

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Jabbar, S.A., Naser, B.A., Mahdi, S.A.	Non-Linear and Linear Optical Properties of an Organic Laser Dye Mixture	organic laser dyes, Z-scan technique, nonlinear refractive index, nonlinear absorption coefficient	34, 4, 401-407	https://doi.org/10.18280/rcma.340401	Jabbar, S.A., Naser, B.A., Mahdi, S.A. (2024). Non-linear and linear optical properties of an organic laser dye mixture. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 401-407. https://doi.org/10.18280/rcma.340401
2	Febriandyono, M.F., Sulistyono, S., Hertriyanto, A.M., Setyawan, M.D., Rahman, R.A.	Preliminary Work for Preparation and Characterization of Anode Supported SOFC Based on Nio-YSZ Material Using Pore-Forme	nickel oxide, anode manufacturing, fuel cell, permeability, porosity	34, 4, 409-415	https://doi.org/10.18280/rcma.340402	Febriandyono, M.F., Sulistyono, S., Hertriyanto, A.M., Setyawan, M.D., Rahman, R.A. (2024). Preliminary work for preparation and characterization of anode supported SOFC based on Nio-YSZ material using pore-former. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 409-415. https://doi.org/10.18280/rcma.340402
3	Sultan, J.N., Yahya, I.Z.A., Karash, E.T., Najem, M.K.	The Effect of Heat Treatment on the Hardness of Medium Carbon Steel	quenching, double-quenching, hardness, cooling media efficacy, heat-treatment, tempering	34, 4, 417-425	https://doi.org/10.18280/rcma.340403	Sultan, J.N., Yahya, I.Z.A., Karash, E.T., Najem, M.K. (2024). The effect of heat treatment on the hardness of medium carbon steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 417-425. https://doi.org/10.18280/rcma.340403
4	Jilabi, A.S.J.	A Comparative Study Between Oxy-Acetylene and Shielded Metal Arc Welds of AISI 5160 Low Alloy Steel	low alloy steels, oxy-acetylene welding, shielded metal arc welding	34, 4, 427-434	https://doi.org/10.18280/rcma.340404	Jilabi, A.S.J. (2024). A comparative study between oxy-acetylene and shielded metal arc welds of AISI 5160 low alloy steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 427-434. https://doi.org/10.18280/rcma.340404
5	Dauod, D.S., Wade, K.J., Mohammed, M.S., Majdi, H.S.	Analysis of Shielding Gases Influences 304 Gas Metal Arc Welding Microstructure, Weld Geometry, and Mechanical Properties	transition zone, sensitization, martensite, cooling rate, fusion boundary	34, 4, 435-446	https://doi.org/10.18280/rcma.340405	Dauod, D.S., Wade, K.J., Mohammed, M.S., Majdi, H.S. (2024). Analysis of shielding gases influences 304 gas metal arc welding microstructure, weld geometry, and mechanical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 435-446. https://doi.org/10.18280/rcma.340405
6	Ikumapayi, O.M., Laseinde, O.T., Ting, T.T.	Mechanical and Tribological Behaviours of Aluminium Metal Matrix Composite Reinforced with Bamboo Powder and Iron Filings	Aluminium 6061, iron fillings, bamboo powder, reinforcement, composite, metal matrix composite, stir casting	34, 4, 447-455	https://doi.org/10.18280/rcma.340406	Ikumapayi, O.M., Laseinde, O.T., Ting, T.T. (2024). Mechanical and tribological behaviours of aluminium metal matrix composite reinforced with bamboo powder and iron filings. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 447-455. https://doi.org/10.18280/rcma.340406
7	Hussein, H.A., Eqal, A.K.	Analytical Surface Energy Model of Fine Copper-Graphite Core-Shell Particles in Oil Lubricant	analytical solution, characteristics, core-shell, surface energy, tribological	34, 4, 457-464	https://doi.org/10.18280/rcma.340407	Hussein, H.A., Eqal, A.K. (2024). Analytical surface energy model of fine copper-graphite core-shell particles in oil lubricant. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 457-464. https://doi.org/10.18280/rcma.340407
8	Aljumaili, M.W., Beddu, S., Itam, Z., Their, J.M.	Mechanical Characteristics and Durability of Metakaolin-Based Self-Compacting Geopolymer Concrete as A Function of Recycled Aggregate and Steel Fiber Contents	mechanical characteristics, metakaolin-based, geopolymer concrete, recycled aggregate, steel fiber	34, 4, 465-480	https://doi.org/10.18280/rcma.340408	Aljumaili, M.W., Beddu, S., Itam, Z., Their, J.M. (2024). Mechanical characteristics and durability of metakaolin-based self-compacting geopolymer concrete as a function of recycled aggregate and steel fiber contents. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 465-480. https://doi.org/10.18280/rcma.340408
9	Hussein, N.N., Jamil, T.N., Al-hadrawi, K.K., Aldhalim, H.K., Hameed, A.A., Mohammed, K.A., Sharma, S.	Assessment of the Antimicrobial Activity of (Copper Sulphate Pentahydrate and Potash Alum) Nanoparticles on Bacteria (Pseudomonas Aeruginosa) Isolated with Bacterial Urinary Tract Infections (UTIs)	UTIs, copper sulphate pentahydrate, potash alum, nanoparticles, antibacterial activity	34, 4, 481-486	https://doi.org/10.18280/rcma.340409	Hussein, N.N., Jamil, T.N., Al-hadrawi, K.K., Aldhalim, H.K., Hameed, A.A., Mohammed, K.A., Sharma, S. (2024). Assessment of the antimicrobial activity of (copper sulphate pentahydrate and potash alum) nanoparticles on bacteria (Pseudomonas aeruginosa) isolated with bacterial urinary tract infections (UTIs). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 481-486. https://doi.org/10.18280/rcma.340409
10	Alhar, A.A., Hmood, F.J., Al-Roubaiy, A.O.	Structural, Thermal and Electrical Properties of Modified Borate-Based Glass	borate glass, borosilicate glass, glass transition temperature, kinetic window	34, 4, 487-493	https://doi.org/10.18280/rcma.340410	Alhar, A.A., Hmood, F.J., Al-Roubaiy, A.O. (2024). Structural, thermal and electrical properties of modified borate-based glass. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 39, No. 4, pp. 487-493. https://doi.org/10.18280/rcma.340410
11	Mohammed, M.K., Khudhair, T.N., Sharba, K.S., Hashim, A., Hadi, Q.M., Meteab, M.H.	Tuning the Morphological and Optical Characteristics of SnO2/ZrO2 Nanomaterials Doped PEO for Promising Optoelectronics Applications	PEO, SnO2 and ZrO2 NPs, OM, optical properties, optoelectronic devices	34, 4, 495-503	https://doi.org/10.18280/rcma.340411	Mohammed, M.K., Khudhair, T.N., Sharba, K.S., Hashim, A., Hadi, Q.M., Meteab, M.H. (2024). Tuning the morphological and optical characteristics of SnO2/ZrO2 nanomaterials doped PEO for promising optoelectronics applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 495-503. https://doi.org/10.18280/rcma.340411
12	Khelifi, H., Daas, A., Zidmel, S., Allaoui, O.	The Effect of Boriding Treatment on the Fatigue Resistance of X70 Steel	boriding, direct quenching, hardness, X70 steel, rotating bending, fatigue resistance	34, 4, 505-511	https://doi.org/10.18280/rcma.340412	Khelifi, H., Daas, A., Zidmel, S., Allaoui, O. (2024). The effect of boriding treatment on the fatigue resistance of X70 steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 505-511. https://doi.org/10.18280/rcma.340412
13	Jomaa, D.M., Hussien, A.K., Dawood, J.J.	Nanofibers Membrane Loaded with Titanium Oxide and Rifampicin as Controlled Drug Delivery System for Wound Dressing Applications	composite nanofibers, taguchi method rifampicin, local drug delivery, wound dressing	34, 4, 513-526	https://doi.org/10.18280/rcma.340413	Jomaa, D.M., Hussien, A.K., Dawood, J.J. (2024). Nanofibers membrane loaded with titanium oxide and rifampicin as controlled drug delivery system for wound dressing applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 513-526. https://doi.org/10.18280/rcma.340413
14	Abbas, I.A., Al-Mayalee, K.A.	Structural and Optical Properties of Al2O3 Nanostructures Prepared by Hot Water Treatment Method	Aluminum oxide (Al2O3), HWT method, nanostructures, high porosity, optical properties	34, 4, 527-532	https://doi.org/10.18280/rcma.340414	Abbas, I.A., Al-Mayalee, K.A. (2024). Structural and optical properties of Al2O3 nanostructures prepared by hot water treatment method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 527-532. https://doi.org/10.18280/rcma.340414
15	Jassim, N.M., Ibrahim, N.I., Khalaf, N.Z.	Z-scan Study of the Non-linear Optical Properties of Silver/Curcumin Dye Nanocomposites Prepared Via Nanosecond Pulsed Laser Ablation	non-linear and linearoptics, silver nanoparticles, plasmonics, X-ray diffraction, and curcumin	34, 4, 533-540	https://doi.org/10.18280/rcma.340415	Jassim, N.M., Ibrahim, N.I., Khalaf, N.Z. (2024). Z-scan study of the non-linear optical properties of silver/curcumin dye nanocomposites prepared via nanosecond pulsed laser ablation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 4, pp. 533-540. https://doi.org/10.18280/rcma.340415
16	Ibraheem, E.K., Bdaiwi, W.	Enhancing Mechanical and Thermal Properties of Unsaturated Polyester Composites Through Sidr Leaves' Particle Reinforcement	bio composites, mechanical properties, Sidr Leaves Powder (SLP), thermal conductivity, unsaturated polyester (UPE), sustainable materials, heat resistance	34, 3, 269-275	https://doi.org/10.18280/rcma.340301	Ibraheem, E.K., Bdaiwi, W. (2024). Enhancing mechanical and thermal properties of unsaturated polyester composites through Sidr Leaves' Particle reinforcement. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 269-275. https://doi.org/10.18280/rcma.340301
17	Ibrahim, H.I., Karash, E.T., Sultan, J.N., Shareef, Z.Q.	Investigation of the Corrosion of Heating Treatment Medium Carbon Steel in Sulfur Aqueous Solution	corrosion, heat treatment, acid, quenching, tempering, steel	34, 3, 277-286	https://doi.org/10.18280/rcma.340302	Ibrahim, H.I., Karash, E.T., Sultan, J.N., Shareef, Z.Q. (2024). Investigation of the corrosion of heating treatment medium carbon steel in sulfur aqueous solution. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 277-286. https://doi.org/10.18280/rcma.340302

18	Kusnadi, Rauf, I., Imran, Saputra, M.T.Y.	The Influence of Heating Temperature on Aggregates Made from Expanded Polystyrene on the Mechanical Behaviors of Lightweight Concrete	lightweight concrete, pumice sand, expanded polystyrene	34, 3, 287-293	https://doi.org/10.18280/rcma.340303	Kusnadi, Rauf, I., Imran, Saputra, M.T.Y. (2024). The influence of heating temperature on aggregates made from expanded polystyrene on the mechanical behaviors of lightweight concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 287-293. https://doi.org/10.18280/rcma.340303
19	Benhalilou, M.I., Abdelouahed, A., Hebhoub, H., Kechkar, C., Hamid, A.	Reuse of Hollow Concrete Blocks Waste in the Formulation of an Eco-Mortar Reinforced with Natural Fibers for Use in Filling Materials	eco-mortar, hollow concrete blocks waste, Diss fibers, properties, mechanical resistance, durability	34, 3, 295-303	https://doi.org/10.18280/rcma.340304	Benhalilou, M.I., Abdelouahed, A., Hebhoub, H., Kechkar, C., Hamid, A. (2024). Reuse of hollow concrete blocks waste in the formulation of an eco-mortar reinforced with natural fibers for use in filling materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 295-303. https://doi.org/10.18280/rcma.340304
20	Kadhim, I.A.U., Taeh, A.S., Abed, M.S.	Sodium Alginate Substrate Coated with PVA/Nanosilver Composite Nanofibers for Skin Tissue Engineering	nanofibers, sodium alginate, silver nanoparticles, electrospinning, skin tissue engineering	34, 3, 305-313	https://doi.org/10.18280/rcma.340305	Kadhim, I.A.U., Taeh, A.S., Abed, M.S. (2024). Sodium alginate substrate coated with PVA/Nanosilver composite nanofibers for skin tissue engineering. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 305-313. https://doi.org/10.18280/rcma.340305
21	Pathak, M., Joshi, P., Nisar, K.S.	Thermal Analysis of a FGM Coated Composite with Imperfect Contact under High-Temperature Exposure	composite structure, immersed interface method, steady state heat conduction	34, 3, 315-321	https://doi.org/10.18280/rcma.340306	Pathak, M., Joshi, P., Nisar, K.S. (2024). Thermal analysis of a FGM coated composite with imperfect contact under high-temperature exposure. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 315-321. https://doi.org/10.18280/rcma.340306
22	Hameed, A.A.Z., Saleh, M.K., Aydi, A.	Investigations of Thermal Conductivity for Palm Fronds and Egg Shell Filled Epoxy Composites	palm fronds, eggshells, thermal conductivity, epoxy resin, acidic solution (HCl)	34, 3, 323-330	https://doi.org/10.18280/rcma.340307	Hameed, A.A.Z., Saleh, M.K., Aydi, A. (2024). Investigations of thermal conductivity for palm fronds and egg shell filled epoxy composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 323-330. https://doi.org/10.18280/rcma.340307
23	Ferrak, A.E.H., Manaa, R., Faiza, K.	Thermomechanical Analysis of a Gas Turbine Blade in Composite Materials with a Ceramic (Al ₂ O ₃) Coated	coated blade, uncoated blade, alumina, high modulus carbon, thermomechanical behavior, finite element model, mast, Al ₂ O ₃	34, 3, 331-338	https://doi.org/10.18280/rcma.340308	Ferrak, A.E.H., Manaa, R., Faiza, K. (2024). Thermomechanical analysis of a gas turbine blade in composite materials with a ceramic (Al ₂ O ₃) coated. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 331-338. https://doi.org/10.18280/rcma.340308
24	Yagoub, M., Masri, T., Benchabane, A., Djeridi, B., Merah, A., Benchabane, G.	Hybrid Matrix Using Polyester Resin to Improve the Physical and Mechanical Properties of Recycled Expanded Polystyrene Matrix	polyester resin, recycled expanded polystyrene, hybrid matrix, physical properties, mechanical properties, SEM visualization	34, 3, 339-348	https://doi.org/10.18280/rcma.340309	Yagoub, M., Masri, T., Benchabane, A., Djeridi, B., Merah, A., Benchabane, G. (2024). Hybrid matrix using polyester resin to improve the physical and mechanical properties of recycled expanded polystyrene matrix. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 339-348. https://doi.org/10.18280/rcma.340309
25	Hamzah Khudair, I.A., Obaid AL-Shiaa, S.A., Al-khaykane, M.K.	Enhancing the Structural and Optical Properties of Poly (Vinyl Alcohol) Films Through the Incorporation of Ag ₂ O: ZnO Nanoparticle	ZnO/Ag ₂ O nanoparticle, thin film, UV-visible, XRD, and nanocomposite	34, 3, 349-355	https://doi.org/10.18280/rcma.340310	Hamzah Khudair, I.A., Obaid AL-Shiaa, S.A., Al-khaykane, M.K. (2024). Enhancing the structural and optical properties of poly (vinyl alcohol) films through the incorporation of Ag ₂ O: ZnO nanoparticle. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 349-355. https://doi.org/10.18280/rcma.340310
26	Mekki, L., Seddiki, A., Amriou, A., Belagraa, L.	Effect of Treatment with Different Classes of Cement on the Geotechnical Properties of Soils: Case Study of Red Soil in the M'sila Region, Algeria	class of cement, treatment, silt-clayey, compaction, unconfined compression, CBR test	34, 3, 357-362	https://doi.org/10.18280/rcma.340311	Mekki, L., Seddiki, A., Amriou, A., Belagraa, L. (2024). Effect of treatment with different classes of cement on the geotechnical properties of soils: Case study of red soil in the M'sila region, Algeria. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 357-362. https://doi.org/10.18280/rcma.340311
27	Karash, E.T., Ali, H.M. Kassim, M.T.E.	Designing Cantilever Models from Various Materials and Comparing Them When They are under Constant Load and Have Holes	stress, finite element method, carbon fiber, cantilever beam, bending force, strain	34, 3, 363-377	https://doi.org/10.18280/rcma.340312	Karash, E.T., Ali, H.M. Kassim, M.T.E. (2024). Designing cantilever models from various materials and comparing them when they are under constant load and have holes. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 363-377. https://doi.org/10.18280/rcma.340312
28	Awad, S.K., Bdaiwi, W.	Enhancing Mechanical Performance of PMMA Resin Through Cinnamon Particle Reinforcement	cinnamon extracts, poly methyl methacrylate (PMMA) resin, dental prosthesis, mechanical properties, biomaterials	34, 3, 379-384	https://doi.org/10.18280/rcma.340313	Awad, S.K., Bdaiwi, W. (2024). Enhancing mechanical performance of PMMA resin through cinnamon particle reinforcement. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 379-384. https://doi.org/10.18280/rcma.340313
29	Hasan, S.S., AbdulWahhab, N.A., Taj-Aldeen, L.	Study the Optical Properties of Polyvinyl Alcohol / Methyl Red Composite Irradiated by Violet Laser	methyl red, laser irradiation, optical conductivity, indirect energy gap	34, 3, 385-392	https://doi.org/10.18280/rcma.340314	Hasan, S.S., AbdulWahhab, N.A., Taj-Aldeen, L. (2024). Study the optical properties of polyvinyl alcohol / methyl red composite irradiated by violet laser. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 385-392. https://doi.org/10.18280/rcma.340314
30	Mohammed, M.K., Hashim, A., Hayder, N., Habeeb, M.A.	Investigating the Optical Properties of PVA/PEG/CeO ₂ Nanocomposites for Optics Devices	PVA, PEG, optical properties, CeO ₂ NPs, nanocomposites	34, 3, 393-400	https://doi.org/10.18280/rcma.340315	Mohammed, M.K., Hashim, A., Hayder, N., Habeeb, M.A. (2024). Investigating the optical properties of PVA/PEG/CeO ₂ nanocomposites for optics devices. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 3, pp. 393-400. https://doi.org/10.18280/rcma.340315
31	Al-Kaisy, H.A., Issa, R.A.H., Faheed, N.K., Hamad, Q.A.	Enhancing the Biocompatibility of Titanium Implants with Chitosan-Alginate Bio-Composite Coatings Reinforced with HAP and ZnO	hydroxyapatite (HAP), ZnO, chitosan, Na alginate, biocomposite coating, Sol-Gel Dip method	34, 2, 125-132	https://doi.org/10.18280/rcma.340201	Al-Kaisy, H.A., Issa, R.A.H., Faheed, N.K., Hamad, Q.A. (2024). Enhancing the biocompatibility of titanium implants with chitosan-alginate bio-composite coatings reinforced with HAP and ZnO. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 125-132. https://doi.org/10.18280/rcma.340201
32	Souidi, A., Atigui, M., Maaloufa, Y., Amazal, M., Oubeddou, S., Mounir, S., Aharoune, A.	Comparative Study of Gypsum Composite Materials Reinforced with Date Palm and Polyester Fibres	gypsum, mechanical properties, gypsum, polyester fibres, thermal properties, date palm fibres	34, 2, 133-142	https://doi.org/10.18280/rcma.340202	Souidi, A., Atigui, M., Maaloufa, Y., Amazal, M., Oubeddou, S., Mounir, S., Aharoune, A. (2024). Comparative study of gypsum composite materials reinforced with date palm and polyester fibres. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 133-142. https://doi.org/10.18280/rcma.340202
33	Enad, A.A., Ahmed, S.M., Mohammed, A.K., Mohammed, A.S.	Influence of Feldspar Addition on the Geotechnical Properties of Expansive Soil in Rahhaliya, Iraq	expansive soil, feldspar metal, case study, Rahhaliya city	34, 2, 143-148	https://doi.org/10.18280/rcma.340203	Enad, A.A., Ahmed, S.M., Mohammed, A.K., Mohammed, A.S. (2024). Influence of feldspar addition on the geotechnical properties of expansive soil in Rahhaliya, Iraq. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 143-148. https://doi.org/10.18280/rcma.340203
34	Mohsen, H.A., Ghanim, A.N.	Efficient Removal of Zinc and Copper from Wastewater Using Activated Carbon Derived from Date Pits in a Continuous Fixed-Bed Column	heavy metals, zinc, copper, fixed-bed column, breakthrough curve	34, 2, 149-161	https://doi.org/10.18280/rcma.340204	Mohsen, H.A., Ghanim, A.N. (2024). Efficient removal of zinc and copper from wastewater using activated carbon derived from date pits in a continuous fixed-bed column. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 149-161. https://doi.org/10.18280/rcma.340204

35	Mohammed, K.A., Shihab, S.A.A., Algburi, S., Bhavani, B., Kareem, A., Alkhafaji, M.A., Zabibah, R.S., Sharma, S.	Synthesis and Characterization of PVA-Encapsulated Fe ₂ O ₃ -ZnO as New Composites with Tunable Optical Properties	Fe ₂ O ₃ , ZnO, nanocomposite, chemical method, physical properties	34, 2, 163-167	https://doi.org/10.18280/rcma.340205	Mohammed, K.A., Shihab, S.A.A., Algburi, S., Bhavani, B., Kareem, A., Alkhafaji, M.A., Zabibah, R.S., Sharma, S. (2024) Synthesis and characterization of PVA-encapsulated Fe ₂ O ₃ -ZnO as new composites with tunable optical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 163-167. https://doi.org/10.18280/rcma.340205
36	Djoudi, T., Djemai, H., Hecini, M.	Investigating the Impact of Core Type on the Properties of Novel Bio-Composites with a Sandwich Structure Derived from Date Palm Waste	fibrous wood, date palm tree wastes, structure- sandwich, bio-composite, mechanical characterization, thermal properties	34, 2, 169-176	https://doi.org/10.18280/rcma.340206	Djoudi, T., Djemai, H., Hecini, M. (2024). Investigating the impact of core type on the properties of novel bio-composites with a sandwich structure derived from date palm waste. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 169-176. https://doi.org/10.18280/rcma.340206
37	Benbakhti, A., Benfrid, A., Harrat, Z.R., Chatbi, M., Bouiadja, M.B., Krour, B.	An Analytical Analysis of the Hydrostatic Bending to Design a Wastewater Treatment Plant by a New Advanced Composite Material	advanced composite material, bending analysis, wastewater treatment plant, analytical analysis, hydrostatic loads	34, 2, 177-188	https://doi.org/10.18280/rcma.340207	Benbakhti, A., Benfrid, A., Harrat, Z.R., Chatbi, M., Bouiadja, M.B., Krour, B. (2024). An analytical analysis of the hydrostatic bending to design a wastewater treatment plant by a new advanced composite material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 177-188. https://doi.org/10.18280/rcma.340207
38	Alshiaa, S.A.O., Aziz, A.H.A., Zgair, I.A., Hasan, N.B.	Impact of CuCl ₂ Addition to PMMA Polymer on Structural and Optical Properties	PMMA polymer, copper chloride II, casting method, spectroscopy, thin film, AFM	34, 2, 189-194	https://doi.org/10.18280/rcma.340208	Alshiaa, S.A.O., Aziz, A.H.A., Zgair, I.A., Hasan, N.B. (2024). Impact of CuCl ₂ addition to PMMA polymer on structural and optical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 189-194. https://doi.org/10.18280/rcma.340208
39	Boudjemline, A., Guerira, B., Boussehel, H., Ouair, A., Reis, P.N.B., Rodrigue, D.	Effect of Advanced Chemical Treatments on the Tensile and Bending Properties of Date Palm Composites	date palm, biocomposites, lignocellulosic waste, chemical treatments, polymeric matrix	34, 2, 195-205	https://doi.org/10.18280/rcma.340209	Boudjemline, A., Guerira, B., Boussehel, H., Ouair, A., Reis, P.N.B., Rodrigue, D. (2024). Effect of advanced chemical treatments on the tensile and bending properties of date palm composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 195-205. https://doi.org/10.18280/rcma.340209
40	Hasan, N.A., Ahmed, H.A., Hussein, I.S.	Enhancing the Characteristics of Gypsum Soil by Adding Hydrated Lime and Cement	gypsum soil, collapse behavior, cohesion, internal friction angle, cement, lime	34, 2, 207-214	https://doi.org/10.18280/rcma.340210	Hasan, N.A., Ahmed, H.A., Hussein, I.S. (2024). Enhancing the characteristics of gypsum soil by adding hydrated lime and cement. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 207-214. https://doi.org/10.18280/rcma.340210
41	Mohammed, Z.J., Al Shareefi, N.M.O.	Sensitivity and Adsorption Energy Analysis of B and Ga Doped Graphene/Silicene for HCl Gas Sensing	graphene, silicene, HCl, DFT	34, 2, 215-220	https://doi.org/10.18280/rcma.340211	Mohammed, Z.J., Al Shareefi, N.M.O. (2024). Sensitivity and adsorption energy analysis of B and Ga doped graphene/silicene for HCl gas sensing. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 215-220. https://doi.org/10.18280/rcma.340211
42	Chabane, M., Melkaoui, C., Ferrah, N., Mansour, R., Rahoui, K., Dahmani, B.	Synthesis and Evaluation of Polyacrylamide Based Filter Pellets Incorporating GAC, Iron Oxide, Zinc Oxide, and Kaolin for Chromium and Nickel Water Remediation	filter, carbon, iron oxide, zinc oxide, kaolin	34, 2, 221-232	https://doi.org/10.18280/rcma.340212	Chabane, M., Melkaoui, C., Ferrah, N., Mansour, R., Rahoui, K., Dahmani, B. (2024). Synthesis and evaluation of polyacrylamide based filter pellets incorporating GAC, iron oxide, zinc oxide, and kaolin for chromium and nickel water remediation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 221-232. https://doi.org/10.18280/rcma.340212
43	Sdiri, A., Meddeb, N., Ghorbel, E., Daoud, A.	Comparative Study of GFRP and Steel Rebar Bonding in Concrete: Experimental Analysis and Crack Prediction	concrete, bond, GFRP, crack pattern	34, 2, 233-245	https://doi.org/10.18280/rcma.340213	Sdiri, A., Meddeb, N., Ghorbel, E., Daoud, A. (2024). Comparative study of GFRP and steel rebar bonding in concrete: Experimental analysis and crack prediction. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 233-245. https://doi.org/10.18280/rcma.340213
44	Hamid, A.A., Aljewearee, H.A.M.	Enhancement of Mechanical Properties in Copper Matrix Composites Through Cold and Hot Powder Compaction Techniques	particulate copper matrix (Cu-CuO-Al ₂ O ₃) composites, mechanical properties, heat treatment, powders metallurgy	34, 2, 247-255	https://doi.org/10.18280/rcma.340214	Hamid, A.A., Aljewearee, H.A.M. (2024). Enhancement of mechanical properties in copper matrix composites through cold and hot powder compaction techniques. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 247-255. https://doi.org/10.18280/rcma.340214
45	Irudhayam, S. J., Venkatesan, H.	Experimental Evaluation and Finite Element Analysis of Stress Distribution in 3D-Printed Dental Implants to Validate the Optimal Thread Pitch	photoelasticity test, FEA, dental implant, design, CFR PEEK, stress distribution	34, 2, 257-267	https://doi.org/10.18280/rcma.340215	Irudhayam, S. J., Venkatesan, H. (2024). Experimental evaluation and finite element analysis of stress distribution in 3D-printed dental implants to validate the optimal thread pitch. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 2, pp. 257-267. https://doi.org/10.18280/rcma.340215
46	Batache, D., Benhizia, A., Khennab, A., Nacer, S.	Influence of Platelet Boundary Irregularity on the Nonlinear Mechanical Behavior of Platelet-Reinforced Composites	platelet-reinforced composite, boundary irregularity, stochastic, nonlinear, plastic zone, tangent modulus	34, 1, 1-7	https://doi.org/10.18280/rcma.340101	Batache, D., Benhizia, A., Khennab, A., Nacer, S. (2024). Influence of platelet boundary irregularity on the nonlinear mechanical behavior of platelet-reinforced composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 1-7. https://doi.org/10.18280/rcma.340101
47	Okokpujie, I.P., Nakpobero, D.O., Emojeya, D.O., Azeze, T.M., Tartibu, L.K.	Investigating Corrosion and Surface Hardness of Al6061 in Machining Fluids with Variable CNT Concentrations	corrosion, aluminium 6061 alloys, CNTs, soluble oil, machining, cutting fluid, surface hardness, and sustainable cutting process	34, 1, 9-18	https://doi.org/10.18280/rcma.340102	Okokpujie, I.P., Nakpobero, D.O., Emojeya, D.O., Azeze, T.M., Tartibu, L.K. (2024). Investigating corrosion and surface hardness of Al6061 in machining fluids with variable CNT concentrations. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 9-18. https://doi.org/10.18280/rcma.340102
48	Yadav, M., Deshmukh, S.P.	Tribological Characterization and Hardness Analysis of Acrylonitrile Butadiene Styrene Composites Reinforced with Titanium Dioxide and Tungsten (ABS/TiO ₂ W)	Acrylonitrile Butadiene Styrene (ABS) composites, coefficient of friction, wear rate, hardness, tribology	34, 1, 19-25	https://doi.org/10.18280/rcma.340103	Yadav, M., Deshmukh, S.P. (2024). Tribological characterization and hardness analysis of acrylonitrile butadiene styrene composites reinforced with titanium dioxide and tungsten (ABS/TiO ₂ W). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 19-25. https://doi.org/10.18280/rcma.340103
49	Mahmood, S.M., Mutter, M.M., Aobaid, A.K.	Enhancement of Mechanical Properties of PMMA Reinforced with a Composite of Bi ₂ O ₃ :Fe ₂ O ₃ for Radiation Application	poly methyl methacrylate (PMMA), compression strength, young's modulus, Bi ₂ O ₃ nanoparticles, Fe ₂ O ₃ nanoparticles, structural analysis XRD, SEM	34, 1, 27-32	https://doi.org/10.18280/rcma.340104	Mahmood, S.M., Mutter, M.M., Aobaid, A.K. (2024). Enhancement of mechanical properties of PMMA reinforced with a composite of Bi ₂ O ₃ :Fe ₂ O ₃ for radiation application. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 27-32. https://doi.org/10.18280/rcma.340104
50	Ouarda, I., Ferdous, B., Karima, G.	Influence of Date Palm Waste Aggregates on the Mechanical Strengths and Hygroscopicity Behavior of Earth-Based Composites	adobe bricks, cement, date palm waste, mechanical resistance, sustainability	34, 1, 33-41	https://doi.org/10.18280/rcma.340105	Ouarda, I., Ferdous, B., Karima, G. (2024). Influence of date palm waste aggregates on the mechanical strengths and hygroscopicity behavior of earth-based composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 33-41. https://doi.org/10.18280/rcma.340105
51	Hussein, H.A., Eql, A.K.	Investigating the Synergistic Impact of Cenosphere and Mg-Sn Alloy on the Tribological and Mechanical Properties of Aluminum Foam Composites	aluminum lightweight composites, cenosphere, Mg-Sn alloy, tribological properties, compressive strength	34, 1, 43-50	https://doi.org/10.18280/rcma.340106	Hussein, H.A., Eql, A.K. (2024). Investigating the synergistic impact of cenosphere and Mg-Sn alloy on the tribological and mechanical properties of aluminum foam composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 43-50. https://doi.org/10.18280/rcma.340106

52	Souici, I., Zeghichi, L., Benouis, A.	Optimizing Physical and Mechanical Properties of Recycled Filler and Fiber Sand Concrete: A Full Factorial Design Approach	date palm waste fibers, factorial plane, optimization, recycled fillers, sand concrete, valorization	34, 1, 51-59	https://doi.org/10.18280/rcma.340107	Souici, I., Zeghichi, L., Benouis, A. (2024). Optimizing physical and mechanical properties of recycled filler and fiber sand concrete: A full factorial design approach. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 51-59. https://doi.org/10.18280/rcma.340107
53	Merie, E.Q., Salih, W.B.	Study Mechanical Properties for Polymer Composite Reinforced by Carbon Fibers and Copper Oxide Particles (CuO) Used in Make Prosthetic Limb	mechanical properties, polymer composite, carbon fiber, copper oxide particles, prosthetic limb	34, 1, 61-66	https://doi.org/10.18280/rcma.340108	Merie, E.Q., Salih, W.B. (2024). Study mechanical properties for polymer composite reinforced by carbon fibers and copper oxide particles (CuO) used in make prosthetic limb. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 61-66. https://doi.org/10.18280/rcma.340108
54	Atigui, M., Maaloufa, Y., Souidi, A., Amazal, M., Oubeddou, S., Demrati, H., Mounir, S., Aharoune, A.	Enhanced Thermo-Physical Properties of Gypsum Composites Using Olive Pomace Waste Reinforcement	construction, mechanical properties, olive pomace, gypsum, thermal properties	34, 1, 67-75	https://doi.org/10.18280/rcma.340109	Atigui, M., Maaloufa, Y., Souidi, A., Amazal, M., Oubeddou, S., Demrati, H., Mounir, S., Aharoune, A. (2024). Enhanced thermo-physical properties of gypsum composites using olive pomace waste reinforcement. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 67-75. https://doi.org/10.18280/rcma.340109
55	Habeeb, A.M., Salih, N.A.	Fabrication and Mechanical Characterization of Functionally Graded NiTi/HA Alloys	NiTi, HA, FGMs, particles size, compression, functionally graded	34, 1, 77-86	https://doi.org/10.18280/rcma.340110	Habeeb, A.M., Salih, N.A. (2024). Fabrication and mechanical characterization of functionally graded NiTi/HA alloys. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 77-86. https://doi.org/10.18280/rcma.340110
56	Saadie, J., Mechi, S., Hassan, A.	Enhancing Mechanical and Physical Properties of Epoxy Composites with Eco-Friendly Metakaolin Filler: An Experimental Study	composite materials, clay filler, epoxy resin, mechanical properties, water absorption	34, 1, 87-94	https://doi.org/10.18280/rcma.340111	Saadie, J., Mechi, S., Hassan, A. (2024). Enhancing mechanical and physical properties of epoxy composites with eco-friendly metakaolin filler: An experimental study. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 87-94. https://doi.org/10.18280/rcma.340111
57	Alfayhan, A.S., Hasan, N.B.	Influence of Pulse Laser Deposition on the Structural and Optical Properties of CZTS for Sensor Applications	pulse laser, absorbance, transmittance, energy gap, grain size, roughness, square root rate	34, 1, 95-102	https://doi.org/10.18280/rcma.340112	Alfayhan, A.S., Hasan, N.B. (2024). Influence of pulse laser deposition on the structural and optical properties of CZTS for sensor applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 95-102. https://doi.org/10.18280/rcma.340112
58	Suardana, P., Sumadiyasa, M., Sudatri, N.W., Suharta, W.G., Gunawan, A.A.N.	Synthesis of Hematite Crystals from Natural Iron Sand: The Influence of Heating on Optical and Magnetic Properties	band gap, ferromagnetic, hematite, iron sand, hysteresis magnetic, mechanical precipitation	34, 1, 103-108	https://doi.org/10.18280/rcma.340113	Suardana, P., Sumadiyasa, M., Sudatri, N.W., Suharta, W.G., Gunawan, A.A.N. (2024). Synthesis of hematite crystals from natural iron sand: The influence of heating on optical and magnetic properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 103-108. https://doi.org/10.18280/rcma.340113
59	Budiyantoro, C., Yudhanto, F.	Comparative Analysis of Cellulose, Hemicellulose and Lignin on The Physical and Thermal Properties of Wood Sawdust for Bio-Composite Material Fillers	wood sawdust, hardwood, softwood, physical properties, thermal degradation	34, 1, 109-116	https://doi.org/10.18280/rcma.340114	Budiyantoro, C., Yudhanto, F. (2024). Comparative analysis of cellulose, hemicellulose and lignin on the physical and thermal properties of wood sawdust for bio-composite material fillers. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 109-116. https://doi.org/10.18280/rcma.340114
60	Ahmed, A.S., Al-Fahal, A.S., Al-Hantoosh, N.M., Hussein, M.A.	Static Load Behavior of Ferrocement Slabs Reinforced with Recycled Tire Steel Wire	ferrocement, slabs, wire mesh, tire steel wire, failure	34, 1, 117-124	https://doi.org/10.18280/rcma.340115	Ahmed, A.S., Al-Fahal, A.S., Al-Hantoosh, N.M., Hussein, M.A. (2024). Static load behavior of ferrocement slabs reinforced with recycled tire steel wire. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 34, No. 1, pp. 117-124. https://doi.org/10.18280/rcma.340115
61	Al-Attar, A.F., Jaber, H.A., Hasan, A.M.	Enhancement of Mechanical Properties in Glass-Fiber Woven Reinforced Hybrid Composites for Aerospace Applications: An Empirical Investigation	hybrid composite, red kaolin, Al ₂ O ₃ , E-glass fiber woven, mechanical properties, analysis of variance (ANOVA)	33, 6, 347-355	https://doi.org/10.18280/rcma.330601	Al-Attar, A.F., Jaber, H.A., Hasan, A.M. (2023). Enhancement of mechanical properties in glass-fiber woven reinforced hybrid composites for aerospace applications: An empirical investigation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 347-355. https://doi.org/10.18280/rcma.330601
62	Hameed, S.N., Salih, W.B.	Enhancing Mechanical and Thermal Properties of Unsaturated Polyester Resin with Luffa Fiber Reinforcements: A Volumetric Analysis	Luffa Fibers, unsaturated polyester, mechanical analysis, impact resistance, hardness, compressive strength, thermal insulation, thermal conductivity	33, 6, 357-362	https://doi.org/10.18280/rcma.330602	Hameed, S.N., Salih, W.B. (2023). Enhancing mechanical and thermal properties of unsaturated polyester resin with Luffa Fiber reinforcements: A volumetric analysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 357-362. https://doi.org/10.18280/rcma.330602
63	Al-Mohammed, A.A.S., Seyed, M.	Enhancing Geotechnical Properties of Clayey Soil with Recycled Plastic and Glass Waste	plastic waste materials, geotechnical properties, crushed glass, clayey soil	33, 6, 363-369	https://doi.org/10.18280/rcma.330603	Al-Mohammed, A.A.S., Seyed, M. (2023). Enhancing geotechnical properties of clayey soil with recycled plastic and glass waste. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 363-369. https://doi.org/10.18280/rcma.330603
64	Khamees, A.A., Tameemi, W.A., Sulaiman, E.A., Al-Rammahi, A.A.	Structural and Mechanical Characteristics of Sustainable Concrete Composite Panels Reinforced with Pre-Treated Recycled Tire Rubber	recycled rubber, traditional coarse aggregates, rubberized concrete, non-treated, pre-treated, crumb rubber, and correlations	33, 6, 371-378	https://doi.org/10.18280/rcma.330604	Khamees, A.A., Tameemi, W.A., Sulaiman, E.A., Al-Rammahi, A.A. (2023). Structural and mechanical characteristics of sustainable concrete composite panels reinforced with pre-treated recycled tire rubber. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 371-378. https://doi.org/10.18280/rcma.330604
65	Al-Falahi, H.A.	Thermal Analysis and Modification of C/C Ablative Composites for High-Temperature Insulation Applications	ablative composites, thermal analyses, catalytic graphitization, oxy-acetylene flame	33, 6, 379-391	https://doi.org/10.18280/rcma.330605	Al-Falahi, H.A. (2023). Thermal analysis and modification of C/C ablative composites for high-temperature insulation applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 379-391. https://doi.org/10.18280/rcma.330605
66	Dheaa, D.J., Mahdi, S.A.	Photodynamic Therapy and TiO ₂ -Decorated Ag Nanoparticles: Implications for Skin Cancer Treatment	skin cancer, photodynamic therapy (PDT), blue light, nanoparticles, titanium dioxide-decorated silver nanoparticles	33, 6, 393-398	https://doi.org/10.18280/rcma.330606	Dheaa, D.J., Mahdi, S.A. (2023). Photodynamic therapy and TiO ₂ -decorated Ag nanoparticles: Implications for skin cancer treatment. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 393-398. https://doi.org/10.18280/rcma.330606
67	Renreng, I., Arsyad, H., Tarminsyah, T.	Comparative Analysis of Microscale and Nanoscale Alumina Reinforcement in Al-Cu-Mg-Al ₂ O ₃ Composites: Impacts on Density, Porosity, and Hardness	aluminum matrix composite, alumina particle size, powder metallurgy, alumina nanoparticle, alumina microparticle, grain size, sintering, magnesium	33, 6, 399-409	https://doi.org/10.18280/rcma.330607	Renreng, I., Arsyad, H., Tarminsyah, T. (2023). Comparative analysis of microscale and nanoscale alumina reinforcement in Al-Cu-Mg-Al ₂ O ₃ composites: Impacts on density, porosity, and hardness. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 399-409. https://doi.org/10.18280/rcma.330607
68	Sabur, D.A., Hashim, A., Hadi, A., Habeeb, M.A., Rabee, B.H., Mohammed, M.K.	Enhancement of Optical Properties in In ₂ O ₃ -Doped PVA/PEG Nanostructured Films for Optoelectronic Applications	nanostructures, indium oxide, optical properties, polyvinyl alcohol, polyethylene glycol, optoelectronic applications	33, 6, 411-417	https://doi.org/10.18280/rcma.330608	Sabur, D.A., Hashim, A., Hadi, A., Habeeb, M.A., Rabee, B.H., Mohammed, M.K. (2023). Enhancement of optical properties in In ₂ O ₃ -doped PVA/PEG nanostructured films for optoelectronic applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 6, pp. 411-417. https://doi.org/10.18280/rcma.330608

69	Gouder, S., Mahamdi, R., Guiza, D., Berbezier, I.	Vibrational Properties and Raman Peak Shift Relationships in Si-xGex Epilayers Grown on Annealed Double Porous Silicon	annealed double porous silicon, Raman spectroscopy, Si1-xGex epilayer, strain	33, 5, 275-281	https://doi.org/10.18280/rcma.330501	Gouder, S., Mahamdi, R., Guiza, D., Berbezier, I. (2023). Vibrational properties and raman peak shift relationships in Si1-xGex epilayers grown on annealed double porous silicon. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 275-281. https://doi.org/10.18280/rcma.330501
70	Sekhar, R., Shah, P.	Investigating Shearing, Ploughing, and Particle Fracture Forces in Turning of Low Percent Reinforcement Al/B4C Metal Matrix Composites	metal matrix composites, cutting forces, shearing, ploughing, particle fracture/debonding, Al/B4C composites, low reinforcement, machining conditions, material compositions, flow stresses	33, 5, 283-291	https://doi.org/10.18280/rcma.330502	Sekhar, R., Shah, P. (2023). Investigating shearing, ploughing, and particle fracture forces in turning of low percent reinforcement Al/B4C metal matrix composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 283-291. https://doi.org/10.18280/rcma.330502
71	Hussain, W.S., Oleiwi, J.K., Hamad, Q.A.	Mechanical Properties of PMMA-Based Biocomposites with Polyamide and Polyvinylpyrrolidone Blends for Denture Applications	PMMA, polyamide, polyvinylpyrrolidone, mechanical properties, denture base materials, biocomposites, natural powders	33, 5, 293-302	https://doi.org/10.18280/rcma.330503	Hussain, W.S., Oleiwi, J.K., Hamad, Q.A. (2023). Mechanical properties of PMMA-based biocomposites with polyamide and polyvinylpyrrolidone blends for denture applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 293-302. https://doi.org/10.18280/rcma.330503
72	Attallah, O.R., Mohammad, J.F.	Preparation and Characterization of CdS Thin Films at Varying Molarities Using Chemical Spray Pyrolysis	CdS thin films, Chemical Spray Pyrolysis (CSP), Group II-VI, CdS structural characteristics	33, 5, 303-309	https://doi.org/10.18280/rcma.330504	Attallah, O.R., Mohammad, J.F. (2023). Preparation and characterization of CdS thin films at varying molarities using Chemical Spray Pyrolysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 303-309. https://doi.org/10.18280/rcma.330504
73	Meteab, S.M., Mohammad, J.F.	Effect of Cu-Doping Levels on the Structural and Optical Properties of SnO2 Thin Films Prepared by Chemical Spray Pyrolysis	SnO2 thin films, Cu doping, XRD, optical properties, SnO2:Cu, EDX, chemical spray pyrolysis, nanocrystalline films	33, 5, 311-316	https://doi.org/10.18280/rcma.330505	Meteab, S.M., Mohammad, J.F. (2023). Effect of Cu-doping levels on the structural and optical properties of SnO2 thin films prepared by chemical spray pyrolysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 311-316. https://doi.org/10.18280/rcma.330505
74	Rathnam, G.S., Ratnam, C., Rambabu, G.	Optimizing PVD Coating Parameters for Ti6Al4V Alloy	PVD duplex thin film coating, Material science, COF, process parameters, Taguchi-DOE	33, 5, 317-328	https://doi.org/10.18280/rcma.330506	Rathnam, G.S., Ratnam, C., Rambabu, G. (2023). Optimizing PVD coating parameters for Ti6Al4V alloy. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 317-328. https://doi.org/10.18280/rcma.330506
75	Salim, B., Imane, B.M., Ahmed, M.	Numerical Simulation of Asymmetric Composite Patch Repair for Fatigue Damaged Aluminum Plate	structural repair, composite patch, stress intensity factor SIF, crack front, fem analysis, aluminum alloy 2024-T3, fatigue analysis, fracture mechanics	33, 5, 329-338	https://doi.org/10.18280/rcma.330507	Salim, B., Imane, B.M., Ahmed, M. (2023). Numerical simulation of asymmetric composite patch repair for fatigue damaged aluminum plate. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 329-338. https://doi.org/10.18280/rcma.330507
76	Taresh, O.F., Mezher, M.T., Daway, E.G.	Mechanical Properties of 3D-Printed PETG Samples: The Effect of Varying Infill Patterns	additive manufacturing, fused deposition modeling (FDM), polyethylene terephthalate glycol (PETG), infill patterns, mechanical properties	33, 5, 339-345	https://doi.org/10.18280/rcma.330508	Taresh, O.F., Mezher, M.T., Daway, E.G. (2023). Mechanical properties of 3D-printed PETG samples: The effect of varying infill patterns. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 5, pp. 339-345. https://doi.org/10.18280/rcma.330508
77	Ohijeagbon, I., Aransiola, O., Adeleke, A., Omoniyi, P., Ikubanni, P., Oguntayo, D.	Composite Tiles Produced from Granite Dust and Tree Pruning Using a Sandwiched Method	composite tiles, compressive strength, flexural strength, granite dust, sandwich method, tree pruning	33, 4, 211-218	https://doi.org/10.18280/rcma.330401	Ohijeagbon, I., Aransiola, O., Adeleke, A., Omoniyi, P., Ikubanni, P., Oguntayo, D. (2023). Composite tiles produced from granite dust and tree pruning using a sandwiched method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 211-218. https://doi.org/10.18280/rcma.330401
78	Abdelouahed, A., Kechkar, C., Hebhoub, H., Merzoud, M., Boukhatem, G.	Enhancing the Performance and Durability of Eco-Friendly Mortar with Diss Fibers (Ampelodesmos mauritanicus)	Diss fibers, performance characterization, fiber-reinforced mortar, composite durability, sustainable aggregates	33, 4, 219-226	https://doi.org/10.18280/rcma.330402	Abdelouahed, A., Kechkar, C., Hebhoub, H., Merzoud, M., Boukhatem, G. (2023). Enhancing the performance and durability of eco-friendly mortar with Diss fibers (Ampelodesmos mauritanicus). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 219-226. https://doi.org/10.18280/rcma.330402
79	Malik, F.H., Sweah, Z.J., Mohammed, A.J., Mohammed, K.A., Sharma, S.	Electrical, Optical Conductivity of Pentacene and the Effect of Adding the Extracted Dye on the Electrical Properties of Pentacene	pentacene (PE), lanata kamrae (LK), X-ray, electrical conductivity, optical properties, Keithley Series 2400	33, 4, 227-232	https://doi.org/10.18280/rcma.330403	Malik, F.H., Sweah, Z.J., Mohammed, A.J., Mohammed, K.A., Sharma, S. (2023). Electrical, optical conductivity of pentacene and the effect of adding the extracted dye on the electrical properties of pentacene. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 227-232. https://doi.org/10.18280/rcma.330403
80	Hussain, W.S., Hamad, Q.A., Oleiwi, J.K.	Mechanical and Numerical Analysis of Polymer-Natural Fiber Composites for Denture Applications	polymer composites, mechanical properties, finite element analysis, ANSYS, PMMA	33, 4, 233-242	https://doi.org/10.18280/rcma.330404	Hussain, W.S., Hamad, Q.A., Oleiwi, J.K. (2023). Mechanical and numerical analysis of polymer-natural fiber composites for denture applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 233-242. https://doi.org/10.18280/rcma.330404
81	Alsafi, M.S., Abed, I.J.	Effect of Milling Parameters on Surface Characteristics and Mechanical Properties of Presintered Zirconia Ceramic	soft machining, Computer Numerical Control (CNC), flexural strength, sintering, zirconia ceramics, milling parameters, surface roughness and microhardness	33, 4, 243-252	https://doi.org/10.18280/rcma.330405	Alsafi, M.S., Abed, I.J. (2023). Effect of milling parameters on surface characteristics and mechanical properties of presintered zirconia ceramic. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 243-252. https://doi.org/10.18280/rcma.330405
82	Albdiry, M., Ammash, H.	Evaluation of Sandwich Panels Strengthened by Different Corrugated Aluminum Cores Under Flexural and Compressive Loadings	aluminum panel, flexural, compressive, stiffness optimization, corrugated core, sandwich structure, four-point bending	33, 4, 253-259	https://doi.org/10.18280/rcma.330406	Albdiry, M., Ammash, H. (2023). Evaluation of sandwich panels strengthened by different corrugated aluminum cores under flexural and compressive loadings. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 253-259. https://doi.org/10.18280/rcma.330406
83	Abbas, M.H., Hadi, A., Rabee, B.H., Habeeb, M.A., Mohammed, M.K., Hashim, A.	Enhanced Dielectric Characteristics of Cr2O3 Nanoparticles Doped PVA/PEG for Electrical Applications	Cr2O3 nanoparticles, PVA/PEG, composites, dielectric properties, frequency, electrical applications	33, 4, 261-266	https://doi.org/10.18280/rcma.330407	Abbas, M.H., Hadi, A., Rabee, B.H., Habeeb, M.A., Mohammed, M.K., Hashim, A. (2023). Enhanced dielectric characteristics of Cr2O3 nanoparticles doped PVA/PEG for electrical applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 261-266. https://doi.org/10.18280/rcma.330407
84	Aziz, A.H.A., Al-Sharcefi, M.A., Khadyair, A.A.	Modulating Magnetic Properties of Ferrite Cu1-XMgXFe2O4 via RF Plasma Exposure: Effects of Magnesium Concentration	sol-gel, RF Plasma, magnetic properties, hysteresis loop, coercive force, X-ray diffraction	33, 4, 267-274	https://doi.org/10.18280/rcma.330408	Aziz, A.H.A., Al-Sharcefi, M.A., Khadyair, A.A. (2023). Modulating magnetic properties of ferrite Cu1-XMgXFe2O4 via RF plasma exposure: Effects of magnesium concentration. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 4, pp. 267-274. https://doi.org/10.18280/rcma.330408
85	Mohamed, M.S., Abtan, A.A., Moosa, A.U.	Microstructure and Mechanical Properties Assessments of 304 Austenitic Stainless Steel and Monel 400 Dissimilar GTAW Weldment	migrated grain boundaries (MGBs), epitaxial growth, partial melting zone (PMZ), unmixed zone (UZ)	33, 3, 135-144	https://doi.org/10.18280/rcma.330301	Mohamed, M.S., Abtan, A.A., Moosa, A.U. (2023). Microstructure and mechanical properties assessments of 304 austenitic stainless steel and Monel 400 dissimilar GTAW weldment. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 135-144. https://doi.org/10.18280/rcma.330301

86	Suyitno, B.M., Rahmalina, D., Ismail, I., Rahman, R.A.	Superior Long-Term Performance of Composite Phase Change Material with High-Density Polyethylene under Thermal Aging Process	composite phase change material, high-density polyethylene, shrinkage effect, thermal degradation, void formation	33, 3, 145-151	https://doi.org/10.18280/rcma.330302	Suyitno, B.M., Rahmalina, D., Ismail, I., Rahman, R.A. (2023). Superior long-term performance of composite phase change material with high-density polyethylene under thermal aging process. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 145-151. https://doi.org/10.18280/rcma.330302
87	Malti, A., Masri, T., Yagoub, M., Mahbulbul, I.M., Ghazali, A., Benchabane, A.	Manufacturing of Composite Panels from Date Palm Leaflet and Expanded Polystyrene Wastes Using Hot Compression Moulding Process	Biocomposite panels, biowaste, date palm leaflets, expanded polystyrene, hot compression moulding process, mechanical properties, waste utilization	33, 3, 153-164	https://doi.org/10.18280/rcma.330303	Malti, A., Masri, T., Yagoub, M., Mahbulbul, I.M., Ghazali, A., Benchabane, A. (2023). Manufacturing of composite panels from date palm leaflet and expanded polystyrene wastes using hot compression moulding process. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 153-164. https://doi.org/10.18280/rcma.330303
88	Shubbar, S.D.A., Diwan, M.A., Kadhim, A.A., Diwan, A.A.	Influence of Zinc Oxide and Titanium Dioxide Nanoparticles on Kevlar/Epoxy Composites	nanoparticles, fiber reinforced, polymer, Kevlar fiber, epoxy, mechanical properties	33, 3, 165-173	https://doi.org/10.18280/rcma.330304	Shubbar, S.D.A., Diwan, M.A., Kadhim, A.A., Diwan, A.A. (2023). Influence of zinc oxide and titanium dioxide nanoparticles on Kevlar/epoxy composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 165-173. https://doi.org/10.18280/rcma.330304
89	Bathini, S.R., Alavala, R.R., Beedalannagari, O., Dasore, A., Panchal, M., Shaik, M.S.	Investigation of Vibration Characteristics of Stir Cast Aluminum Reinforced SiC Composite Beam	vibrations, frequency reduction, isolator, absorber, oil damper, stiffness	33, 3, 175-181	https://doi.org/10.18280/rcma.330305	Bathini, S.R., Alavala, R.R., Beedalannagari, O., Dasore, A., Panchal, M., Shaik, M.S. (2023). Investigation of vibration characteristics of stir cast aluminum reinforced SiC composite beam. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 175-181. https://doi.org/10.18280/rcma.330305
90	Karash, E.T., Slewa, M.Y., AL-Maula, B.H.	State Stress Analysis of Dental Restoration Materials Using the ANSYS Program	titanium, ceramic, composite material, zirconia, dental, fillings, stress, enamel, strain	33, 3, 183-192	https://doi.org/10.18280/rcma.330306	Karash, E.T., Slewa, M.Y., AL-Maula, B.H. (2023). State stress analysis of dental restoration materials using the ANSYS program. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 183-192. https://doi.org/10.18280/rcma.330306
91	Benhizia, A., Khennab, A., Bensalem, I.	Analysis for Enhancing the Performance Characteristics of Honeycomb-Filled Tubes at Constant Mass	compressive performance, energy absorption, filler material, honeycomb sandwich tubes, lightweight	33, 3, 193-199	https://doi.org/10.18280/rcma.330307	Benhizia, A., Khennab, A., Bensalem, I. (2023). Analysis for enhancing the performance characteristics of honeycomb-filled tubes at constant mass. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 193-199. https://doi.org/10.18280/rcma.330307
92	Khalil, C., Barbachi, M., El Biriane, M.	The Effect of Mussel Shell Additions on the Mechanical and Thermal Properties of Compressed Earth Blocks	earthen materials, compressed earth blocks, waste utilization, crushed mussel shells, mechanical properties, thermal properties	33, 3, 201-210	https://doi.org/10.18280/rcma.330308	Khalil, C., Barbachi, M., El Biriane, M. (2023). The effect of mussel shell additions on the mechanical and thermal properties of compressed earth blocks. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 3, pp. 201-210. https://doi.org/10.18280/rcma.330308
93	Yellapragada, N.V.S.R., Madala, V.S.K., Devarakonda, S.K., Shaik, R.S.M.A., Annamdasu, N.R., Dasari, K.R., Mohammad, H.S.	Application of Taguchi – PCA / GRA Method to Optimize the Wear Behaviour of Polyester/Carbon Fibre Composites	carbon fiber, polyester, CFRP composites, Principal Component Analysis (PCA) method, Taguchi-GRA method	33, 2, 65-73	https://doi.org/10.18280/rcma.330201	Yellapragada, N.V.S.R., Madala, V.S.K., Devarakonda, S.K., Shaik, R.S.M.A., Annamdasu, N.R., Dasari, K.R., Mohammad, H.S. (2023). Application of Taguchi – PCA / GRA method to optimize the wear behaviour of polyester/carbon fibre composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 65-73. https://doi.org/10.18280/rcma.330201
94	Abdullatef, M.S., Al-Tamimi, A., Alzubaidi, F.N., Mahmood, Y.A.	Analysis of the Joint Effect of Heat Treatments and Stress Ratio on the Growth Behavior of Fatigue Cracks in Cast Aluminum Alloys under Combined Loading (Bending-Torsion)	fatigue, short and long cracks, combined loading, cast aluminum alloys, stress ratio, crack initiation, crack propagation, underaged and overaged microstructure	33, 2, 75-83	https://doi.org/10.18280/rcma.330202	Abdullatef, M.S., Al-Tamimi, A., Alzubaidi, F.N., Mahmood, Y.A. (2023). Analysis of the joint effect of heat treatments and stress ratio on the growth behavior of fatigue cracks in cast aluminum alloys under combined loading (bending-torsion). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 75-83. https://doi.org/10.18280/rcma.330202
95	Boutlikht, M., Hebbache, K., Douadi, A., Tabchouche, S.	Assessment of the PVC Waste Addition Effect on the Concrete Mechanical Performance	mechanical performance concrete, mechanical properties, PVC waste	33, 2, 85-94	https://doi.org/10.18280/rcma.330203	Boutlikht, M., Hebbache, K., Douadi, A., Tabchouche, S. (2023). Assessment of the PVC waste addition effect on the concrete mechanical performance. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 85-94. https://doi.org/10.18280/rcma.330203
96	Lawal, S.L., Afolalu, S.A., Jen, T.C., Akinlabi, E.T.	Effects of Varying Microstructural Constituents on Corrosion Resistance: A Review	microstructure, constituents, corrosion behavior, failure, characterisation	33, 2, 95-101	https://doi.org/10.18280/rcma.330204	Lawal, S.L., Afolalu, S.A., Jen, T.C., Akinlabi, E.T. (2023). Effects of varying microstructural constituents on corrosion resistance: A review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 95-101. https://doi.org/10.18280/rcma.330204
97	Al Hussain, D.N.D., Alkanany, M.K.N., Hammoodi, K.A., Abdullah, A.R., Majdi, H.S., Habeeb, L.J.	Improving the Mechanical Properties of the Air-Conditioning Pipe Using Composite Materials	composite material, fiberglass, carbon fiber, simulation, ACP, air conditioner	33, 2, 103-109	https://doi.org/10.18280/rcma.330205	Al Hussain, D.N.D., Alkanany, M.K.N., Hammoodi, K.A., Abdullah, A.R., Majdi, H.S., Habeeb, L.J. (2023). Improving the mechanical properties of the air-conditioning pipe using composite materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 103-109. https://doi.org/10.18280/rcma.330205
98	Mounira, C., Sara, R., Ammar, H.	Effect of Dune Sand on the Properties of Reactive Powder Concrete Reinforced with Metal Fibers	dune sand, mechanical properties, physical properties, reactive powder concrete, river sand	33, 2, 111-119	https://doi.org/10.18280/rcma.330206	Mounira, C., Sara, R., Ammar, H. (2023). Effect of dune sand on the properties of reactive powder concrete reinforced with metal fibers. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 111-119. https://doi.org/10.18280/rcma.330206
99	Smaït, D.A., Mohammed, F.M., Al-Falahi, H.A., Alwan, H.L., Alani, S.	Analysis of Impact Loading Response on the Composites Materials as a Function of Graphite Filler Content Using Taguchi Method	glass-polyester, sandwich panel, graphite fillers, Taguchi's approach	33, 2, 121-125	https://doi.org/10.18280/rcma.330207	Smaït, D.A., Mohammed, F.M., Al-Falahi, H.A., Alwan, H.L., Alani, S. (2023). Analysis of impact loading response on the composites materials as a function of graphite filler content using Taguchi method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 121-125. https://doi.org/10.18280/rcma.330207
100	Nguyen, D.V., Nguyen, H.T.N.	High Carboxyl Content Cellulose Nanofibers from Banana Peel via One-Pot Nitro-Oxidative Fabrication	banana peel, biomass valorization, carboxyl cellulose, ion-exchange, one-pot strategy, nanofiber, nitro-oxidation	33, 2, 127-133	https://doi.org/10.18280/rcma.330208	Nguyen, D.V., Nguyen, H.T.N. (2023). High carboxyl content cellulose nanofibers from banana peel via one-pot nitro-oxidative fabrication. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 2, pp. 127-133. https://doi.org/10.18280/rcma.330208
101	Gopalakrishnamurthy, P.K., Sandur, C.	Investigating the Influence of Nanosilica and Fiber Layer Sequence on Interlaminar Shear Strength in Carbon-Kevlar-Epoxy Polymer Hybrid Nanocomposite	carbon, Kevlar, nanosilica, epoxy, shear, nanocomposite, polymer, hybrid	33, 1, 1-6	https://doi.org/10.18280/rcma.330101	Gopalakrishnamurthy, P.K., Sandur, C. (2023). Investigating the influence of nanosilica and fiber layer sequence on interlaminar shear strength in Carbon-Kevlar-Epoxy polymer hybrid nanocomposite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 1-6. https://doi.org/10.18280/rcma.330101
102	Hammadi, A.F., Oleiwi, A.H., Abbas, A.T., Al-Obaidi, A.J.	Effect of Alumina Particles on the Mechanical and Physical Properties of Polypropylene Whisker Reinforced Lamination 80:20 Resin Composite	composites, lamination resin 80:20, polypropylene whiskers, alumina particles, mechanical & physical properties	33, 1, 7-12	https://doi.org/10.18280/rcma.330102	Hammadi, A.F., Oleiwi, A.H., Abbas, A.T., Al-Obaidi, A.J. (2023). Effect of alumina particles on the mechanical and physical properties of polypropylene whisker reinforced lamination 80:20 resin composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 7-12. https://doi.org/10.18280/rcma.330102

103	Masri, T., Yagoub, M., Rouag, A., Benchabane, A., Guerira, B.	Characterization of a Composite Material Composed by Rubber Tire and Expanded Polystyrene Wastes	rubber tire, expanded polystyrene, wastes, recycling, composites, mechanical properties, thermal conductivity	33, 1, 13-19	https://doi.org/10.18280/rcma.330103	Masri, T., Yagoub, M., Rouag, A., Benchabane, A., Guerira, B. (2023). Characterization of a composite material composed by rubber tire and expanded polystyrene wastes. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 13-19. https://doi.org/10.18280/rcma.330103
104	Kadhim, T.R., Oleiwi, J.K., Hamad, Q.A.	Numerical and Experimental Study of Bio-Composite Plates as Internal Fixation	UHMWPE, bio-composites, bone plate, ANSYS, mechanical properties	33, 1, 21-29	https://doi.org/10.18280/rcma.330104	Kadhim, T.R., Oleiwi, J.K., Hamad, Q.A. (2023). Numerical and experimental study of bio-composite plates as internal fixation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 21-29. https://doi.org/10.18280/rcma.330104
105	Beden, S.A.J., Dambos, H.I., Abdulnabi, R.K., Mejbil, M.K., Taieh, N.K.	NanoSilver/CS Solutions Optical Characterizations and Some Applications	Ag-NPs, gamma-irradiation, optical properties, health sector	33, 1, 31-38	https://doi.org/10.18280/rcma.330105	Beden, S.A.J., Dambos, H.I., Abdulnabi, R.K., Mejbil, M.K., Taieh, N.K. (2023). NanoSilver/CS solutions optical characterizations and some applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 31-38. https://doi.org/10.18280/rcma.330105
106	Oyebanji, J.A., Onokwai, A.O., Okokpuje, I.P., Ukegbu, C.F., Suyi-Ajayi, A., Nnochiri, E.S., Tartibu, L.K.	Characterization of Adansonia Digitata (Baobab Wood) Bio-Oil and Biochar Produced Using a Fixed-Bed Tubular Reactor	Adansonia digitata, biochar, biomass, bio-oil, pyrolysis	33, 1, 39-46	https://doi.org/10.18280/rcma.330106	Oyebanji, J.A., Onokwai, A.O., Okokpuje, I.P., Ukegbu, C.F., Suyi-Ajayi, A., Nnochiri, E.S., Tartibu, L.K. (2023). Characterization of adansonia digitata (Baobab Wood) bio-oil and biochar produced using a fixed-bed tubular reactor. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 39-46. https://doi.org/10.18280/rcma.330106
107	Al-Joubori, A.A., Moosa, A.U., Mejbil, M.K.	Mechanically Alloyed: Synthesis of Nanostructured Intermetallic Compound of Zinc Selenide	mechanical alloying, zinc selenide, thermal stability, intermetallic compound, X-ray diffraction	33, 1, 47-51	https://doi.org/10.18280/rcma.330107	Al-Joubori, A.A., Moosa, A.U., Mejbil, M.K. (2023). Mechanically alloyed: Synthesis of nanostructured intermetallic compound of zinc selenide. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 47-51. https://doi.org/10.18280/rcma.330107
108	Sabur, D.A., Habeeb, M.A., Hashim, A.	Fabrication and Investigating the Structural and Dielectric Characteristics of In2O3-GO/PMMA-PC Nanostructures for Electronics Nanodevices	In2O3, nanocomposites, PMMA, dielectric properties, graphene oxide	33, 1, 53-57	https://doi.org/10.18280/rcma.330108	Sabur, D.A., Habeeb, M.A., Hashim, A. (2023). Fabrication and investigating the structural and dielectric characteristics of In2O3-GO/PMMA-PC nanostructures for electronics nanodevices. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 53-57. https://doi.org/10.18280/rcma.330108
109	Babty, F., Fekkar, S., Derouiche, A., Mordane, S., El Assyry, A., Hachim, A.	Experiments on Mechanical Properties of Bio-Composite Produced from the Shell of Argan Nuts	argan nut shell, urea-formaldehyde, young module, traction, bending strength	33, 1, 59-64	https://doi.org/10.18280/rcma.330109	Babty, F., Fekkar, S., Derouiche, A., Mordane, S., El Assyry, A., Hachim, A. (2023). Experiments on mechanical properties of bio-composite produced from the shell of argan nuts. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 33, No. 1, pp. 59-64. https://doi.org/10.18280/rcma.330109
110	Zakaria, O., Karima, B., Zoulikha, N.	Investigation of the Impact of Magnesium Doping on the Structural and Dielectric Properties of the Compound: (Na0.5Bi0.5)1-xMgx(Ti0.8Zr0.2)0.9(Nb2/3Zn1/3)0.1]O3 (NBMTZNZ)	BNT, perovskite, DRX, SEM, molten salt, dielectric	32, 6, 265-269	https://doi.org/10.18280/rcma.320601	Zakaria, O., Karima, B., Zoulikha, N. (2022). Investigation of the impact of magnesium doping on the structural and dielectric properties of the compound: (Na0.5Bi0.5)1-xMgx(Ti0.8Zr0.2)0.9(Nb2/3Zn1/3)0.1]O3 (NBMTZNZ). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 265-269. https://doi.org/10.18280/rcma.320601
111	Adetunla, A., Adaramola, B., Ikumapayi, O., Ige, E.O., Afolalu, S.	An In-Depth Study of Magnesium Composite in Various Corrosive Media: Insight in Orthopedic Implant	calcium carbonate, corrosion rate, impact test, metal matrix composite, orthopedic implant	32, 6, 271-276	https://doi.org/10.18280/rcma.320602	Adetunla, A., Adaramola, B., Ikumapayi, O., Ige, E.O., Afolalu, S. (2022). An in-depth study of magnesium composite in various corrosive media: Insight in orthopedic implant. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 271-276. https://doi.org/10.18280/rcma.320602
112	Djeboun, Y., Hecini, M.	Physycal and Thermomechanical Characteristics of Epoxy Biocomposites Laminates Reinforced by Mat of Date Palm Tree Fibers	biocomposite, date palm tree fibers, laminate, mat of fibers, mechanical characterization, thermal properties, physical properties, contact molding process	32, 6, 277-283	https://doi.org/10.18280/rcma.320603	Djeboun, Y., Hecini, M. (2022). Physycal and thermomechanical characteristics of epoxy biocomposites laminates reinforced by mat of date palm tree fibers. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 277-283. https://doi.org/10.18280/rcma.320603
113	Makhatha, M.E., Baruwa, A.D., Gonya, E.	Grain Boundary and Microstructural Characterization of Heat-Treated As-Rolled 2205 Duplex Stainless Steel	austenite, duplex stainless steel, equiaxed, ferrite, grain boundary, microstructure, Widmanstätten	32, 6, 285-293	https://doi.org/10.18280/rcma.320604	Makhatha, M.E., Baruwa, A.D., Gonya, E. (2022). Grain boundary and microstructural characterization of heat-treated as-rolled 2205 duplex stainless steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 285-293. https://doi.org/10.18280/rcma.320604
114	Rashid, F.L., Basem, A., Khalaf, F.A.A., Abbas, M.H., Hashim, A.	Recent Breakthroughs and Improvements in Phase Change Material Melting in a Triple-Tube Thermal Storage Unit	energy storage, fins, nanoparticles, melting enhancement, triple-tube thermal storage	32, 6, 295-304	https://doi.org/10.18280/rcma.320605	Rashid, F.L., Basem, A., Khalaf, F.A.A., Abbas, M.H., Hashim, A. (2022). Recent breakthroughs and improvements in phase change material melting in a triple-tube thermal storage unit. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 295-304. https://doi.org/10.18280/rcma.320605
115	Mohammed, M.K., Abdullah, E.H., Hassan, D., Hashim, A.	Effect of Titanium Nitrate Nanoparticles on Optical Properties of PVA/PEG Blend for Optoelectronics Detectors	nanocomposite, TiN optical characterise, PVA/PEG, nanoparticle	32, 6, 305-309	https://doi.org/10.18280/rcma.320606	Mohammed, M.K., Abdullah, E.H., Hassan, D., Hashim, A. (2022). Effect of titanium nitrate nanoparticles on optical properties of PVA/PEG blend for optoelectronics detectors. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 305-309. https://doi.org/10.18280/rcma.320606
116	Chary, K.S., Munilakshmi, N.	Experimental Research Study on Geo Polymer Concrete Using Eggshell Powder with Reaction Generating Liquid	flyash, eggshell powder, river sand, coarse aggregate, reaction generating liquid	32, 6, 311-319	https://doi.org/10.18280/rcma.320607	Chary, K.S., Munilakshmi, N. (2022). Experimental research study on geo polymer concrete using eggshell powder with reaction generating liquid. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 6, pp. 311-319. https://doi.org/10.18280/rcma.320607
117	Djemai, H., Djoudi, T., Labeled, A.	Experimental Investigation of Mechanical Behaviour and Damage of Bio-Sourced Sandwich Structures Based on Date Palm Tree Waste and Cork Materials	palm, rachis fibers, epoxy resin, cork agglomerate, petiole agglomerate, overall stiffness, delamination, energy release rate	32, 5, 215-222	https://doi.org/10.18280/rcma.320501	Djemai, H., Djoudi, T., Labeled, A. (2022). Experimental investigation of mechanical behaviour and damage of bio-sourced sandwich structures based on date palm tree waste and cork materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 215-222. https://doi.org/10.18280/rcma.320501
118	Mohammed, A.S.S.K., Kurovics, E., Ibrahim, J.E.F.M., Tihth, M., Simon, A., Géber, R.	Preparation of an Aluminum Titania /Mullite Composite from the Raw Materials Alumina, Titania and Silica Fume	alumina, titania, silica fume, aluminum titanate, mullite	32, 5, 223-228	https://doi.org/10.18280/rcma.320502	Mohammed, A.S.S.K., Kurovics, E., Ibrahim, J.E.F.M., Tihth, M., Simon, A., Géber, R. (2022). Preparation of an aluminum titania /mullite composite from the raw materials alumina, titania and silica fume. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 223-228. https://doi.org/10.18280/rcma.320502
119	Fethallah, A., Deghboudj, S.	A Three-Node Triangular Constant Strain Element for Evaluation of Stress Concentration Factor of a Rectangular Thin Plate Under Tension Load	stress concentration factor, plate with hole finite element method, MATLAB programming	32, 5, 229-235	https://doi.org/10.18280/rcma.320503	Fethallah, A., Deghboudj, S. (2022). A three-node triangular constant strain element for evaluation of stress concentration factor of a rectangular thin plate under tension load. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 229-235. https://doi.org/10.18280/rcma.320503

120	Abed, I.J.	Effect of Spindle Speed on Microstructure and Flexural Strength of Dental Direct Bio Zirconia	microstructure, hardness, dental, CNC, flexural strength, sintering	32, 5, 237-242	https://doi.org/10.18280/rcma.320504	Abed, I.J. (2022). Effect of spindle speed on microstructure and flexural strength of dental direct bio zirconia. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 237-242. https://doi.org/10.18280/rcma.320504
121	Issam, T.	Study the Ideal Proportions of Matrix, Reinforcing Materials and Additives to Obtain a Composite Material with High Tensile Strength	unsaturated polyester, glass fiber, tensile strength, sawdust	32, 5, 243-251	https://doi.org/10.18280/rcma.320505	Issam, T. (2022). Study the ideal proportions of matrix, reinforcing materials and additives to obtain a composite material with high tensile strength. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 243-251. https://doi.org/10.18280/rcma.320505
122	Ghazi, A.K., Taieh, N.K., Khudhur, S.K.	Investigation of Dry Tribo-Behavior of Aluminum Alloy AA6061/Al ₂ O ₃ /Graphite Composites Synthesized by Stir Casting Technique	aluminum matrix composites, wear rate, coefficient of friction, mechanical performance, alumina, graphite	32, 5, 253-259	https://doi.org/10.18280/rcma.320506	Ghazi, A.K., Taieh, N.K., Khudhur, S.K. (2022). Investigation of dry tribo-behavior of aluminum alloy AA6061/Al ₂ O ₃ /Graphite composites synthesized by stir casting technique. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 253-259. https://doi.org/10.18280/rcma.320506
123	Hayder, N., Hashim, A., Habeeb, M.A., Rabee, B.H., Hadi, A.G., Mohammed, M.K.	Analysis of Dielectric Properties of PVA/PEG/In ₂ O ₃ Nanostructures for Electronics Devices	In ₂ O ₃ , nanostructures, dielectric, PVA/PEG, nanodevices, conductivity	32, 5, 261-264	https://doi.org/10.18280/rcma.320507	Hayder, N., Hashim, A., Habeeb, M.A., Rabee, B.H., Hadi, A.G., Mohammed, M.K. (2022). Analysis of dielectric properties of PVA/PEG/In ₂ O ₃ nanostructures for electronics devices. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 5, pp. 261-264. https://doi.org/10.18280/rcma.320507
124	Masmoudi, M., Kaddouri, W., Bourih, K., Bourih, A., Madani, S.	A Multi-Scale Homogenization Procedure for the Estimation of Young's Modulus of Porous Materials by a Multi-Void Shape Model	multi-phase porous materials, mean-field technique, multi-scale numerical homogenization, effective Young's modulus, multi-pore shape model	32, 4, 165-172	https://doi.org/10.18280/rcma.320401	Masmoudi, M., Kaddouri, W., Bourih, K., Bourih, A., Madani, S. (2022). A multi-scale homogenization procedure for the estimation of Young's modulus of porous materials by a multi-void shape model. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 165-172. https://doi.org/10.18280/rcma.320401
125	Beden, S.A.J., Ati, A.A., Alimarah, K.A.F., Saihood, S.K., Abdulnabi, R.K., Mejbil, M.K.	Green Synthesis and Characterization of Silver Nanoparticles / CM-Chitosan-Isopropanol by Gamma Irradiations Method	Ag-NPs, gamma radiation, CM-chitosan-isopropanol, antibacterial agent	32, 4, 173-180	https://doi.org/10.18280/rcma.320402	Beden, S.A.J., Ati, A.A., Alimarah, K.A.F., Saihood, S.K., Abdulnabi, R.K., Mejbil, M.K. (2022). Green synthesis and characterization of silver nanoparticles / CM-chitosan-isopropanol by gamma irradiations method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 173-180. https://doi.org/10.18280/rcma.320402
126	Mahenran, T., Rajammal, V.K.K.N.	Mechanical and Morphological Investigation of Aluminium 7075 Reinforced with Nano Graphene / Aluminium Oxide / Inconel Alloy 625 Using Ultrasonic Stir Casting Method	metal – aluminium hybrid matrix composite, ultrasonic stir casting, reinforcement, porosity, wettability	32, 4, 181-189	https://doi.org/10.18280/rcma.320403	Mahenran, T., Rajammal, V.K.K.N. (2022). Mechanical and morphological investigation of aluminium 7075 reinforced with nano graphene / aluminium oxide / inconel alloy 625 using ultrasonic stir casting method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 181-189. https://doi.org/10.18280/rcma.320403
127	Mohammed, R.A., Attallah, M.S., Al-Zubidi, A.B., Al-Gebory, L.	Investigation of the Effect of Waste Materials on the Properties of the Composite Polymer Prosthetics Limbs	natural waste (paper fibers), mechanical properties, poly methyl methacrylate polymer	32, 4, 191-197	https://doi.org/10.18280/rcma.320404	Mohammed, R.A., Attallah, M.S., Al-Zubidi, A.B., Al-Gebory, L. (2022). Investigation of the effect of waste materials on the properties of the composite polymer prosthetics limbs. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 191-197. https://doi.org/10.18280/rcma.320404
128	Ogedengbe, T.S., Ikumapayi, O.M., Afolalu, S.A., Musa-Olokuta, A.I., Adeyi, T.A., Omovigho, M.O., Nkanga, J.B.	Comparative Analysis on the Effect of Agro-Waste Based Flux During Arc-Welding of Mild-Steel	arc-welding, coconut shell, eggshell, flux, mild steel	32, 4, 199-204	https://doi.org/10.18280/rcma.320405	Ogedengbe, T.S., Ikumapayi, O.M., Afolalu, S.A., Musa-Olokuta, A.I., Adeyi, T.A., Omovigho, M.O., Nkanga, J.B. (2022). Comparative analysis on the effect of agro-waste based flux during arc-welding of mild-steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 199-204. https://doi.org/10.18280/rcma.320405
129	Mohammed, M.K., Abbas, M.H., Hashim, A., Rabee, R.H., Habeeb, M.A., Hamid, N.	Enhancement of Optical Parameters for PVA/PEG/Cr ₂ O ₃ Nanocomposites for Photonics Fields	Cr ₂ O ₃ , nanocomposites, optical properties, blend, nanoparticles	32, 4, 205-209	https://doi.org/10.18280/rcma.320406	Mohammed, M.K., Abbas, M.H., Hashim, A., Rabee, R.H., Habeeb, M.A., Hamid, N. (2022). Enhancement of optical parameters for PVA/PEG/Cr ₂ O ₃ nanocomposites for photonics fields. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 205-209. https://doi.org/10.18280/rcma.320406
130	Tourta, N., Meghezzi, A., Boussehel, H.	Morphological and Thermal Properties of Polystyrene/Poly (Vinyl Chloride) Blends	PS/PVCblends, TGA, immiscible, polymer blends, morphology	32, 4, 211-214	https://doi.org/10.18280/rcma.320407	Tourta, N., Meghezzi, A., Boussehel, H. (2022). Morphological and thermal properties of polystyrene/poly (vinyl chloride) blends. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 4, pp. 211-214. https://doi.org/10.18280/rcma.320407
131	Shakir, R.A., Mezher, M.T., Geber, R.	Synthesis and Characterization of Erbium Doped Lead Zirconate Titante Thin Films	radio frequency magnetron sputtering, thin films, PZT, dielectric constant, curie temperature	32, 3, 111-116	https://doi.org/10.18280/rcma.320301	Shakir, R.A., Mezher, M.T., Geber, R. (2022). Synthesis and characterization of erbium doped lead zirconate titante thin films. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 111-116. https://doi.org/10.18280/rcma.320301
132	Ali, H.B., Oleiwi, J.K., Othman, F.M.	Compressive and Tensile Properties of ABS Material as a Function of 3D Printing Process Parameters	additive manufacturing, fused deposition modeling, compressive, ABS, infill pattern, layer thickness	32, 3, 117-123	https://doi.org/10.18280/rcma.320302	Ali, H.B., Oleiwi, J.K., Othman, F.M. (2022). Compressive and tensile properties of ABS material as a function of 3D printing process parameters. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 117-123. https://doi.org/10.18280/rcma.320302
133	Syahid, M., Hayat, A., Aswar.	Effect of Graphite Addition on Aluminum Hybrid Matrix Composite by Powder Metallurgy Method	powder metallurgy, metal matrix composite, graphite addition, hybrid composite, lightweight composite, aluminum matrix composite, sintering	32, 3, 125-132	https://doi.org/10.18280/rcma.320303	Syahid, M., Hayat, A., Aswar. (2022). Effect of graphite addition on aluminum hybrid matrix composite by powder metallurgy method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 125-132. https://doi.org/10.18280/rcma.320303
134	Zaki, B.A.R., Rashid, F.L., Al-Baiati, M.N.	Glycerol /Phthalic Anhydride Novel Nano Composite for Microwave Absorbing Applications	microwave absorbing material, nanocomposite, radar absorbing materials, electromagnetic applications	32, 3, 133-139	https://doi.org/10.18280/rcma.320304	Zaki, B.A.R., Rashid, F.L., Al-Baiati, M.N. (2022). Glycerol /phthalic anhydride novel nano composite for microwave absorbing applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 133-139. https://doi.org/10.18280/rcma.320304
135	Imad, E.F., Rabie, F.A., Asmaa, F.L., Mohammed, A., Laila, B.A.	The Effect of Chromium on the Chemical and Physical Properties of Industrial Sludge Based Geopolymer	chromium, compressive strength, geopolymer, industrial sludge	32, 3, 141-147	https://doi.org/10.18280/rcma.320305	Imad, E.F., Rabie, F.A., Asmaa, F.L., Mohammed, A., Laila, B.A. (2022). The effect of chromium on the chemical and physical properties of industrial sludge based geopolymer. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 141-147. https://doi.org/10.18280/rcma.320305
136	Ghazi, A.K., Muhmmmed, A.A., Taieh, N.K., Mejbil, M.K.	Tribological and Mechanical Performance of Epoxy Reinforced by Fish Scales Powder	fish scales powder, tribological behaviour, mechanical performance, epoxy composites	32, 3, 149-155	https://doi.org/10.18280/rcma.320306	Ghazi, A.K., Muhmmmed, A.A., Taieh, N.K., Mejbil, M.K. (2022). Tribological and mechanical performance of epoxy reinforced by fish scales powder. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 149-155. https://doi.org/10.18280/rcma.320306

137	Youcef, A., Saim, R.	Effect of Spacing Between Baffles on the Dynamic and Thermal Behavior of Water in a Shell-and-Tube Heat Exchanger	baffle, shell and tube heat exchanger, CFD	32, 3, 157-163	https://doi.org/10.18280/rcma.320307	Youcef, A., Saim, R. (2022). Effect of spacing between baffles on the dynamic and thermal behavior of water in a shell-and-tube heat exchanger. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 3, pp. 157-163. https://doi.org/10.18280/rcma.320307
138	Tchamba, J.C., Bikoko, T.G.L.J., Okonta, F.N.	Study of Hydraulic Conductivity on Fresh Cement-Based Materials; Laboratory Experiments	fresh cement pastes, fresh limestone filler pastes, hydraulic conductivity, rheology, water-to-cement ratio (W/C), water-to-limestone filler ratio (W/Fc)	32, 2, 53-60	https://doi.org/10.18280/rcma.320201	Tchamba, J.C., Bikoko, T.G.L.J., Okonta, F.N. (2022). Study of hydraulic conductivity on fresh cement-based materials; laboratory experiments. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 53-60. https://doi.org/10.18280/rcma.320201
139	Achouri, S., Redjel, B., Bourebia, M.	Effect of Size and Volume on the Breaking Properties of Fragile Materials: The Case of Laminate for Orthopedic Acrylic Glass-Perlon Use	composite, Weibull, probability, fracture, damage	32, 2, 61-68	https://doi.org/10.18280/rcma.320202	Achouri, S., Redjel, B., Bourebia, M. (2022). Effect of size and volume on the breaking properties of fragile materials: The case of laminate for orthopedic acrylic glass-perlon use. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 61-68. https://doi.org/10.18280/rcma.320202
140	Talla, H.K., Hassan, A.K.F., Oleiwi, J.K.	An Investigation into the Effect of Adding Carbon and Glass Fibres to UHMWPE Fibres on the Mechanical Characteristics of a Sports Prosthetic Foot	athletic prosthetic, UHMWPE, ANSYS program, carbon fiber, glass fiber	32, 2, 69-76	https://doi.org/10.18280/rcma.320203	Talla, H.K., Hassan, A.K.F., Oleiwi, J.K. (2022). An investigation into the effect of adding carbon and glass fibres to UHMWPE fibres on the mechanical characteristics of a sports prosthetic foot. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 69-76. https://doi.org/10.18280/rcma.320203
141	Jamasri, Yudhanto, F.	The Effect of Alkali Treatment and Addition of Microcrystalline Cellulose (MCC) on Physical and Tensile Properties of Ramie/Polyester Laminated Composites	ramie fiber, microcrystalline cellulose, crystallinity index, polyester resin, laminated composites, tensile strength and elastic modulus	32, 2, 77-84	https://doi.org/10.18280/rcma.320204	Jamasri, Yudhanto, F. (2022). The effect of alkali treatment and addition of microcrystalline cellulose (MCC) on physical and tensile properties of ramie/polyester laminated composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 77-84. https://doi.org/10.18280/rcma.320204
142	Tebbal, N., Maza, M., Zitouni, S., Rahmouni, Z.E.A.	Combined Impact of Replacing Dune Sand with Glass Sand and Metal Fibers on Mortar Properties	metal fibers, glass powder, air-entraining agent, mechanical behavior, mortar	32, 2, 85-90	https://doi.org/10.18280/rcma.320205	Tebbal, N., Maza, M., Zitouni, S., Rahmouni, Z.E.A. (2022). Combined impact of replacing dune sand with glass sand and metal fibers on mortar properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 85-90. https://doi.org/10.18280/rcma.320205
143	Adeleke, A.A., Oki, M., Anyim, I.K., Ikubanni, P.P., Adediran, A.A., Balogun, A.A., Orhadahwe, T.A., Omoniyi, P.O., Olabisi, A.S., Akinlabi, E.T.	Recent Development in Casting Technology: A Pragmatic Review	casting, foundry, manufacturing process, mold, pattern	32, 2, 91-102	https://doi.org/10.18280/rcma.320206	Adeleke, A.A., Oki, M., Anyim, I.K., Ikubanni, P.P., Adediran, A.A., Balogun, A.A., Orhadahwe, T.A., Omoniyi, P.O., Olabisi, A.S., Akinlabi, E.T. (2022). Recent development in casting technology: A pragmatic review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 91-102. https://doi.org/10.18280/rcma.320206
144	Yerigeri, S.V., Biradar, S.K.	Experimental Estimation of Wear Behavior of Al6082 and Al7075 Alloys During Cold Forging	cold forging, frictional force, frictional stress, pin-on-disc, wear	32, 2, 103-110	https://doi.org/10.18280/rcma.320207	Yerigeri, S.V., Biradar, S.K. (2022). Experimental estimation of wear behavior of Al6082 and Al7075 alloys during cold forging. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 2, pp. 103-110. https://doi.org/10.18280/rcma.320207
145	Najem, M.K., Karash, E.T., Sultan, J.N.	The Amount of Excess Weight from the Design of an Armored Vehicle Body by Using Composite Materials Instead of Steel	armored, carbon fiber, fiberglass, bulk materials, composite materials, epoxy	32, 1, 1-10	https://doi.org/10.18280/rcma.320101	Najem, M.K., Karash, E.T., Sultan, J.N. (2022). The amount of excess weight from the design of an armored vehicle body by using composite materials instead of steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 1-10. https://doi.org/10.18280/rcma.320101
146	Babaremu, K.O., Jen, T.C., Oladijo, P.O., Akinlabi, E.T.	Mechanical, Corrosion Resistance Properties and Various Applications of Titanium and Its Alloys: A Review	titanium, corrosion, alloys, strengthening, materials	32, 1, 11-16	https://doi.org/10.18280/rcma.320102	Babaremu, K.O., Jen, T.C., Oladijo, P.O., Akinlabi, E.T. (2020). Mechanical, corrosion resistance properties and various applications of titanium and its alloys: A review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 11-16. https://doi.org/10.18280/rcma.320102
147	AL-Saadi, T.H.A., Abdulnabi, R.K., Ismael, M.N., Hassan, H.F., Mejbel, M.K.	Glass Waste Based Geopolymers and Their Characteristics	brown color glass powder, inorganic polymers, heat treatment, foaming	32, 1, 17-23	https://doi.org/10.18280/rcma.320103	AL-Saadi, T.H.A., Abdulnabi, R.K., Ismael, M.N., Hassan, H.F., Mejbel, M.K. (2022). Glass waste based geopolymers and their characteristics. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 17-23. https://doi.org/10.18280/rcma.320103
148	Abd Ali, M.A., Shareef, A.A.	Green Synthesis of Silver Nanoparticles: An Application of Antibiotics	green synthesis, silver nanoparticles, dental, XRD, antagonistic effects	32, 1, 25-31	https://doi.org/10.18280/rcma.320104	Abd Ali, M.A., Shareef, A.A. (2022). Green synthesis of silver nanoparticles: An application of antibiotics. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 25-31. https://doi.org/10.18280/rcma.320104
149	Louafi, B., Dafalla, M.A.	Moisture and Dry Density Influence on Compacted Clay and Clay-Sand Mixtures	clay soils, swelling, state parameters, water content, dry density, sand-clay mixture	32, 1, 33-38	https://doi.org/10.18280/rcma.320105	Louafi, B., Dafalla, M.A. (2022). Moisture and dry density influence on compacted clay and clay-sand mixtures. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 33-38. https://doi.org/10.18280/rcma.320105
150	Hanoon, W.H., Namer, N.S.M., Nama, S.A.	Bending Titanium Sheets with 3D-Printed PETG Tools	3D printing, bending rocker, deform 2D, spring back, TiG2	32, 1, 39-43	https://doi.org/10.18280/rcma.320106	Hanoon, W.H., Namer, N.S.M., Nama, S.A. (2022). Bending titanium sheets with 3D-printed PETG tools. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 39-43. https://doi.org/10.18280/rcma.320106
151	Djoudi, T., Djemai, H., Hecini, M., Ferhat, A.	Physical, Thermal and Mechanical Characterization of a New Material Composite Based on Fibrous Wood Particles of Date Palm Tree	date palm tree, petiole, wood particle composite, mechanical characterization, thermal properties, physical properties	32, 1, 45-52	https://doi.org/10.18280/rcma.320107	Djoudi, T., Djemai, H., Hecini, M., Ferhat, A. (2022). Physical, thermal and mechanical characterization of a new material composite based on fibrous wood particles of date palm tree. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 32, No. 1, pp. 45-52. https://doi.org/10.18280/rcma.320107
152	Agarwal, A., Mthembu, L.	Modelling and FE Simulation of HVC Using Multi Objective Response Surface Optimization Techniques	heavy vehicle chassis (HVC), automobile, stress, deformation, Al6092/SiC/17.5p MMC	31, 6, 307-315	https://doi.org/10.18280/rcma.310601	Agarwal, A., Mthembu, L. (2021). Modelling and FE simulation of HVC using multi objective response surface optimization techniques. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 307-315. https://doi.org/10.18280/rcma.310601
153	Berkouk, A., Meghezzi, A., Chelali, H., Soltani, M.T.	Mechanical, Morphological, Thermal and Dynamic Study of Composites of Unsaturated Polyesters-Date Palm Leaf Fiber DPLF	unsaturated polyester, date palm fiber, mechanical analysis, thermal analysis, morphological analysis, dynamic study	31, 6, 317-323	https://doi.org/10.18280/rcma.310602	Berkouk, A., Meghezzi, A., Chelali, H., Soltani, M.T. (2021). Mechanical, morphological, thermal and dynamic study of composites of unsaturated polyesters-date palm leaf fiber DPLF. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 317-323. https://doi.org/10.18280/rcma.310602

154	Olewi, J.K., Mohammed, R.A.	Comparison of the Wear Behavior and Hardness of Vinylester Resin Reinforced by Glass Fiber and Nano ZrO ₂ and Fe ₃ O ₄	vinyl ester resin, nanoparticles, Taguchi's e	31, 6, 325-333	https://doi.org/10.18280/rcma.310603	Olewi, J.K., Mohammed, R.A. (2021). Comparison of the wear behavior and hardness of vinylester resin reinforced by glass fiber and nano ZrO ₂ and Fe ₃ O ₄ . <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 325-333. https://doi.org/10.18280/rcma.310603
155	Younsi, A.M., Gacem, L., Soltani, M.T.	Lattice Parameters, Electronic, and Magnetic Properties of Cubic Perovskite Oxides ARuO ₃ (A=Sr, Rb): A First-Principles Study	ab initio calculations, density-functional theory, cubic perovskites, ferromagnetic ground state, RbRuO ₃	31, 6, 335-340	https://doi.org/10.18280/rcma.310604	Younsi, A.M., Gacem, L., Soltani, M.T. (2021). Lattice parameters, electronic, and magnetic properties of cubic perovskite oxides ARuO ₃ (A=Sr, Rb): A first principles study. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 335-340. https://doi.org/10.18280/rcma.310604
156	Karash, E.T., Sediqer, T.A.A., Kassim, M.T.E.	A Comparison Between a Solid Block Made of Concrete and Others Made of Different Composite Materials	solid block, composite material, concrete, fiber glass, carbon fiber, finite element	31, 6, 341-347	https://doi.org/10.18280/rcma.310605	Karash, E.T., Sediqer, T.A.A., Kassim, M.T.E. (2021). A comparison between a solid block made of concrete and others made of different composite materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 341-347. https://doi.org/10.18280/rcma.310605
157	Abima, C.S., Akinlabi, S.A., Madushele, N., Akinlabi, E.T.	Process Parameters Optimization for GMA Welding of AISI 1008 Steel Joints for Optimal Tensile Strength	ANOVA, current, GMAW, gas flow rate, Taguchi, tensile strength, optimization, voltage	31, 6, 349-354	https://doi.org/10.18280/rcma.310606	Abima, C.S., Akinlabi, S.A., Madushele, N., Akinlabi, E.T. (2021). Process parameters optimization for GMA welding of AISI 1008 steel joints for optimal tensile strength. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 349-354. https://doi.org/10.18280/rcma.310606
158	Omoniyi, P.O., Mahamood, R.M., Jen, T.C., Akinlabi, E.T.	An Overview of TIG Welding of Ti6Al4V: Recent Developments	microstructure, optimization, welding, TIG, titanium alloys	31, 5, 265-274	https://doi.org/10.18280/rcma.310501	Omoniyi, P.O., Mahamood, R.M., Jen, T.C., Akinlabi, E.T. (2021). An overview of TIG welding of Ti6Al4V: Recent developments. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 265-274. https://doi.org/10.18280/rcma.310501
159	Bikoko, T.G.L.J.	A Cameroonian Study on Mixing Concrete with Wood Ashes: Effects of 0-30% Wood Ashes as a Substitute of Cement on the Strength of Concretes	avocado ash, eucalyptus ash, cement, compressive strength, concrete	31, 5, 275-282	https://doi.org/10.18280/rcma.310502	Bikoko, T.G.L.J. (2021). A Cameroonian study on mixing concrete with wood ashes: Effects of 0-30% wood ashes as a substitute of cement on the strength of concretes. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 275-282. https://doi.org/10.18280/rcma.310502
160	Huang, C.S., Gao, D.Y., You, P.B.	Viscoelastic Mechanical Model of Asphalt Concrete Considering the Influence of Characteristic Parameter of Fiber Content	fiber-reinforced asphalt concrete, viscoelastic performance, bending creep test, characteristic parameter of fiber content (FCCP)	31, 5, 283-290	https://doi.org/10.18280/rcma.310503	Huang, C.S., Gao, D.Y., You, P.B. (2021). Viscoelastic mechanical model of asphalt concrete considering the influence of characteristic parameter of fiber content. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 283-290. https://doi.org/10.18280/rcma.310503
161	Mohammed, K.A., Mansi, A.I., Hussein, Y.R.	Performance Evaluation of Asphalt Binder Modified by Natural Rock Asphalt	natural rock asphalt, modified asphalt, performance, flash point, improvement	31, 5, 291-295	https://doi.org/10.18280/rcma.310504	Mohammed, K.A., Mansi, A.I., Hussein, Y.R. (2021). Performance evaluation of asphalt binder modified by natural rock asphalt. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 291-295. https://doi.org/10.18280/rcma.310504
162	Babty, F., Hachim, A., Mourabit, M., Mordane, S., Bettachy, A., El Assry, A., Derouiche, A.	Study of the Swelling of a Composite Based on Argan Nut, Urea-Formaldehyde and Water as a Non-Polluting Solvent	biomaterials, shells, swelling coefficient, u	31, 5, 297-300	https://doi.org/10.18280/rcma.310505	Babty, F., Hachim, A., Mourabit, M., Mordane, S., Bettachy, A., El Assry, A., Derouiche, A. (2021). Study of the swelling of a composite based on argan nut, urea-formaldehyde and water as a non-polluting solvent. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 297-300. https://doi.org/10.18280/rcma.310505
163	Ibeabuchi, V.T., Ibearugbulem, M.O., Njoku, K.O., Ihemegbulem, E.O., Okorie, P.O.	A Contribution to Analytical Solutions for Buckling Analysis of Axially Compressed Rectangular Stiffened Panels	analytical approach, buckling, Ritz method, stiffened panels, exact deflection function	31, 5, 301-306	https://doi.org/10.18280/rcma.310506	Ibeabuchi, V.T., Ibearugbulem, M.O., Njoku, K.O., Ihemegbulem, E.O., Okorie, P.O. (2021). A contribution to analytical solutions for buckling analysis of axially compressed rectangular stiffened panels. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 301-306. https://doi.org/10.18280/rcma.310506
164	Brahimi, A., Bourouba, N., Jiménez, J.P.M., Bouzit, N.	A High Frequency Dielectric Behavior Modeling of a ReXTMnO ₂ Ternary Composite as an Equivalent Binary Mixture	mixture's laws, modeling, shape factor, ternary, binary	31, 4, 181-191	https://doi.org/10.18280/rcma.310401	Brahimi, A., Bourouba, N., Jiménez, J.P.M., Bouzit, N. (2021). A high frequency dielectric behavior modeling of a ReXTMnO ₂ ternary composite as an equivalent binary mixture. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 181-191. https://doi.org/10.18280/rcma.310401
165	Djemai, H., Labed, A., Hecini, M., Djoudi, T.	Delamination Analysis of Composite Sandwich Plate of Cork Agglomerate/Glass Fiber-Polyester: An Experimental Investigation	ate, sandwich, delamination, energy releas	31, 4, 193-197	https://doi.org/10.18280/rcma.310402	Djemai, H., Labed, A., Hecini, M., Djoudi, T. (2021). Delamination analysis of composite sandwich plate of cork agglomerate/glass fiber-polyester: An experimental investigation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 193-197. https://doi.org/10.18280/rcma.310402
166	Chen, G., Zong, L., Zuo, Y., Pan, J.J., Cai, X.J., Wu, F., Hou, D.D., Wang, Y.	Using Novel Grey Relational Quantitative Model to Evaluate Magnetron Sputtering Technological Parameters	magnetron sputtering, titanium dioxide coating, transmittance, thickness, improved grey relational quantitative model	31, 4, 199-205	https://doi.org/10.18280/rcma.310403	Chen, G., Zong, L., Zuo, Y., Pan, J.J., Cai, X.J., Wu, F., Hou, D.D., Wang, Y. (2021). Using novel grey relational quantitative model to evaluate magnetron sputtering technological parameters. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 199-205. https://doi.org/10.18280/rcma.310403
167	Ononiwu, N.H., Ozoegwu, C.G., Madushele, N., Akinlabi, E.T.	Machinability Studies and Optimization of AA 6082/Fly Ash/Carbonized Eggshell Matrix Composite	aluminium matrix composites, machinability, MRR; cutting temperature, BUE, chip morphology, desirability function analysis	31, 4, 207-216	https://doi.org/10.18280/rcma.310404	Ononiwu, N.H., Ozoegwu, C.G., Madushele, N., Akinlabi, E.T. (2021). Machinability studies and optimization of AA 6082/fly ash/carbonized eggshell matrix composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 207-216. https://doi.org/10.18280/rcma.310404
168	Neelmani, Sarathi, R., Suematsu, H., Tanaka, T.	Influence of Nanofiller Dispersion on Electrical and Mechanical Properties of Epoxy Alumina Nanocomposites	alumina, nanoparticles, fluorescence fiber technique, CIV, interphase, agglomeration, Young's modulus	31, 4, 217-225	https://doi.org/10.18280/rcma.310405	Neelmani, Sarathi, R., Suematsu, H., Tanaka, T. (2021). Influence of nanofiller dispersion on electrical and mechanical properties of epoxy alumina nanocomposites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 217-225. https://doi.org/10.18280/rcma.310405
169	Liang, W.	Durability of Road and Bridge Concrete and Spray-Coating Waterproof Material	road and bridge, concrete, waterproof material, durability	31, 4, 227-235	https://doi.org/10.18280/rcma.310406	Liang, W. (2021). Durability of road and bridge concrete and spray-coating waterproof material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 227-235. https://doi.org/10.18280/rcma.310406
170	Bakir, N.	Experimental Study of the Effect of Curing Mode on Concreting in Hot Weather	hot weather concreting, cementitious matrix, temperature, humidity, hot climate, cure mode, durability	31, 4, 243-248	https://doi.org/10.18280/rcma.310408	Bakir, N. (2021). Experimental study of the effect of curing mode on concreting in hot weather. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 243-248. https://doi.org/10.18280/rcma.310408

171	Zhang, Z.Q., Yang, C.S., Cheng, H., Huang, X.H., Zhu, Y.H.	The Electromagnetic Wave Absorption Performance and Mechanical Properties of Cement-Based Composite Material Mixed with Functional Aggregates with High Fe ₂ O ₃ and SiC	cement-based electromagnetic wave absorbing material, wave absorbing agent, mechanical properties	31, 4, 249-255	https://doi.org/10.18280/rcma.310409	Zhang, Z.Q., Yang, C.S., Cheng, H., Huang, X.H., Zhu, Y.H. (2021). The electromagnetic wave absorption performance and mechanical properties of cement-based composite material mixed with functional aggregates with high Fe ₂ O ₃ and SiC. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 249-255. https://doi.org/10.18280/rcma.310409
172	Talla, H.K., Olewi, J.K., Hassan, A.K.F.	Performance of Athletic Prosthetic Feet Made of Various Composite Materials with PMMA Matrix: Numerical and Theoretical Study	athletic prosthetic, UHMWPE, PMMA, stored energy, carbon fiber, glass fiber	31, 4, 257-264	https://doi.org/10.18280/rcma.310410	Talla, H.K., Olewi, J.K., Hassan, A.K.F. (2021). Performance of athletic prosthetic feet made of various composite materials with PMMA matrix: Numerical and theoretical study. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 257-264. https://doi.org/10.18280/rcma.310410
173	Marchione, F.	Failure Prediction of GFRP Pultruded Single-Lap Adhesive Joints	stored energy, SLJ failure mode, shear test, curing	31, 3, 117-123	https://doi.org/10.18280/rcma.310301	Marchione, F. (2021). Failure prediction of GFRP pultruded single-lap adhesive joints. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 117-123. https://doi.org/10.18280/rcma.310301
174	Pramono, A., Dhoska, K., Moezzi, R., Milandia, A.	Ti/SiC Based Metal Matrix Composites by Using Self-Propagating High Temperatures Synthesis (SHS)	SHS, scanning electron microscopy, X-ray diffraction	31, 3, 125-129	https://doi.org/10.18280/rcma.310302	Pramono, A., Dhoska, K., Moezzi, R., Milandia, A. (2021). Ti/SiC based metal matrix composites by using self-propagating high temperatures synthesis (SHS). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 125-129. https://doi.org/10.18280/rcma.310302
175	Sun, Z.D., Wang, S.F., Hou, D.B.	Study on Mechanical Properties of Carburized Layer Based on Nano-Indentation	CrNi steel, carburized, nano-indentation, dimension analysis, mechanical property	31, 3, 131-137	https://doi.org/10.18280/rcma.310303	Sun, Z.D., Wang, S.F., Hou, D.B. (2021). Study on mechanical properties of carburized layer based on nano-indentation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 131-137. https://doi.org/10.18280/rcma.310303
176	Chelali, H., Meghezzi, A., Berkouk, A., Soltani, M.T., Winning, G.	Mechanical, Curing Parameters and Water Absorption of Hybrid Date Palm Leaf-Orange Peel Fibers Reinforced Unsaturated Polyester Composites	unsaturated polyester, date palm leaf fiber, orange peel fiber, hybrid composites, physical properties, curing parameters	31, 3, 139-144	https://doi.org/10.18280/rcma.310304	Chelali, H., Meghezzi, A., Berkouk, A., Soltani, M.T., Winning, G. (2021). Mechanical, curing parameters and water absorption of hybrid date palm leaf-orange peel fibers reinforced unsaturated polyester composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 139-144. https://doi.org/10.18280/rcma.310304
177	Al Khaddour, S., Ibrahim, M.B.	Experimental Investigation on Tensile Properties of Carbon Fabric-Glass Fabric-Kevlar Fabric-Epoxy Hybrid Composite Laminates	carbon fabric, glass fabric, Kevlar fabric, epoxy resin, hybrid composites, tensile test	31, 3, 145-151	https://doi.org/10.18280/rcma.310305	Al Khaddour, S., Ibrahim, M.B. (2021). Experimental investigation on tensile properties of carbon fabric-glass fabric-kevlar fabric-epoxy hybrid composite laminates. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 145-151. https://doi.org/10.18280/rcma.310305
178	Afolalu, S.A., Ikumapayi, O.M., Ogedengbe, T.S., Emetere, M.E.	Performance Assessment of the Developed Flux Powder on the Tensile and Hardness Properties of Steels Joints Using TIG-Welding	nano-flux powder, hardness, tensile strength, tig-welding, steels, eggshell	31, 3, 153-157	https://doi.org/10.18280/rcma.310306	Afolalu, S.A., Ikumapayi, O.M., Ogedengbe, T.S., Emetere, M.E. (2021). Performance assessment of the developed flux powder on the tensile and hardness properties of steels joints using TIG-welding. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 153-157. https://doi.org/10.18280/rcma.310306
179	Liu, L.F., Dong, B.	Mechanical Properties and Durability of Recycled Aggregate Permeable Concrete	recycled aggregate, permeable concrete, mechanical properties, durability	31, 3, 159-167	https://doi.org/10.18280/rcma.310307	Liu, L.F., Dong, B. (2021). Mechanical properties and durability of recycled aggregate permeable concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 159-167. https://doi.org/10.18280/rcma.310307
180	Abdul-Ameer, Z.N.	Novelty Au Nanoparticles with Different Nano Sizes as an Acidity Sensor	gold, nanoparticles, size, acidity, sensor, reagent, Turkuvich method	31, 3, 169-173	https://doi.org/10.18280/rcma.310308	Abdul-Ameer, Z.N. (2021). Novelty Au nanoparticles with different nano sizes as an acidity sensor. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 169-173. https://doi.org/10.18280/rcma.310308
181	Touam, L., Derfouf, S.	Effect of the Varying Percentage Diss Fiber on Mechanical Behaviour of the Based Polyester Bio-Composite	bio-composite, diss, polyester, treatment, mechanical characteristic	31, 3, 175-180	https://doi.org/10.18280/rcma.310309	Touam, L., Derfouf, S. (2021). Effect of the varying percentage diss fiber on mechanical behaviour of the based polyester bio-composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 175-180. https://doi.org/10.18280/rcma.310309
182	Rachedi, M., Merad, A., Lorenzini, G., Ahmad, H., Menni, Y., Ameer, H., Sifi, I.	Effect of the Properties of Chalcopyrite Semiconductors on the Physical and Optical Parameters of Cell Layers with CIGS	solar materials, CuInGaSe ₂ solar cells, cell layers with CIGS, chalcopyrite semiconductors, conversion efficiency	31, 2, 65-72	https://doi.org/10.18280/rcma.310201	Rachedi, M., Merad, A., Lorenzini, G., Ahmad, H., Menni, Y., Ameer, H., Sifi, I. (2021). Effect of the properties of chalcopyrite semiconductors on the physical and optical parameters of cell layers with CIGS. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 65-72. https://doi.org/10.18280/rcma.310201
183	Bensaid, S., Safer, O.A., Trichet, D., Wasselynck, G., Berthiau, G., Fouladgar, J.	Eddy Current Non-Destructive Characterization of Carbon Fiber Reinforcement Composites Considering Capacitive Effect	composite materials, eddy currents, finite element analysis, inverse problem, non-destructive characterization, parameter identification, parasitic capacitance	31, 2, 73-79	https://doi.org/10.18280/rcma.310202	Bensaid, S., Safer, O.A., Trichet, D., Wasselynck, G., Berthiau, G., Fouladgar, J. (2021). Eddy current non-destructive characterization of carbon fiber reinforcement composites considering capacitive effect. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 73-79. https://doi.org/10.18280/rcma.310202
184	Ranakoti, L., Rakesh, P.K., Gangil, B.	Role of Wood Flour on Physical and Mechanical Properties in Polymer Matrix Composites-A Critical Review	polymer composites, wood flour, nanoparticle	31, 2, 81-92	https://doi.org/10.18280/rcma.310203	Ranakoti, L., Rakesh, P.K., Gangil, B. (2021). Role of wood flour on physical and mechanical properties in polymer matrix composites-a critical review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 81-92. https://doi.org/10.18280/rcma.310203
185	Yang, Y.Y.	Influence of Basalt Fiber-Reinforced Cement-Based Composite on Slope Stability	basalt fiber, composite, slope reinforcement, stability analysis	31, 2, 93-100	https://doi.org/10.18280/rcma.310204	Yang, Y.Y. (2021). Influence of basalt fiber-reinforced cement-based composite on slope stability. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 93-100. https://doi.org/10.18280/rcma.310204
186	Khalid, F., Rabah, M., Salah, S., Hacene, A.	A Study of the Thermo-Mechanical Behavior of a Gas Turbine Blade in Composite Materials Reinforced with Mast	alumina, blade, thermo-mechanical behavior, Ansys, short fibers, high modulus carbon, speeds	31, 2, 101-108	https://doi.org/10.18280/rcma.310205	Khalid, F., Rabah, M., Salah, S., Hacene, A. (2021). A study of the thermo-mechanical behavior of a gas turbine blade in composite materials reinforced with mast. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 101-108. https://doi.org/10.18280/rcma.310205
187	Pant, M., Pidge, P., Nagdeve, L., Kumar, H.	A Review of Additive Manufacturing in Aerospace Application	additive manufacturing, aerospace industry, lightweight component	31, 2, 109-115	https://doi.org/10.18280/rcma.310206	Pant, M., Pidge, P., Nagdeve, L., Kumar, H. (2021). A review of additive manufacturing in aerospace application. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 109-115. https://doi.org/10.18280/rcma.310206

188	Choudhary, S., Gupta, R., Jain, A., Chaudhary, S.	Experimental Investigation of Rubberized Functionally Graded Concrete	fine aggregate, rubber fiber, rubber fiber concrete, rubberized functionally graded concrete	31, 1, 1-11	https://doi.org/10.18280/rcma.310101	Choudhary, S., Gupta, R., Jain, A., Chaudhary, S. (2021). Experimental investigation of rubberized functionally graded concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 1-11. https://doi.org/10.18280/rcma.310101
189	Yellapragada, N.V.S.R., Cherukuri, T.S., Jayaraman, P., Devarakonda, S.K.	Estimation of Lattice Strain in Lanthanum Hexa Aluminate Nanoparticles Using X-Ray Peak Profile Analysis	Lanthanum Hexa Aluminate (LHA), X-ray diffraction (XRD) analysis, Scherrer Method (S-M), Williamson-Hall (W-H), Size-Strain Plot (SSP)	31, 1, 13-19	https://doi.org/10.18280/rcma.310102	Yellapragada, N.V.S.R., Cherukuri, T.S., Jayaraman, P., Devarakonda, S.K. (2021). Estimation of lattice strain in lanthanum hexa aluminate nanoparticles using X-ray peak profile analysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 13-19. https://doi.org/10.18280/rcma.310102
190	Zhou, B., Zou, C.Y., Meng, E.L.	Macro-Scale Numerical Simulation of Moisture Transmission in Zeoli-Based Moisture Conditioning Material	porous media, moisture transfer process, pore reconstruction, humidity control	31, 1, 21-26	https://doi.org/10.18280/rcma.310103	Zhou, B., Zou, C.Y., Meng, E.L. (2021). Macro-scale numerical simulation of moisture transmission in zeoli-based moisture conditioning material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 21-26. https://doi.org/10.18280/rcma.310103
191	Chikodi, D.M.C., Nnamdi, O.D.O., Sunday, A.V.	Anti-wear and Hardness Values of Functional Value-Added Zn-ZnO-Rice Husk Ash Composite Coating of Mild Steel	anti-wear, hardness, morphology, composite coating, electrodeposition	31, 1, 27-32	https://doi.org/10.18280/rcma.310104	Chikodi, D.M.C., Nnamdi, O.D.O., Sunday, A.V. (2021). Anti-wear and hardness values of functional Value-Added Zn-ZnO-Rice husk ash composite coating of mild steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 27-32. https://doi.org/10.18280/rcma.310104
192	Rao, N.N., Rao, P.M.V., Kumar, S.	A Numerical Approach to Estimate First Ply Failure of Fibre Metal Laminate	umerical methods, classical lamination theory, first ply failure, fibre metal laminates	31, 1, 33-39	https://doi.org/10.18280/rcma.310105	Rao, N.N., Rao, P.M.V., Kumar, S. (2021). A numerical approach to estimate first ply failure of fibre metal laminate. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 33-39. https://doi.org/10.18280/rcma.310105
193	Zhao, F.F.	Finite-Element Analysis on Lightweight Material of Drive Axle Housing	analysis, deformation analysis, lightweight	31, 1, 41-49	https://doi.org/10.18280/rcma.310106	Zhao, F.F. (2021). Finite-element analysis on lightweight material of drive axle housing. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 41-49. https://doi.org/10.18280/rcma.310106
194	Srivastava, A.K., Saxena, A., Maurya, N.K., Dwivedi, S.P.	Microstructural and Mechanical Properties of AZ31B/Graphene Nanocomposite Produced by Stir Casting	nocomposites, mechanical properties, stir c	31, 1, 51-56	https://doi.org/10.18280/rcma.310107	Srivastava, A.K., Saxena, A., Maurya, N.K., Dwivedi, S.P. (2021). Microstructural and mechanical properties of AZ31B/graphene nanocomposite produced by stir casting. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 51-56. https://doi.org/10.18280/rcma.310107
195	Mahesh, V., Nilabh, A., Joladarashi, S., Kulkarni, S.M.	Analysis of Impact Behaviour of Sisal-Epoxy Composites under Low Velocity Regime	impact, sisal-epoxy composite, damage mitigation, finite element, Taguchi, DOE	31, 1, 57-63	https://doi.org/10.18280/rcma.310108	Mahesh, V., Nilabh, A., Joladarashi, S., Kulkarni, S.M. (2021). Analysis of impact behaviour of sisal-epoxy composites under low velocity regime. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 57-63. https://doi.org/10.18280/rcma.310108
196	Ezechukwu, V.C., Nwobi-Okoye, C.C., Atanmo, P.N., Aigbodion, V.S.	Wear performance of value-addition epoxy/breadfruit seed shell ash particles and functionalized Momordica angustisepala fiber hybrid composites	Momordica angustisepala fiber, breadfruit seed shell, microstructure and wear	30, 5-6, 195-202	https://doi.org/10.18280/rcma.305-601	Ezechukwu, V.C., Nwobi-Okoye, C.C., Atanmo, P.N., Aigbodion, V.S. (2020). Wear performance of value-addition epoxy/breadfruit seed shell ash particles and functionalized Momordica angustisepala fiber hybrid composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 195-202. https://doi.org/10.18280/rcma.305-601
197	Samir, B., Belkacem, M., Brahim, G.	Numerical modeling of the effects of fiber packing and reinforcement volume ratio on the transverse elasticity modulus of a unidirectional composite material glass / epoxy	micromechanics analysis, prediction of properties, reinforcing factor, transverse modulus, unidirectional lamina	30, 5-6, 203-210	https://doi.org/10.18280/rcma.305-602	Samir, B., Belkacem, M., Brahim, G. (2020). Numerical modeling of the effects of fiber packing and reinforcement volume ratio on the transverse elasticity modulus of a unidirectional composite material glass / epoxy. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 203-210. https://doi.org/10.18280/rcma.305-602
198	Hiremath, S., Sangappa, V., Rajole, S., Kulkarni, S.	Numerical analysis of polymer composites for actuation	thermal actuator, composite beam, temperature, polymer material, numerical analysis	30, 5-6, 211-216	https://doi.org/10.18280/rcma.305-603	Hiremath, S., Sangappa, V., Rajole, S., Kulkarni, S. (2020). Numerical analysis of polymer composites for actuation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 211-216. https://doi.org/10.18280/rcma.305-603
199	Deghboudj, S., Boukhedena, W., Satha, H.	Modal analysis of orthotropic thin rectangular plate based on analytical and finite element approaches	free vibration, finite element method, frequency parameter, orthotropic plates, modal analysis	30, 5-6, 217-225	https://doi.org/10.18280/rcma.305-604	Deghboudj, S., Boukhedena, W., Satha, H. (2020). Modal analysis of orthotropic thin rectangular plate based on analytical and finite element approaches. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 217-225. https://doi.org/10.18280/rcma.305-604
200	Zhao, Y.G.B., Zhang, L.Q.	Damage quantification of frame-shear wall structure with metal rubber dampers under seismic load	MR damper, seismic load, damage, failure mode	30, 5-6, 227-234	https://doi.org/10.18280/rcma.305-605	Zhao, Y.G.B., Zhang, L.Q. (2020). Damage quantification of frame-shear wall structure with metal rubber dampers under seismic load. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 227-234. https://doi.org/10.18280/rcma.305-605
201	Mahadikar, A., Mamatha, E., Krupakara, P.V., Doddapattar, N.B.	Experimental investigation to study the influence of variation in composition on tribological behavior and impact strength of aluminium alloy Al7068	aluminium alloy, impact strength, magnesium, wear rate, zinc	30, 5-6, 235-240	https://doi.org/10.18280/rcma.305-606	Mahadikar, A., Mamatha, E., Krupakara, P.V., Doddapattar, N.B. (2020). Experimental investigation to study the influence of variation in composition on tribological behavior and impact strength of aluminium alloy Al7068. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 235-240. https://doi.org/10.18280/rcma.305-606
202	Krishna, V., Shankar, V.K., Muniyappa, L.M., Benal, M.M.	Prediction of temperature during machinability of Al2O3 reinforced Al7075	Al7075, temperature, analysis of variance, regression analysis, prediction	30, 5-6, 241-246	https://doi.org/10.18280/rcma.305-607	Krishna, V., Shankar, V.K., Muniyappa, L.M., Benal, M.M. (2020). Prediction of temperature during machinability of Al2O3 reinforced Al7075. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 241-246. https://doi.org/10.18280/rcma.305-607
203	Boutenel, F., Dusserre, G., Cutard, T.	Strength loss of basalt-based mineral fibers after thermal desizing	basalt fibers, desizing, heat treatment, mechanical properties	30, 3-4, 115-122	https://doi.org/10.18280/rcma.303-401	Boutenel, F., Dusserre, G., Cutard, T. (2020). Strength loss of basalt-based mineral fibers after thermal desizing. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 115-122. https://doi.org/10.18280/rcma.303-401
204	Gunturu, B., Vemulapalli, C., Malkapuram, R., Konduru, N.	Investigation on mechanical, thermal and water absorption properties of banana/coir reinforced polypropylene hybrid composites	banana fiber, coir fiber, FTIR, mechanical properties, polypropylene, thermogravimetry, XRD	30, 3-4, 123-131	https://doi.org/10.18280/rcma.303-402	Gunturu, B., Vemulapalli, C., Malkapuram, R., Konduru, N. (2020). Investigation on mechanical, thermal and water absorption properties of banana/coir reinforced polypropylene hybrid composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 123-131. https://doi.org/10.18280/rcma.303-402

205	Ibrahim, M.B., Habib, H.Y., Jabrah, R.M.	Preparation of Kevlar-49 fabric/E-glass fabric/epoxy composite materials and characterization of their mechanical properties	Kevlar fabric, glass fabric, epoxy resin, surface treatment, phosphoric acid, mechanical tests	30, 3-4, 133-141	https://doi.org/10.18280/rcma.303-403	Ibrahim, M.B., Habib, H.Y., Jabrah, R.M. (2020). Preparation of Kevlar-49 fabric/E-glass fabric/epoxy composite materials and characterization of their mechanical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 133-141. https://doi.org/10.18280/rcma.303-403
206	Maurya, M., Kumar, S., Maurya, N.K.	Composites prepared via friction stir processing technique: A review	metal matrix composites (MMCs), micro-structure, micro-hardness, wear rate and tribological properties	30, 3-4, 143-151	https://doi.org/10.18280/rcma.303-404	Maurya, M., Kumar, S., Maurya, N.K. (2020). Composites prepared via friction stir processing technique: A review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 143-151. https://doi.org/10.18280/rcma.303-404
207	Lakshmi Narayana, V., Rao, L.B., Devireddy, S.B.R.	Effect of fiber percentage and stacking sequence on mechanical performance of unidirectional hemp and Palmyra reinforced hybrid composites	hybrid composites, mechanical properties, natural fibers, scanning electron microscope, water absorption	30, 3-4, 153-160	https://doi.org/10.18280/rcma.303-405	Lakshmi Narayana, V., Rao, L.B., Devireddy, S.B.R. (2020). Effect of fiber percentage and stacking sequence on mechanical performance of unidirectional hemp and Palmyra reinforced hybrid composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 153-160. https://doi.org/10.18280/rcma.303-405
208	Mefah, Y., Tayefi, M., Fellouh, F., Chouieur, H., Maou, S., Meghezzi, A.	Influence of alkali treatment and dune sand content on the properties of date palm fiber reinforced unsaturated polyester hybrid composites	date palm fiber, dune sand, hybrid composites, physical properties, unsaturated polyester	30, 3-4, 161-167	https://doi.org/10.18280/rcma.303-406	Mefah, Y., Tayefi, M., Fellouh, F., Chouieur, H., Maou, S., Meghezzi, A. (2020). Influence of alkali treatment and dune sand content on the properties of date palm fiber reinforced unsaturated polyester hybrid composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 161-167. https://doi.org/10.18280/rcma.303-406
209	Srivastava, A.K., Dwivedi, S.P., Maurya, N.K., Sahu, R.	Surface roughness report and 3D surface analysis of hybrid Metal Matrix Composites (MMC) during Abrasive Water Jet (AWJ) cutting	hybrid MMC, A359 aluminum alloy, surface roughness, 3D profile view, abbreviations	30, 3-4, 169-174	https://doi.org/10.18280/rcma.303-407	Srivastava, A.K., Dwivedi, S.P., Maurya, N.K., Sahu, R. (2020). Surface roughness report and 3D surface analysis of hybrid Metal Matrix Composites (MMC) during Abrasive Water Jet (AWJ) cutting. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 169-174. https://doi.org/10.18280/rcma.303-407
210	Reddy, S.N.K., Wani, M.M.	Engine performance and emission studies by application of nanoparticles and antioxidants as additives in biodiesel blends	additives, antioxidants, biodiesel, diesel, emissions, nano particles, performance	30, 3-4, 175-180	https://doi.org/10.18280/rcma.303-408	Reddy, S.N.K., Wani, M.M. (2020). Engine performance and emission studies by application of nanoparticles and antioxidants as additives in biodiesel blends. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 175-180. https://doi.org/10.18280/rcma.303-408
211	Ghelloudj, E.	Modeling and analysis the impact of unsymmetrical bending on aluminum honeycomb sandwich beams with polyester resin/glass fibers using finite element method	CAST3M, honeycomb, numerical modeling, sandwich structures, unsymmetrical bending	30, 3-4, 181-188	https://doi.org/10.18280/rcma.303-409	Ghelloudj, E. (2020). Modeling and analysis the impact of unsymmetrical bending on aluminum honeycomb sandwich beams with polyester resin/glass fibers using finite element method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 181-188. https://doi.org/10.18280/rcma.303-409
212	Lal, P., Gajapathi, G., Munusamy, R.	Flammability of benzoxazine resin based carbon fibre composite samples	flammability retardancy, CFRP composite, carbon fibre, benzoxazine resin, UL94	30, 3-4, 189-194	https://doi.org/10.18280/rcma.303-410	Lal, P., Gajapathi, G., Munusamy, R. (2020). Flammability of benzoxazine resin based carbon fibre composite samples. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 189-194. https://doi.org/10.18280/rcma.303-410
213	Bouamama, M., Elmeiche, A., Elhennani, A., Kebir, T., Harchouche, Z.E.A.	Exact solution for free vibration analysis of FGM beams	exact solution, free vibration analysis, beams, E-FGM, fundamental frequencies, material distribution	30, 2, 55-60	https://doi.org/10.18280/rcma.300201	Bouamama, M., Elmeiche, A., Elhennani, A., Kebir, T., Harchouche, Z.E.A. (2020). Exact solution for free vibration analysis of FGM beams. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> Vol. 30, No. 2, pp. 55-60. https://doi.org/10.18280/rcma.300201
214	Petrucci, A.M., Rahmani, M.	Numerical and analytical study of fatigue and degradation in multilayer composite plates	composite, degradation, Ansys software, usermat code, fatigue	30, 2, 61-68	https://doi.org/10.18280/rcma.300202	Petrucci, A.M., Rahmani, M. (2020). Numerical and analytical study of fatigue and degradation in multilayer composite plates. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 61-68. https://doi.org/10.18280/rcma.300202
215	Yang, G.L., Feng, B.K.	Orthogonal experiment on the surface quality of carbon fiber reinforced plastic cut by abrasive water jet	carbon fiber reinforced plastic (CFRP), abrasive water jet (AWJ) cutting, surface quality, orthogonal experiment	30, 2, 69-76	https://doi.org/10.18280/rcma.300203	Yang, G.L., Feng, B.K. (2020). Orthogonal experiment on the surface quality of carbon fiber reinforced plastic cut by abrasive water jet. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 69-76. https://doi.org/10.18280/rcma.300203
216	Mahesh, V., Joladarashi, S., Kulkarni, S.M.	Evaluation of tensile strength and slurry erosive behaviour of jute reinforced natural rubber based flexible composite	jute, rubber, tensile characterization, slurry erosion characterization, composite flexible	30, 2, 77-82	https://doi.org/10.18280/rcma.300204	Mahesh, V., Joladarashi, S., Kulkarni, S.M. (2020). Evaluation of tensile strength and slurry erosive behaviour of jute reinforced natural rubber based flexible composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> Vol. 30, No. 2, pp. 77-82. https://doi.org/10.18280/rcma.300204
217	Onah, H.N., Nwoji, C.U., Onyia, M.E., Mama, B.O., Ike, C.C.	Exact solutions for the elastic buckling problem of moderately thick beams	first order shear deformation theory, Euler-Bernoulli beam theory, elastic buckling problem, critical buckling load, thick beam	30, 2, 83-93	https://doi.org/10.18280/rcma.300205	Onah, H.N., Nwoji, C.U., Onyia, M.E., Mama, B.O., Ike, C.C. (2020). Exact solutions for the elastic buckling problem of moderately thick beams. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 83-93. https://doi.org/10.18280/rcma.300205
218	Gadade, A.M., Sutar, M.	Computationally efficient procedure for stress analysis of laminated composite shell subjected to different loading using ABAQUS software	polymer matrix composites, layered shell panel, finite element analysis, modeling and simulation, deformation analysis	30, 2, 95-102	https://doi.org/10.18280/rcma.300206	Gadade, A.M., Sutar, M. (2020). Computationally efficient procedure for stress analysis of laminated composite shell subjected to different loading using ABAQUS software. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 95-102. https://doi.org/10.18280/rcma.300206
219	Babu, B.H., Sahoo, D.K.	Study of tribological and thermal properties of engine lubricant by dispersion of aluminium nano additives	aluminium and aluminium oxide nano particles, nano lubricants, frictional force, thermal conductivity, viscosity	30, 2, 103-107	https://doi.org/10.18280/rcma.300207	Babu, B.H., Sahoo, D.K. (2020). Study of tribological and thermal properties of engine lubricant by dispersion of aluminium nano additives. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 103-107. https://doi.org/10.18280/rcma.300207
220	Lu S., Li, J., Luo Z., Yang X., Gu Q., Liu X.	Effects of compound rust inhibitor on the performance of concrete with a large amount of mineral admixtures	concrete, mineral admixture, compound rust inhibitor, chloride penetration resistance, carbonation resistance, steel corrosion rate	30, 2, 109-114	https://doi.org/10.18280/rcma.300208	Lu S., Li, J., Luo Z., Yang X., Gu Q., Liu X. (2020). Effects of compound rust inhibitor on the performance of concrete with a large amount of mineral admixtures. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp.109-114. https://doi.org/10.18280/rcma.300208
221	Issasfa, B., Benmansour, T., Valle, V., Bouakba, M.	Experimental study of mechanical behaviour of renewable fibre reinforced composite materials type (Cynara Cardunculus L/Polyester)	composite materials, biofibres, Cynara cardunculus L, polyester resin, Weibull probability, mechanical characteristics, tensile test	30, 1, 1-8	https://doi.org/10.18280/rcma.300101	Issasfa, B., Benmansour, T., Valle, V., Bouakba, M. (2020). Experimental study of mechanical behaviour of renewable fibre reinforced composite materials type (Cynara Cardunculus L/Polyester). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 1-8. https://doi.org/10.18280/rcma.300101

222	Fokam, C.B., Toumi, E., Kenmeugne, B., Meva'a, L., Mansouri, K.	Cement mortar reinforced with palm nuts natural fibers: Study of the mechanical properties	natural fiber, palm nut, cement mortar, mechanical property, sustainability	30, 1, 9-13	https://doi.org/10.18280/rcma.300102	Fokam, C.B., Toumi, E., Kenmeugne, B., Meva'a, L., Mansouri, K. (2020). Cement mortar reinforced with palm nuts natural fibers: Study of the mechanical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 9-13. https://doi.org/10.18280/rcma.300102
223	Gupta, K., Chakraborti, P., Bhowmik, C.	Study of modal behaviour of sandwich structure with various core materials - an analytical approach	sandwich beam, free vibration, geometry, honeycomb, core, deformation	30, 1, 15-21	https://doi.org/10.18280/rcma.300103	Gupta, K., Chakraborti, P., Bhowmik, C. (2020). Study of modal behaviour of sandwich structure with various core materials - an analytical approach. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 15-21. https://doi.org/10.18280/rcma.300103
224	Mekky, A.B.H.	Computational modelling for specific heat and thermal conductivity of austenitic stainless steels alloys at solid phase	austenitic steel alloy, thermal conductivity, specific heat, software tool JMATPRO®, temperature	30, 1, 23-27	https://doi.org/10.18280/rcma.300104	Mekky, A.B.H. (2020). Computational modelling for specific heat and thermal conductivity of austenitic stainless steels alloys at solid phase. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 23-27. https://doi.org/10.18280/rcma.300104
225	Younes, R., Bradai, M.A., Sadeddine, A., Mouadji, Y.	Effect of bond-layer on the wear resistance of a martensitic stainless steel coating obtained by wire arc spray	coating, bond-coat, microstructure, tribology, stainless steel	30, 1, 29-34	https://doi.org/10.18280/rcma.300105	Younes, R., Bradai, M.A., Sadeddine, A., Mouadji, Y. (2020). Effect of bond-layer on the wear resistance of a martensitic stainless steel coating obtained by wire arc spray. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 29-34. https://doi.org/10.18280/rcma.300105
226	Yarlagadda, J., Malkapuram, R.	Influence of MWCNTs on the mechanical properties of continuous carbon epoxy composites	multi walled carbon nanotubes, ultrasonicator, drum winding, hand lay up, continuous carbon fibre reinforced epoxy	30, 1, 35-41	https://doi.org/10.18280/rcma.300106	Yarlagadda, J., Malkapuram, R. (2020). Influence of MWCNTs on the mechanical properties of continuous carbon epoxy composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 35-41. https://doi.org/10.18280/rcma.300106
227	Dwivedi, S.P., Srivastava, A.K., Maurya, N.K., Sahu, R.	Microstructure and mechanical behaviour of Al/SiC/Agro-Waste RHA hybrid metal matrix composite	hybrid composite, SiC, RHA, ductility, hardness, tensile strength	30, 1, 43-47	https://doi.org/10.18280/rcma.300107	Dwivedi, S.P., Srivastava, A.K., Maurya, N.K., Sahu, R. (2020). Microstructure and mechanical behaviour of Al/SiC/Agro-Waste RHA hybrid metal matrix composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 43-47. https://doi.org/10.18280/rcma.300107
228	Lai, T.W., Lei, H., Ji, Z.Y., Liang, Y.	Effects of cement-modified soil as blocking cushion of saline soil subgrade	cement-modified soil (CMS), saline soil, cushion, partition, pile-soil stress ratio	30, 1, 49-53	https://doi.org/10.18280/rcma.300108	Lai, T.W., Lei, H., Ji, Z.Y., Liang, Y. (2020). Effects of cement-modified soil as blocking cushion of saline soil subgrade. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 1, pp. 49-53. https://doi.org/10.18280/rcma.300108
229	Zhao, Y.G.B., Ding, P.Z., Zhao, Y., Yan, X.W.	Mechanical properties of metallic pseudo rubber-silicon rubber composite for three-way seismic isolation	metallic pseudo rubber-silicon rubber (MPR-SR) composite, three-way seismic isolator, compression, shear, hysteretic behavior	29, 6, 341-350	https://doi.org/10.18280/rcma.290601	Zhao, Y.G.B., Ding, P.Z., Zhao, Y., Yan, X.W. (2019). Mechanical properties of metallic pseudo rubber-silicon rubber composite for three-way seismic isolation. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 341-350. https://doi.org/10.18280/rcma.290601
230	Issam, B., Rassim, Y., Abdelhek, I., Amokrane, B.M., Abdelhamid, S.	Simulation and numerical modeling of mechanical properties of stainless steel mold X39CrMo17-1	injection machine, stainless steel, mechanical properties, thermodynamic properties	29, 6, 351-355	https://doi.org/10.18280/rcma.290602	Issam, B., Rassim, Y., Abdelhek, I., Amokrane, B.M., Abdelhamid, S. (2019). Simulation and numerical modeling of mechanical properties of stainless steel mold X39CrMo17-1. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 351-355. https://doi.org/10.18280/rcma.290602
231	Ike, C.C., Nwoji, C.U., Onah, H.N., Mama, B.O., Onyia, M.E.	Modified single finite Fourier cosine integral transform method for finding the critical elastic buckling loads of first order shear deformable beams with fixed ends	characteristic buckling equation, critical elastic buckling load, eigenvalue problem, first order shear deformation beam theory, modified single finite fourier cosine integral transform method	29, 6, 357-362	https://doi.org/10.18280/rcma.290603	Ike, C.C., Nwoji, C.U., Onah, H.N., Mama, B.O., Onyia, M.E. (2019). Modified single finite Fourier cosine integral transform method for finding the critical elastic buckling loads of first order shear deformable beams with fixed ends. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 357-362. https://doi.org/10.18280/rcma.290603
232	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B.	Impact of temperature variation on the electromagnetic shielding behavior of multilayer shield for EMC applications	electromagnetic compatibility EMC, materials, temperature, electrical conductivity	29, 6, 363-367	https://doi.org/10.18280/rcma.290604	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B. (2019). Impact of temperature variation on the electromagnetic shielding behavior of multilayer shield for EMC applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 363-367. https://doi.org/10.18280/rcma.290604
233	Putra, A.E.E., Sulfiana, E., Amaliyah, N., Hayat, A., Arsyad, H.	Hazardous content removal and silver nanoparticle recovery from liquid radiography waste using microwave plasma	hazardous content, silver nanoparticles, the in-liquid plasma, microwave oven, the Debye-scherrer's formula	29, 6, 369-373	https://doi.org/10.18280/rcma.290605	Putra, A.E.E., Sulfiana, E., Amaliyah, N., Hayat, A., Arsyad, H. (2019). Hazardous content removal and silver nanoparticle recovery from liquid radiography waste using microwave plasma. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 369-373. https://doi.org/10.18280/rcma.290605
234	Boussehel, H.	Influence of 3-(Trimethoxysilyl) propyl methacrylate coupling agent treatment of olive pomace flour reinforced polystyrene composites	composite, coupling agent, olive pomace, polystyrene, silane	29, 6, 375-380	https://doi.org/10.18280/rcma.290606	Boussehel, H. (2019). Influence of 3-(Trimethoxysilyl) propyl methacrylate coupling agent treatment of olive pomace flour reinforced polystyrene composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 375-380. https://doi.org/10.18280/rcma.290606
235	Li, Q., Li, K.Q., Ni, W., Zhang, S.Q., Li, D.Z., Chen, W.	Analysis on gold tailings-based aerated concrete in different phases of autoclave curing based on nuclear magnetic resonance	gold tailings, aerated concrete, autoclave curing, Nuclear Magnetic Resonance (NMR)	29, 6, 381-387	https://doi.org/10.18280/rcma.290607	Li, Q., Li, K.Q., Ni, W., Zhang, S.Q., Li, D.Z., Chen, W. (2019). Analysis on gold tailings-based aerated concrete in different phases of autoclave curing based on nuclear magnetic resonance. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 6, pp. 381-387. https://doi.org/10.18280/rcma.290607
236	Evon, P., Barthod-Malat, P., Grégoire, M., Vaca-Medina, G., Labonne, L., Ballas, S., Véronèse, T., Ouagne, P.	Production of fiberboards from shives collected after continuous fiber mechanical extraction from oleaginous flax	fiberboard, oleaginous flax shives, thermo-mechanical fiber defibration, twin-screw extruder, thermo-pressing, lignin	29, 5, 277-287	https://doi.org/10.18280/rcma.290501	Evon, P., Barthod-Malat, P., Grégoire, M., Vaca-Medina, G., Labonne, L., Ballas, S., Véronèse, T., Ouagne, P. (2019). Production of fiberboards from shives collected after continuous fiber mechanical extraction from oleaginous flax. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 277-287. https://doi.org/10.18280/rcma.290501
237	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Ienny, P., Bergeret, A.	Dimensional variations and mechanical behavior of various plant fibre species under controlled hydro / hygrothermal conditions	natural fibres, swelling, mechanical properties, hydro/hygrothermal conditions	29, 5, 289-294	https://doi.org/10.18280/rcma.290502	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Ienny, P., Bergeret, A. (2019). Dimensional variations and mechanical behavior of various plant fibre species under controlled hydro / hygrothermal conditions. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 289-294. https://doi.org/10.18280/rcma.290502
238	Grégoire, M., Ouagne, P., Barthod-Malat, B., Evon, P., Labonne, L., Placet, V.	Extraction of linseed flax fibres for technical textiles: influence of pre-treatment parameters on the fibre yield, the mechanical properties and the mechanical properties	extraction yield, fiber extraction, mechanical properties, oleaginous flax, size distribution	29, 5, 295-300	https://doi.org/10.18280/rcma.290503	Grégoire, M., Ouagne, P., Barthod-Malat, B., Evon, P., Labonne, L., Placet, V. (2019). Extraction of linseed flax fibres for technical textiles: influence of pre-treatment parameters on the fibre yield, the mechanical properties and the mechanical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 295-300. https://doi.org/10.18280/rcma.290503

239	Lansiaux, H., Corbin A.C., Soulat, D., Boussu, F., Ferreira, M., Labanieh, A.R.	Identification of the mechanical behaviour of 3D warp interlock made with flax roving	flax, 3D warp Interlock, mechanical properties, textile composites	29, 5, 301-309	https://doi.org/10.18280/rcma.290504	Lansiaux, H., Corbin A.C., Soulat, D., Boussu, F., Ferreira, M., Labanieh, A.R. (2019). Identification of the mechanical behaviour of 3D warp interlock made with flax roving. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 301-309. https://doi.org/10.18280/rcma.290504
240	Mazian, B., Bergeret, A., Benezet, J.C., Bayle, S., Malhautier, L.	Impact of field retting on the hemp fibres structure	retting, hemp fibres, chemical composition, thermal stability, crystallinity	29, 5, 311-316	https://doi.org/10.18280/rcma.290505	Mazian, B., Bergeret, A., Benezet, J.C., Bayle, S., Malhautier, L. (2019). Impact of field retting on the hemp fibres structure. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 311-316. https://doi.org/10.18280/rcma.290505
241	Postdam, G., Gning, P.B., Piezel, B., Geslain, A., Fontaine, S.	Development of bio-composite reinforced by sugarcane fibres	bagasse, bio-composite, sound absorption, mechanical properties, stereo-digital image correlation	29, 5, 317-323	https://doi.org/10.18280/rcma.290506	Postdam, G., Gning, P.B., Piezel, B., Geslain, A., Fontaine, S. (2019). Development of bio-composite reinforced by sugarcane fibres. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 317-323. https://doi.org/10.18280/rcma.290506
242	Samuel Réquillé, Antoine Le Duigou, Alain Bourmaud, Christophe Baley	Quality of the multi-scale interphase of hemp stems: Retting effect	biocomposites, hemp, fiber, interface, retting, peeling test	29, 5, 325-333	https://doi.org/10.18280/rcma.290507	Réquillé, S., Le Duigou, A., Bourmaud, A., Baley, C. (2019). Quality of the multi-scale interphase of hemp stems: Retting effect. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 325-333. https://doi.org/10.18280/rcma.290507
243	Mohamed M. Salem, Emmanuel De Luycker, Marina Fazzini, Pierre Ouagne	Study of the tow buckling defect during the shaping of structural composites based on synthetic and vegetal fibres	composite manufacturing, preforming defects, textile reinforcement, tow buckling, full field strain measurement	29, 5, 335-340	https://doi.org/10.18280/rcma.290508	Salem, M.M., De Luycker, E., Fazzini, M., Ouagne, P. (2019). Study of the tow buckling defect during the shaping of structural composites based on synthetic and vegetal fibres. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 5, pp. 335-340. https://doi.org/10.18280/rcma.290508
244	Amrane, A., Sereir, Z., Poilâne, C., Vivet, A.	Effect of form factor and mass fraction of alfa short fibers on the mechanical behavior of an Alfa/Greenpoxy bio-composite	alfa fiber, short fiber, bio-composite, mass fraction, mechanical property	29, 4, 185-191	https://doi.org/10.18280/rcma.290401	Amrane, A., Sereir, Z., Poilâne, C., Vivet, A. (2019). Effect of form factor and mass fraction of alfa short fibers on the mechanical behavior of an Alfa/Greenpoxy bio-composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 185-191. https://doi.org/10.18280/rcma.290401
245	Baley, C.	What obstacles need to be overcome in order to optimize performance and develop applications for biocomposites?	natural fibres, polymers, composite materials, bottleneck	29, 4, 193-199	https://doi.org/10.18280/rcma.290402	Baley, C. (2019). What obstacles need to be overcome in order to optimize performance and develop applications for biocomposites? <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 193-199. https://doi.org/10.18280/rcma.290402
246	Corbin, A.C., Soulat, D., Ferreira, M., Labanieh, A.R., Gabrion, X., Placet, V.	Improvement of the weavability of natural-fiber reinforcement for composite materials manufacture	biobased composites, woven preforms, natural fibers, weaving process, textile properties, mechanical properties	29, 4, 201-208	https://doi.org/10.18280/rcma.290403	Corbin, A.C., Soulat, D., Ferreira, M., Labanieh, A.R., Gabrion, X., Placet, V. (2019). Improvement of the weavability of natural-fiber reinforcement for composite materials manufacture. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 201-208. https://doi.org/10.18280/rcma.290403
247	Davies, P., Arhant, M., Le Gac, P.Y., Le Gall, M., Kemlin, G.	Mechanical behaviour of composites reinforced by bamboo strips, influence of seawater aging	bamboo, density, mechanical properties, wet aging	29, 4, 209-214	https://doi.org/10.18280/rcma.290404	Davies, P., Arhant, M., Le Gac, P.Y., Le Gall, M., Kemlin, G. (2019). Mechanical behaviour of composites reinforced by bamboo strips, influence of seawater aging. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 209-214. https://doi.org/10.18280/rcma.290404
248	Gager, V., Duigou, A.L., Bourmaud, A., Pierre, F., Behlouli, K., Baley, C.	Influence of the nonwoven biocomposite's microstructure on its hygromechanical behaviour	biocomposites, nonwovens, flax fibres, glass fibres, moisture, swelling, mechanical properties	29, 4, 215-224	https://doi.org/10.18280/rcma.290405	Gager, V., Duigou, A.L., Bourmaud, A., Pierre, F., Behlouli, K., Baley, C. (2019). Influence of the nonwoven biocomposite's microstructure on its hygromechanical behaviour. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 215-224. https://doi.org/10.18280/rcma.290405
249	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A.	Swelling of plant fibers under hydro/hydrothermal conditions: determination of hydro/hydroexpansion coefficients	natural fibers, swelling, humidity, hydro/hydroexpansion coefficient	29, 4, 225-232	https://doi.org/10.18280/rcma.290406	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A. (2019). Swelling of plant fibers under hydro/hydrothermal conditions: determination of hydro/hydroexpansion coefficients. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 225-232. https://doi.org/10.18280/rcma.290406
250	Poullain, P., Leklou, N., Laibi, A.B., Gomina, M.	Properties of compressed earth blocks made of traditional materials from benin	Compressed Earth Block (CEB), crude earth, kenaf, mechanical properties, thermal properties, Weibull Index	29, 4, 233-241	https://doi.org/10.18280/rcma.290407	Poullain, P., Leklou, N., Laibi, A.B., Gomina, M. (2019). Properties of compressed earth blocks made of traditional materials from benin. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 233-241. https://doi.org/10.18280/rcma.290407
251	Péron, M., Céline, A., Castro, M., Jacquemin, F., Le Duigou, A.	Biocomposites with asymmetric stacking for the study of hydro-mechanical couplings	biocomposites, bilayers, curvature, hygroscopic stresses, swelling, water diffusion	29, 4, 243-252	https://doi.org/10.18280/rcma.290408	Péron, M., Céline, A., Castro, M., Jacquemin, F., Le Duigou, A. (2019). Biocomposites with asymmetric stacking for the study of hydro-mechanical couplings. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 243-252. https://doi.org/10.18280/rcma.290408
252	Réquillé, S., Le Duigou, A., Bourmaud, A., Baley, C.	Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites	natural fibres, biocomposites, hydro-mechanical properties, relative humidity	29, 4, 253-260	https://doi.org/10.18280/rcma.290409	Réquillé, S., Le Duigou, A., Bourmaud, A., Baley, C. (2019). Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 253-260. https://doi.org/10.18280/rcma.290409
253	Viel, M., Collet, F., Lecieux, Y., François, M.L.M., Colson, V., Lanos, C., Hussain, A., Lawrence, M.	Development of a method for assessing resistance to mold growth: Application to bio-based composites	construction materials, decay resistance, mold growth, hemp shiv, rape straw, DIC (digital image correlation)	29, 4, 261-274	https://doi.org/10.18280/rcma.290410	Viel, M., Collet, F., Lecieux, Y., François, M.L.M., Colson, V., Lanos, C., Hussain, A., Lawrence, M. (2019). Development of a method for assessing resistance to mold growth: Application to bio-based composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 4, pp. 261-274. https://doi.org/10.18280/rcma.290410
254	Ike, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikwueze, E.U.	Fourier cosine series method for solving the generalized elastic thin-walled column buckling problem for dirichlet boundary conditions	fourier cosine series method, generalized elastic thin-walled column buckling problem, characteristic buckling equation, algebraic eigenvalue problem, eigenvalue, modal displacement functions, critical buckling load	29, 3, 131-137	https://doi.org/10.18280/rcma.290301	Ike, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikwueze, E.U. (2019). Fourier cosine series method for solving the generalized elastic thin-walled column buckling problem for dirichlet boundary conditions. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 131-137. https://doi.org/10.18280/rcma.290301
255	Wang, Y.H., Yao, Y.H., Wu, Y.P., Li, X.Z.	Technical and economic analysis on masonry materials of exterior walls for building energy conservation	energy conservation, building envelope, masonry material, technical and economic analysis, Ceramsite aerated concrete (CAC) blocks	29, 3, 139-143	https://doi.org/10.18280/rcma.290302	Wang, Y.H., Yao, Y.H., Wu, Y.P., Li, X.Z. (2019). Technical and economic analysis on masonry materials of exterior walls for building energy conservation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 139-143. https://doi.org/10.18280/rcma.290302

256	Dey, S., Deb, M., Das, P.K.	Chemical characterization and tribological behavior of kitchen chimney dump lard (KCDL) as a bio-lubricant	bio-lubricant, fatty acid ester, IR spectrum, tribotester, wear rate, COF	29, 3, 145-150	https://doi.org/10.18280/rcma.290303	Dey, S., Deb, M., Das, P.K. (2019). Chemical characterization and tribological behavior of kitchen chimney dump lard (KCDL) as a bio-lubricant. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 145-150. https://doi.org/10.18280/rcma.290303
257	Chen, H.G., Lei, Y.X., Zhao, Y.	Mechanical properties of post-fire inorganic polymer concrete columns under eccentric compression	inorganic polymer concrete (IPC), high temperature, eccentric compression, mechanical properties	29, 3, 151-157	https://doi.org/10.18280/rcma.290304	Chen, H.G., Lei, Y.X., Zhao, Y. (2019). Mechanical properties of post-fire inorganic polymer concrete columns under eccentric compression. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 151-157. https://doi.org/10.18280/rcma.290304
258	Komma, H.K.R., Nerella, R., Madduru, S.R.C.	Art-of-review on CFRP wrapping to strengthen compressive and flexural behavior of concrete	FRP beam, FRP column, fiber reinforced polymer (FRP), FRP sheets, FRP strength, CFRP wrapping techniques	29, 3, 159-163	https://doi.org/10.18280/rcma.290305	Komma, H.K.R., Nerella, R., Madduru, S.R.C. (2019). Art-of-review on CFRP wrapping to strengthen compressive and flexural behavior of concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 159-163. https://doi.org/10.18280/rcma.290305
259	Wang, X.M., Li, X.D., Qiu, J.P., Li, Y.S., Ikwueze, E.U.	Microbial communities on different packing media in biofilter	multi-layer biofilter (MBF), packing media; water quality, bacteria diversity, community richness	29, 3, 165-169	https://doi.org/10.18280/rcma.290306	Wang, X.M., Li, X.D., Qiu, J.P., Li, Y.S., Ikwueze, E.U. (2019). Microbial communities on different packing media in biofilter. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 165-169. https://doi.org/10.18280/rcma.290306
260	Merizgui, T., Hadjadj, A. Kious, M., Gaoui, B.	Enhanced of electrical properties and shielding efficiency of hybrid composite with temperature	PMC, shielding effectiveness, temperature, conductivity, hybrid composite	29, 3, 171-177	https://doi.org/10.18280/rcma.290307	Merizgui, T., Hadjadj, A. Kious, M., Gaoui, B. (2019). Enhanced of electrical properties and shielding efficiency of hybrid composite with temperature. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 171-177. https://doi.org/10.18280/rcma.290307
261	Talabari, A.A., Alaci, M.H., Shalian, H.R.	Experimental investigation of tensile properties in a glass/epoxy sample manufactured by vacuum infusion, vacuum bag and hand layup process	VIP, vacuum bag, hand layup, tensile strength, modulus, inter-laminar bonding, surface macroscopy	29, 3, 179-182	https://doi.org/10.18280/rcma.290308	Talabari, A.A., Alaci, M.H., Shalian, H.R. (2019). Experimental investigation of tensile properties in a glass/epoxy sample manufactured by vacuum infusion, vacuum bag and hand layup process. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 3, pp. 179-182. https://doi.org/10.18280/rcma.290308
262	Ahmadi, M.H., Ghazvini, M., Baghban, A., Hadipoor, M., Seifaddini, P., Ramezannezhad, M., Ghasempour, R., Kumar, R., Sheremet, M.A., Lorenzini, G.	Soft computing approaches for thermal conductivity estimation of CNT/water nanofluid	thermal conductivity, neural networks, Lssvm, Anfis, CNT/water	29, 2, 71-82	https://doi.org/10.18280/rcma.290201	Ahmadi, M.H., Ghazvini, M., Baghban, A., Hadipoor, M., Seifaddini, P., Ramezannezhad, M., Ghasempour, R., Kumar, R., Sheremet, M.A., Lorenzini, G. (2019). Soft computing approaches for thermal conductivity estimation of CNT/Water nanofluid. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 71-82. https://doi.org/10.18280/rcma.290201
263	Merabti, S., Grioui, K., Menni, Y., Chamkha, A.J., Lorenzini, G., Sakhri, N., Ameer, H.	Study of some parameters influence on a saharian building balance sheet	energy balance, heat balance, arid zone, thermal comfort, insulation glass	29, 2, 83-88	https://doi.org/10.18280/rcma.290202	Merabti, S., Grioui, K., Menni, Y., Chamkha, A.J., Lorenzini, G., Sakhri, N., Ameer, H. (2019). Study of some parameters influence on a Saharian building balance sheet. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 83-88. https://doi.org/10.18280/rcma.290202
264	Wang, Y.	Experimental analysis on refractory properties of tall buildings	concrete, tall building, refractory, damage evolution, damage mechanics	29, 2, 89-93	https://doi.org/10.18280/rcma.290203	Wang, Y. (2019). Experimental analysis on refractory properties of tall buildings. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 89-93. https://doi.org/10.18280/rcma.290203
265	Siddegowda, P., Sannappagowda, G.M., Jain, V., Gowda, S.J.	Hydrocarbons as alternate refrigerants to replace r134a in domestic refrigerators	cop, compressor work input, discharge temperature, displacement volume, volumetric efficiency	29, 2, 95-99	https://doi.org/10.18280/rcma.290204	Siddegowda, P., Sannappagowda, G.M., Jain, V., Gowda, S.J. (2019). Hydrocarbons as alternate refrigerants to replace R134a in domestic refrigerators. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 95-99. https://doi.org/10.18280/rcma.290204
266	Dwivedi, S.P., Maurya, N.K., Maurya, M.	Effect of uncarbonized eggshell weight percentage on mechanical properties of composite material developed by electromagnetic stir casting technique	uncarbonized eggshell, AA 2014 Alloy, tensile strength, hardness and electromagnetic stir casting technique	29, 2, 101-107	https://doi.org/10.18280/rcma.290205	Dwivedi, S.P., Maurya, N.K., Maurya, M. (2019). Effect of uncarbonized eggshell weight percentage on mechanical properties of composite material developed by electromagnetic stir casting technique. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 101-107. https://doi.org/10.18280/rcma.290205
267	Li, J., Shi, S.Q., He, Q.L., Chen, S.	Split-hopkinson pressure bar test and numerical simulation of steel fiber-reinforced high-strength concrete	steel fiber-reinforced high-strength concrete (SFRHSC), impact compression, strain rate effect, numerical simulation	29, 2, 109-117	https://doi.org/10.18280/rcma.290206	Li, J., Shi, S.Q., He, Q.L., Chen, S. (2019). Split-hopkinson pressure bar test and numerical simulation of steel fiber-reinforced high-strength concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 109-117. https://doi.org/10.18280/rcma.290206
268	Yeminieni, S.S.R., Kutchibotla, K.R.	Buckling study of conical shells subjected to uniform external pressure using theoretical and FEA approaches	unstiffened conical shell, uniform external pressure, linear buckling analysis, non-linear buckling analysis, al-cu alloy, CFRP composite	29, 2, 119-123	https://doi.org/10.18280/rcma.290207	Yeminieni, S.S.R., Kutchibotla, K.R. (2019). Buckling study of conical shells subjected to uniform external pressure using theoretical and FEA approaches. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 119-123. https://doi.org/10.18280/rcma.290207
269	Xu, Y.L.	A 1D compression model for loess based on disturbed state concept	intact loess, remolded loess, disturbance function, evolution law, disturbed state concept (DSC)	29, 2, 125-129	https://doi.org/10.18280/rcma.290208	Xu, Y.L. (2019). A 1D compression model for loess based on disturbed state concept. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 2, pp. 125-129. https://doi.org/10.18280/rcma.290208
270	Boussehel, H., Mazouzi, D.E., Belghar, N., Guerira, B., Lachi, M.	Effect of chemicals treatments on the morphological, mechanical, thermal and water uptake properties of polyvinyl chloride/ palm fibers composites	poly (vinyl chloride), palm fibers, acetylation, alkali, mechanical, thermal, water absorption	29, 1, 1-8	https://doi.org/10.18280/rcma.290101	Boussehel, H., Mazouzi, D.E., Belghar, N., Guerira, B., Lachi, M. (2019). Effect of chemicals treatments on the morphological, mechanical, thermal and water uptake properties of polyvinyl chloride/ palm fibers composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol.29, No.1, pp.1-8. https://doi.org/10.18280/rcma.290101
271	Bhowmik, C., Chakraborti, P.	Stability analysis of electric transmission line tower made with composite material carbon fiber epoxy - an innovative approach	transmission line tower, strength, stability, CFE, STAAD	29, 1, 9-13	https://doi.org/10.18280/rcma.290102	Bhowmik, C., Chakraborti, P. (2019). Stability analysis of electric transmission line tower made with composite material carbon fiber epoxy - An Innovative approach. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol.29, No.1, pp.9-13. https://doi.org/10.18280/rcma.290102
272	Wang, F.C., Wang, C., Yi, S.J.	Strength and performance of straw ash cement mortar	rice straw ash, cement mortar, water absorption, compressive strength, flexural strength	29, 1, 15-20	https://doi.org/10.18280/rcma.290103	Wang, F.C., Wang, C., Yi, S.J. (2019). Strength and performance of straw ash cement mortar. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No.1, pp.15-20. https://doi.org/10.18280/rcma.290103

273	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L.	Preparation and property analysis of phase change concrete PEG/SiO ₂ -CPCM	polyethylene glycol (PEG), silica sol, phase change concrete, compressive strength, thermal conductivity	29, 1, 21-26	https://doi.org/10.18280/rcma.290104	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L. (2019). Preparation and property analysis of phase change concrete PEG/SiO ₂ -CPCM. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol.29, No.1, pp.21-26. https://doi.org/10.18280/rcma.290104
274	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B.	Effect of human body temperature on new multilayer composite shield in pacemaker	EM shielding effectiveness, temperature, multilayer composite, pacemakers, titanium, silicon	29, 1, 27-32	https://doi.org/10.18280/rcma.290105	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B. (2019). Effect of Human body temperature on new multilayer composite shield in pacemaker. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol.29, No.1, pp.27-32. https://doi.org/10.18280/rcma.290105
275	Subramanian, S.M., Karuppaiah, M.	Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB ₂ addition	stir casting, metal matrix composite (MMC), master alloy, cupric oxide (CuO), heat treatment	29, 1, 33-37	https://doi.org/10.18280/rcma.290106	Subramanian, S.M., Karuppaiah, M. (2019). Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB ₂ Addition. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol.29, No.1, pp.33-37. https://doi.org/10.18280/rcma.290106
276	Wang, J.Q., Lu, L.C.	Microwave absorbing features of Ce ₂ (Co _{0.3} Fe _{0.7}) ₁₇ /ferrite coating material	absorbent, ferrite, reflection loss, coating material, composite	29, 1, 39-44	https://doi.org/10.18280/rcma.290107	Wang, J.Q., Lu, L.C. (2019). Microwave absorbing features of Ce ₂ (Co _{0.3} Fe _{0.7}) ₁₇ /ferrite coating material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 1, pp. 39-44. https://doi.org/10.18280/rcma.290107
277	Huang, C.S., Chen, F.Q., Gao, D.Y.	Experimental study on splitting performance of fiber reinforced asphalt concrete	road engineering, performance of splitting test, test research, fiber reinforced asphalt mixture	29, 1, 45-52	https://doi.org/10.18280/rcma.290108	Huang, C.S., Chen, F.Q., Gao, D.Y. (2019). Experimental study on splitting performance of fiber reinforced asphalt concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No.1, pp. 45-52. https://doi.org/10.18280/rcma.290108
278	Chaudhury, P., Samantary, S.	Finite element modelling of EDM of aluminum particulate metal matrix composites considering temperature dependent properties	powder metallurgy, particulate metal matrix composite, thermal modeling, electrical discharge machining, finite element method, specific heat, heat flux, material removal rate	29, 1, 53-62	https://doi.org/10.18280/rcma.290109	Chaudhury, P., Samantary, S. (2019). Finite element modelling of EDM of aluminum particulate metal matrix composites considering temperature dependent properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No.1, pp.53-62. https://doi.org/10.18280/rcma.290109
279	Kumar, D., Sokhal, G.S., Sharma, P.	Numerical analysis of the heat and fluids flow performance of cuo-nanofluids in flat tube with bend	radiator, heat transfer coefficient, pressure drop, Nusselt number, friction factor	29, 1, 63-69	https://doi.org/10.18280/rcma.290110	Kumar, D., Sokhal, G.S., Sharma, P. (2019). Numerical analysis of the heat and fluids flow performance of cuo-nanofluids in flat tube with bend. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 29, No. 1, pp. 63-69. https://doi.org/10.18280/rcma.290110
280	Amiri, R., Bouiadjra, B.B., Amiri, A., Haref, D.C.	3D finite element analysis of stem-cement interface under cavity effect	finite element, bone cement, interface, cavity, failure, debonding	28, 4, 455-469	https://doi.org/10.3166/RCMA.28.455-469	Amiri, R., Bouiadjra, B.B., Amiri, A., Haref, D.C. (2018). 3D finite element analysis of stem-cement interface under cavity effect. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 455-469. https://doi.org/10.3166/RCMA.28.455-469
281	Ji, L., Wang, M.L., Sun, M.L., Zhao, W.L., Wang, H.M., Zhang, H.	Forming process of carbon fiber truss bridge units	carbon fiber, truss bridge units, forming process, vacuum hot press molding	28, 4, 471-479	https://doi.org/10.3166/RCMA.28.471-479	Ji, L., Wang, M.L., Sun, M.L., Zhao, W.L., Wang, H.M., Zhang, H. (2018). Forming process of carbon fiber truss bridge units. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 471-479. https://doi.org/10.3166/RCMA.28.471-479
282	Murugan, S.S., Maheswar, K.	Development of ultra fine grained structure (UFG) on AA6061 and reinforced with CuO composite through equal channel angular pressing (ECAP) process	UFG, ECAP, stir casting, severe plastic deformation, solution heat treatment, microstructure	28, 4, 481-494	https://doi.org/10.3166/RCMA.28.481-494	Murugan, S.S., Maheswar, K. (2018). Development of ultra fine grained structure (UFG) on AA6061 and reinforced with CuO composite through equal channel angular pressing (ECAP) process. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 481-494. https://doi.org/10.3166/RCMA.28.481-494
283	Zhang, X.G., Chen, Z.X., Yi, N.P., Yin, M.J.	Clay curing properties of a compound solution of sulfonated petroleum product	sulfonated petroleum product, silty clay, modification, experimental analysis	28, 4, 495-507	https://doi.org/10.3166/RCMA.28.495-507	Zhang, X.G., Chen, Z.X., Yi, N.P., Yin, M.J. (2018). Clay curing properties of a compound solution of sulfonated petroleum product. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 495-507. https://doi.org/10.3166/RCMA.28.495-507
284	Uppalapati, G., Gunji, S., Malkapuram, R.	Development and characterization of chicken feather rachis, sawdust and HDPE hybrid composite material	composite material, chicken feather, MYK laticrete-latapoxy resin and hardener, strength of composite materials	28, 4, 509-528	https://doi.org/10.3166/RCMA.28.509-528	Uppalapati, G., Gunji, S., Malkapuram, R. (2018). Development and characterization of chicken feather rachis, sawdust and HDPE hybrid composite material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 509-528. https://doi.org/10.3166/RCMA.28.509-528
285	Huang, Z.H., Zhu, Z.Q., Zhou, Z.H.	Harmful gas reduction through synthesis of epoxy resin aqueous dispersion	reactive epoxy emulsifier, epoxy aqueous dispersion, epoxy chain extension, stability	28, 4, 529-538	https://doi.org/10.3166/RCMA.28.529-538	Huang, Z.H., Zhu, Z.Q., Zhou, Z.H. (2018). Harmful gas reduction through synthesis of epoxy resin aqueous dispersion. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 529-538. https://doi.org/10.3166/RCMA.28.529-538
286	Wang, W., Zhang, K.F., Zhou, X.L., Wang, C.L., Huo, Z.K., Ye, P.F., Meng, X.Q.	Deep reduction recovery of iron from copper slag	copper slag, deep reduction, iron recovery, magnetic separation, metallic iron	28, 4, 539-549	https://doi.org/10.3166/RCMA.28.539-549	Wang, W., Zhang, K.F., Zhou, X.L., Wang, C.L., Huo, Z.K., Ye, P.F., Meng, X.Q. (2018). Deep reduction recovery of iron from copper slag. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 4, pp. 539-549. https://doi.org/10.3166/RCMA.28.539-549
287	Buonomo B., Pasqua A.D., Ercole D., Manca O.	Porosity effect on thermal and fluid dynamic behaviors of a compact heat exchanger in aluminum foam	aluminum foam, heat exchanger, heat transfer enhancement	28, 3, 305-322	https://doi.org/10.3166/RCMA.28.305-322	Buonomo B., Pasqua A.D., Ercole D., Manca O. (2018). Porosity effect on thermal and fluid dynamic behaviors of a compact heat exchanger in aluminum foam. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 305-322. https://doi.org/10.3166/RCMA.28.305-322
288	Gatto, M.F., Pedicini, R., Carbone, A., Saccà, A., Matera, F., Gatto, I.	Study and development of innovative materials for hydrogen storage activity	materials, synthesis, hydrogen storage	28, 3, 323-332	https://doi.org/10.3166/RCMA.28.323-332	Gatto, M.F., Pedicini, R., Carbone, A., Saccà, A., Matera, F., Gatto, I. (2018). Study and development of innovative materials for hydrogen storage activity. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 323-332. https://doi.org/10.3166/RCMA.28.323-332
289	Meng, H., Wei, J., Xing, L.X.	Permeability and mechanical properties of basalt fiber-reinforced concrete under magnesium sulfate corrosion	basalt fiber, anti-erosion ability, mechanical properties, magnesium sulfate corrosion	28, 3, 333-343	https://doi.org/10.3166/RCMA.28.333-343	Meng, H., Wei, J., Xing, L.X. (2018). Permeability and mechanical properties of basalt fiber-reinforced concrete under magnesium sulfate corrosion. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 333-343. https://doi.org/10.3166/RCMA.28.333-343

290	Mahesh, V., Joladarashi, S., Kulkarni, S.M.	Experimental investigation on slurry erosive behaviour of biodegradable flexible composite and optimization of parameters using Taguchi's approach	jute, rubber, slurry erosion, design of experiments, Taguchi, flexible composites	28, 3, 345-355	https://doi.org/10.3166/RCMA.28.345-355	Mahesh, V., Joladarashi, S., Kulkarni, S.M. (2018). Experimental investigation on slurry erosive behaviour of biodegradable flexible composite and optimization of parameters using Taguchi's approach. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 345-355. https://doi.org/10.3166/RCMA.28.345-355
291	Jin, L.L.	Analysis on microscopic damage of porous materials under cyclic loads	modified guron-tvergaard-needleman (GTN) model, stress triaxiality, cell model, void evolution, cyclic load, ratcheting effect	28, 3, 357-381	https://doi.org/10.3166/RCMA.28.357-381	Jin, L.L. (2018). Analysis on microscopic damage of porous materials under cyclic loads. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 357-381. https://doi.org/10.3166/RCMA.28.357-381
292	Bourennane, H., Gueribiz, D., Benchatti, A.	Mechanical behavior modeling of damaged composite matrix	composites mechanical behavior, damage, polymer matrix	28, 3, 383-393	https://doi.org/10.3166/RCMA.28.383-393	Bourennane, H., Gueribiz, D., Benchatti, A. (2018). Mechanical behavior modeling of damaged composite matrix. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 383-393. https://doi.org/10.3166/RCMA.28.383-393
293	Zheng, L., Xia, Z., Zhang, X.Y.	Comparison between geopolymer reaction and cement hydration in solidification of fly ash generated in municipal solid waste incineration	strength, heavy metal phase, cement, geopolymer, municipal solid waste incineration (MSWI), fly ash	28, 3, 395-403	https://doi.org/10.3166/RCMA.28.395-403	Zheng, L., Xia, Z., Zhang, X.Y. (2018). Comparison between geopolymer reaction and cement hydration in solidification of fly ash generated in municipal solid waste incineration. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 395-403. https://doi.org/10.3166/RCMA.28.395-403
294	Rajput, G.R., Patil, V.S., Prasad, J.S.V.R.K.	MHD flow of Powell-Eyring nanofluid containing nanoparticles and gyrotactic microorganisms over a stretched surface	micro-organismes gyrotactiques, nanofluid de powell-eyring	28, 3, 405-420	https://doi.org/10.3166/RCMA.28.405-420	Rajput, G.R., Patil, V.S., Prasad, J.S.V.R.K. (2018). MHD flow of Powell-Eyring nanofluid containing nanoparticles and gyrotactic microorganisms over a stretched surface. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 405-420. https://doi.org/10.3166/RCMA.28.405-420
295	Dwivedi, S.P., Sharma, S.	Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design	waste eggshells, corrosion rate, preheat temperature, particle size, RSM	28, 3, 421-438	https://doi.org/10.3166/RCMA.28.421-438	Dwivedi, S.P., Sharma, S. (2018). Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 421-438. https://doi.org/10.3166/RCMA.28.421-438
296	Zhang, W., Yu, Y.D., Li, Z., Li, J.P.	Study on closed-die forging technology and numerical simulation of T-junction of high-pressure pipe	high-pressure pipe, T-junction, closed-die forging, numerical simulation	28, 3, 439-448	https://doi.org/10.3166/RCMA.28.439-448	Zhang, W., Yu, Y.D., Li, Z., Li, J.P. (2018). Study on closed-die forging technology and numerical simulation of T-junction of high-pressure pipe. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 3, pp. 439-448. https://doi.org/10.3166/RCMA.28.439-448
297	Franco, F.D., Burgio, G., Santamaria, M.	Chitosan-Heteropolyacid membranes for direct methanol fuel cells	proton conductors, Chitosan (CS)-based membrane, direct methanol fuel cells	28, 2, 141-147	https://doi.org/10.3166/RCMA.28.141-147	Franco, F.D., Burgio, G., Santamaria, M. (2018). Chitosan-Heteropolyacid membranes for direct methanol fuel cells. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 141-147. https://doi.org/10.3166/RCMA.28.141-147
298	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalfallah, F.	Effect of FSW process parameters on strength and peak temperature for joining high-density polyethylene (HDPE) sheets	friction stir welding, polyethylene, tensile strength, peak temperature, ANOVA	28, 2, 149-160	https://doi.org/10.3166/RCMA.28.149-160	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalfallah, F. (2018). Effect of FSW process parameters on strength and peak temperature for joining high-density polyethylene (HDPE) sheets. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 149-160. https://doi.org/10.3166/RCMA.28.149-160
299	Luo, J.H., Liu, X.L., Huang, H.F., Mi, D.C., Chen, D.Q.	Mechanism analysis and application of cement-soil mixing pile in soft roadbed treatment	composite, Cement-soil Mixing Pile (CSMP), ratio test, composite soft soil roadbed, settlement analysis	28, 2, 161-172	https://doi.org/10.3166/RCMA.28.161-172	Luo, J.H., Liu, X.L., Huang, H.F., Mi, D.C., Chen, D.Q. (2018). Mechanism analysis and application of cement-soil mixing pile in soft roadbed treatment. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 161-172. https://doi.org/10.3166/RCMA.28.161-172
300	Endalew, M.F., Sarkar, S., Seth, G.S., Makinde, O.D.	Dual-phase-lag heat transfer model in hydromagnetic second grade flow through a microchannel filled with porous material: A time-bound analysis	dual-phase-lag heat transfer, microchannel, second grade fluid, porous material, MHD flow	28, 2, 173-194	https://doi.org/10.3166/RCMA.28.173-194	Endalew, M.F., Sarkar, S., Seth, G.S., Makinde, O.D. (2018). Dual-phase-lag heat transfer model in hydromagnetic second grade flow through a microchannel filled with porous material: A time-bound analysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 173-194. https://doi.org/10.3166/RCMA.28.173-194
301	Guo, N., Wang, H.T., Zuo, H.L.	Flexural experiments on prestressed glued bamboo and lumber beam for material selection	prestressed glued bamboo and lumber (GB&L) beam, flexural experiment, ultimate load, failure pattern	28, 2, 195-210	https://doi.org/10.3166/RCMA.28.195-210	Guo, N., Wang, H.T., Zuo, H.L. (2018). Flexural experiments on prestressed glued bamboo and lumber beam for material selection. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 195-210. https://doi.org/10.3166/RCMA.28.173-194
302	Tameur, Z., Ahmed, S., Sahli, S.	Fluid-structure interaction parameters analysis with incompressible flows	fluid-structure interaction, arbitrary lagrangian-eulerian description, incompressible flows, nonlinear geometric analysis, partitioned coupling	28, 2, 211-238	https://doi.org/10.3166/RCMA.28.211-238	Tameur, Z., Ahmed, S., Sahli, S. (2018). Fluid-structure interaction parameters analysis with incompressible flows. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 211-238. https://doi.org/10.3166/RCMA.28.211-238
303	Zhao, M.Z., Yang, R.S., Fang, J.	Stability and control technology for coal roadway of composite roof with thin-layered and argillaceous	thin-layered, compound roof, similar material simulation, composite beam, combined support	28, 2, 239-255	https://doi.org/10.3166/RCMA.28.239-255	Zhao, M.Z., Yang, R.S., Fang, J. (2018). Stability and control technology for coal roadway of composite roof with thin-layered and argillaceous. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 239-255. https://doi.org/10.3166/RCMA.28.239-255
304	Elmeriah, A., Nehari, D., Mohamed, A., Remlaoui, A.	Natural convection mechanism evaluation inside a shell and tube thermal energy storage (TES) devise inclination	heat transfer, phase change material, thermal energy storage, numerical investigation	28, 2, 257-276	https://doi.org/10.3166/RCMA.28.257-276	Elmeriah, A., Nehari, D., Mohamed, A., Remlaoui, A. (2018). Natural convection mechanism evaluation inside a shell and tube thermal energy storage (TES) devise inclination. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 257-276. https://doi.org/10.3166/RCMA.28.257-276
305	Mathivanan, N. R., Babu, N. M., Kumar, K. V.	Empirical study on twisting force using Taguchi doe technique during drilling of hybrid FRP laminate	drilling, torque, cutting speed, feed rate, tool material	28, 2, 277-288	https://doi.org/10.3166/RCMA.28.277-288	Mathivanan, N. R., Babu, N. M., Kumar, K. V. (2018). Empirical study on twisting force using Taguchi doe technique during drilling of hybrid FRP laminate. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 277-288. https://doi.org/10.3166/RCMA.28.277-288
306	Xi, S., Zhang, Y. Z., Ji, Y., Zhu, Y. L., Liu, Y., Yang, Y. T., Yu, M. L.	Integrated growth of Si-O-C nanosheets on the surface of carbon microstructure with the aid of carbon nanotubes	Si-o-c nanosheet, carbon nanotubes (CNTs), pyrolysis, volatile-solid (V-S) growth mechanism	28, 2, 289-298	https://doi.org/10.3166/RCMA.28.289-298	Xi, S., Zhang, Y. Z., Ji, Y., Zhu, Y. L., Liu, Y., Yang, Y. T., Yu, M. L. (2018). Integrated growth of Si-O-C nanosheets on the surface of carbon microstructure with the aid of carbon nanotubes. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 2, pp. 289-298. https://doi.org/10.3166/RCMA.28.289-298

307	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P.	Modélisation du procédé de thermoestampage de composites préimprégnés à matrice thermoplastique	finite element analysis, forming, prepreg, thermomechanical, thermoplastic, viscoelasticity	28, 1, 9-33	https://doi.org/10.3166/RCMA.28.9-33	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P. (2018). Modélisation du procédé de thermoestampage de composites préimprégnés à matrice thermoplastique. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 9-33. https://doi.org/10.3166/RCMA.28.9-33
308	Sorba, G., Binetruy, C., Leygue, A., Gudiwada, S., Lebrun, J.-M., Bertrand, F., Comas-Cardona, S., Jollivet, T.	Squeeze flow in heterogeneous discontinuous viscous woven prepreg laminates: Experimental measurements and 3d modeling	anisotropic fluid, consolidation, squeeze flow, thermoplastic woven prepreg	28, 1, 35-53	https://doi.org/10.3166/RCMA.28.35-53	Sorba, G., Binetruy, C., Leygue, A., Gudiwada, S., Lebrun, J.-M., Bertrand, F., Comas-Cardona, S., Jollivet, T. (2018). Squeeze flow in heterogeneous discontinuous viscous woven prepreg laminates: Experimental measurements and 3d modeling. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 35-53. https://doi.org/10.3166/RCMA.28.35-53
309	Mulle, M., Wafai, H., Yudhanto, A., Lubineau, G., Yaldiz, R., Schijve, W., Verghese, N.	Suivi de la fabrication de stratifiés verrepolypropylène par réseaux de Bragg et du comportement thermomécanique induit	fiber bragg gratings, hot-press molding, process monitoring, properties, residual strains, thermoplastics	28, 1, 55-73	https://doi.org/10.3166/RCMA.28.55-73	Mulle, M., Wafai, H., Yudhanto, A., Lubineau, G., Yaldiz, R., Schijve, W., Verghese, N. (2018). Suivi de la fabrication de stratifiés verrepolypropylène par réseaux de Bragg et du comportement thermomécanique induit. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 55-73. https://doi.org/10.3166/RCMA.28.55-73
310	Courtemanche, B., Fouyer, K., Barasinski, A.	Influence des propriétés thermiques des pré-imprégnés composites thermoplastiques pour lenroulement filamentaire laser	infrared thermography, laser winding, online monitoring, porosity, tape placement, thermal properties, thermoplastic composite, thickness	28, 1, 69-88	https://doi.org/10.3166/RCMA.28.69-88	Courtemanche, B., Fouyer, K., Barasinski, A. (2018). Influence des propriétés thermiques des pré-imprégnés composites thermoplastiques pour lenroulement filamentaire laser. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 69-88. https://doi.org/10.3166/RCMA.28.69-88
311	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G.	Diagramme tt isotherme de la polymérisation anionique du pa6 à partir de l-caprolactame	materialsmaterials, science	28, 1, 89-110	https://doi.org/10.3166/RCMA.28.89-110	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G. (2018). Diagramme tt isotherme de la polymérisation anionique du pa6 à partir de l-caprolactame. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 89-110. https://doi.org/10.3166/RCMA.28.89-110
312	Boyard, N., Pignon, B., Sobotka, V., Delaunay, D.	Cinétique de cristallisation en refroidissement rapide et sous pression de polymères thermoplastiques	crystallization, kinetics, rapid cooling, thermoplastics	28, 1, 111-134	https://doi.org/10.3166/RCMA.28.111-134	Boyard, N., Pignon, B., Sobotka, V., Delaunay, D. (2018). Cinétique de cristallisation en refroidissement rapide et sous pression de polymères thermoplastiques. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 28, No. 1, pp. 111-134. https://doi.org/10.3166/RCMA.28.111-134
313	Obeid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P.	Hygromechanical characterization of glass fiber reinforced polyamide composites behavior [Caractérisation du comportement hygromécanique de composites à matrice polyamide renforcée par des fibres de verre]	coupled hygromechanical problem, hygroscopic expansion, moisture diffusion, multiphysics, multiscale, plasticization, polyamide PA6	27, 3-4, 231-248	https://doi.org/10.3166/rcma.2017.00022	Obeid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P. (2017). Hygromechanical characterization of glass fiber reinforced polyamide composites behavior. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 231-248. https://doi.org/10.3166/rcma.2017.00022
314	Djilali, K.-A.	Study of the impact of the humidity on the tribological holding of sliding contact materials [Étude de l'impact de l'humidité sur la tenue tribologique des matériaux de contact glissant]	aluminum, composite materials, grey font, humidity, steel, tribology, wear	27, 3-4, 249-260	https://doi.org/10.3166/rcma.2017.00021	Djilali, K.-A. (2017). Study of the impact of the humidity on the tribological holding of sliding contact materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 249-260. https://doi.org/10.3166/rcma.2017.00021
315	Mansouri, K., Djebaili, H., Brioua, M.	The influence of fiber arrangement on the mechanical properties of short fiber reinforced thermoplastic matrix composite	finite element, short fiber, thermoplastic composite	27, 3-4, 261-274	https://doi.org/10.3166/rcma.2017.00027	Mansouri, K., Djebaili, H., Brioua, M. (2017). The influence of fiber arrangement on the mechanical properties of short fiber reinforced thermoplastic matrix composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 261-274. https://doi.org/10.3166/rcma.2017.00027
316	Tragangoon, A., Patamaprom, B., Renard, J., Gantchenko, V., Cerrillo, X.	Failure criterion for composite structure with an open-hole or bolted joint using characteristic volume approach	bolted assembly, characteristic volume/area, holed woven composite, non-local failure criterion	27, 3-4, 275-300	https://doi.org/10.3166/rcma.2017.00026	Tragangoon, A., Patamaprom, B., Renard, J., Gantchenko, V., Cerrillo, X. (2017). Failure criterion for composite structure with an open-hole or bolted joint using characteristic volume approach. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 275-300. https://doi.org/10.3166/rcma.2017.00026
317	Chikr, Y.C.	Study of multiple cracks repair by collage of composite patches [Étude de la réparation des fissures multiples par collage de patches en composite]	adhesive stresses, cracks, displacements, finite elements, interaction, stress intensity factors (SIFS)	27, 3-4, 301-318	https://doi.org/10.3166/rcma.2017.00025	Chikr, Y.C. (2017). Study of multiple cracks repair by collage of composite patches. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 301-318. https://doi.org/10.3166/rcma.2017.00025
318	Gantchenko, V., Renard, J.	Characterization of an adhesive bonding. Arcan-Mines test and fracture mechanics results [Caractérisation d'une interface collée. Essai Arcan-Mines et mécanique linéaire de la rupture]	plasticity and rupture criteria, stress intensity factor, structural epoxy adhesive	27, 3-4, 319-334	https://doi.org/10.3166/rcma.2017.00019	Gantchenko, V., Renard, J. (2017). Characterization of an adhesive bonding. Arcan-Mines test and fracture mechanics results. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 319-334. https://doi.org/10.3166/rcma.2017.00019
319	Ramdoum, S., Serier, B., Bouafia, F., Fekirini, H.	Numerical analysis of crack behavior subjected to residual stresses in the metal matrix composites [Analyse numérique du comportement de fissure soumise à des contraintes résiduelles dans les composites à matrice métallique]	crack, fiber, localization, matrix, propagation, residual stresses, stress intensity factor	27, 3-4, 335-356	https://doi.org/10.3166/rcma.2017.00024	Ramdoum, S., Serier, B., Bouafia, F., Fekirini, H. (2017). Numerical analysis of crack behavior subjected to residual stresses in the metal matrix composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 335-356. https://doi.org/10.3166/rcma.2017.00024
320	Mbacke, M.A., Nguyen, T.-L., Rozycki, P.	Modeling of crash behavior and thermo-stamping process of a thermoplastic composite part	composite, constitutive law, crash, experimental tests, thermo-stamping	27, 3-4, 357-380	https://doi.org/10.3166/rcma.2017.00023	Mbacke, M.A., Nguyen, T.-L., Rozycki, P. (2017). Modeling of crash behavior and thermo-stamping process of a thermoplastic composite part. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 357-380. https://doi.org/10.3166/rcma.2017.00023
321	Boubeker, R., Hecini, M.	Study of the mechanical behavior of orthotropic plates with a centered elliptic hole	composite material, elliptical hole, plates with a hole, stress concentration factor, stress distribution	27, 3-4, 381-398	https://doi.org/10.3166/rcma.2017.00020	Boubeker, R., Hecini, M. (2017). Study of the mechanical behavior of orthotropic plates with a centered elliptic hole. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 3-4, pp. 381-398. https://doi.org/10.3166/rcma.2017.00020
322	Mangeon, C., Samain, X., Rodi, E.G., Renard, E., Dessauw, E., Sansalone, V., Lemaire, T., Langlois, V.	Effect of chemical modification of fibers on the properties of renewable biocomposites	biocomposites, biosourced materials, chemical modifications, plant fibers	27, 1-2, 11-30	https://doi.org/10.3166/rcma.2017.00001	Mangeon, C., Samain, X., Rodi, E.G., Renard, E., Dessauw, E., Sansalone, V., Lemaire, T., Langlois, V. (2017). Effect of chemical modification of fibers on the properties of renewable biocomposites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 11-30. https://doi.org/10.3166/rcma.2017.00001
323	Jalal, N., Zidi, M.	Visco-hyperelastic mechanical characterization of skeletal muscle in compression-relaxation test [Caractérisation mécanique du comportement visco-hyperélastique du muscle squelettique par des essais de relaxation en compression]	compression relaxation test, material parameters identification, skeletal muscle, visco-hyperelasticity	27, 1-2, 31-44	https://doi.org/10.3166/rcma.2017.00002	Jalal, N., Zidi, M. (2017). Visco-hyperelastic mechanical characterization of skeletal muscle in compression-relaxation test. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 31-44. https://doi.org/10.3166/rcma.2017.00002

324	Djellouli, D., Jalal, N., Bouaricha, A., Bouchelaghem, A., Zidi, M.	Mechanical behavior study of abdominal aortic aneurysm created by the rat xenograft model [Étude du comportement mécanique de l'anévrisme de l'aorte abdominale créé par le modèle de xé nogreffé de rat]	abdominal aorta aneurysm, finite element, wall stresses, xenograft rat model	27, 1-2, 45-56	https://doi.org/10.3166/rcma.2017.00003	Djellouli, D., Jalal, N., Bouaricha, A., Bouchelaghem, A., Zidi, M. (2017). Mechanical behavior study of abdominal aortic aneurysm created by the rat xenograft model. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 45-56. https://doi.org/10.3166/rcma.2017.00003
325	Féréol, S., Fodil, R.	Effect of cholesterol depletion on the viscoelastic properties of alveolar epithelial cells assessed by Atomic Force Microscopy in large deformation [Effet de la déplétion du cholestérol sur les propriétés viscoélastiques des cellules épithéliales alvéolaires évaluées par microscopie à force atomique en grandes déformations]	alveolar epithelial cells, atomic force microscopy, cholesterol, hertz model, viscoelastic properties	27, 1-2, 57-72	https://doi.org/10.3166/rcma.2017.00004	Féréol, S., Fodil, R. (2017). Effect of cholesterol depletion on the viscoelastic properties of alveolar epithelial cells assessed by Atomic Force Microscopy in large deformation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 57-72. https://doi.org/10.3166/rcma.2017.00004
326	Harbaoui, R., Znaidi, A., Nasri, R.	Modeling of titanium alloys by an identification strategy: Biomechanical application [Modélisation des alliages de titane par une stratégie d'identification Application biomécanique]	anisotropy, behavior law, bone prosthesis, material identification, titanium, titanium	27, 1-2, 73-86	https://doi.org/10.3166/rcma.2017.00005	Harbaoui, R., Znaidi, A., Nasri, R. (2017). Modeling of titanium alloys by an identification strategy: Biomechanical application. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 73-86. https://doi.org/10.3166/rcma.2017.00005
327	Delaleux, F., Guihéneuf, V., Riou, O., Logerais, P.O., Durastanti, J.F.	Study of the accelerated aging under UV of the ethylene-vinyl acetate copolymer for photovoltaic applications [Étude du vieillissement accéléré sous UV du copolymère éthylène-acétate de vinyle pour des applications photovoltaïques]	ageing, EVA, optical transmission, photovoltaic	27, 1-2, 87-96	https://doi.org/10.3166/rcma.2017.00010	Delaleux, F., Guihéneuf, V., Riou, O., Logerais, P.O., Durastanti, J.F. (2017). Study of the accelerated aging under UV of the ethylene-vinyl acetate copolymer for photovoltaic applications. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 87-96. https://doi.org/10.3166/rcma.2017.00010
328	Essid, N., Eddhahak, A., Neji, J.	Étude expérimentale et numérique pour la caractérisation thermique des bétons à changement de phase (BCP)	characterization, experimental device, inverse problems, phase change concretes, specific heat, thermal conductivity	27, 1-2, 97-110	https://doi.org/10.3166/rcma.2017.00006	Essid, N., Eddhahak, A., Neji, J. (2017). Étude expérimentale et numérique pour la caractérisation thermique des bétons à changement de phase (BCP). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 97-110. https://doi.org/10.3166/rcma.2017.00006
329	Chakhari, M., Hassen, S., Kallel, A.	Residual behavior of Tunisian concretes under the effect of high temperatures [Comportement résiduel des bétons tunisiens sous l'effet des hautes températures]	heating-cooling, high temperatures, loss of residual mass, residual behavior, residual compressive strength	27, 1-2, 111-122	https://doi.org/10.3166/rcma.2017.00007	Chakhari, M., Hassen, S., Kallel, A. (2017). Residual behavior of Tunisian concretes under the effect of high temperatures. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 111-122. https://doi.org/10.3166/rcma.2017.00007
330	Achour, T., El Euch Khay, S., Jarraya, E., Neji, J.	Combined contribution of experiments and modeling to better understand mechanical properties of concrete [Apports combinés de l'expérimentation et de la modélisation à la compréhension des propriétés mécaniques des bétons]	aggregate, compressive strength, concrete, fillers, tensile strength, theoretical modeling	27, 1-2, 123-136	https://doi.org/10.3166/rcma.2017.00008	Achour, T., El Euch Khay, S., Jarraya, E., Neji, J. (2017). Combined contribution of experiments and modeling to better understand mechanical properties of concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 123-136. https://doi.org/10.3166/rcma.2017.00008
331	Achour, W.B., El Euch Khay, S., Neji, J.	Characterization and modeling of the concrete with crushed brick waste [Caractérisation et modélisation du béton à base de déchets de briques concassés]	concrete, crushed brick waste, mechanical properties, modelling	27, 1-2, 137-150	https://doi.org/10.3166/rcma.2017.00009	Achour, W.B., El Euch Khay, S., Neji, J. (2017). Characterization and modeling of the concrete with crushed brick waste. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 137-150. https://doi.org/10.3166/rcma.2017.00009
332	Bousetta, I., Euch Khay, Lecomte, A., Neji, J.	Caractérisation des performances des bétons compactés aux rouleaux à base de granulats recyclés	hyperbolic model, mechanical performances, microscopic observations, reclaimed asphalt pavement, roller compacted concrete	27, 1-2, 151-164	https://doi.org/10.3166/rcma.2017.00011	Bousetta, I., Euch Khay, Lecomte, A., Neji, J. (2017). Caractérisation des performances des bétons compactés aux rouleaux à base de granulats recyclés. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 151-164. https://doi.org/10.3166/rcma.2017.00011
333	Cherif, R., Eddhahak, A., Gabet, T., Hammoum, F., Neji, J.	Prediction of the viscoelastic properties of an asphalt mixture: Micromechanical and experimental approaches [Prédiction des propriétés viscoélastiques des enrobés bitumineux Approches micromécaniques et expérimentales]	asphalt mixture, complex module, GSC, homogenization, viscoelastic	27, 1-2, 165-176	https://doi.org/10.3166/rcma.2017.00012	Cherif, R., Eddhahak, A., Gabet, T., Hammoum, F., Neji, J. (2017). Prediction of the viscoelastic properties of an asphalt mixture: Micromechanical and experimental approaches. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 165-176. https://doi.org/10.3166/rcma.2017.00012
334	Euch Ben Saïd, Euch Khay, Achour, T., Loulizi, A.	Analyse et modélisation des caractéristiques mécaniques du béton de fraisât	mechanical properties modelling, rap, recycling	27, 1-2, 177-190	https://doi.org/10.3166/rcma.2017.00013	Euch Ben Saïd, Euch Khay, Achour, T., Loulizi, A. (2017). Analyse et modélisation des caractéristiques mécaniques du béton de fraisât. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 177-190. https://doi.org/10.3166/rcma.2017.00013
335	Siala, A., Euch Khay, Neji, J.	Contribution of the addition of reclaimed asphalt pavement and dune sand on the hot-mix asphalt performances [Étude de l'apport de l'ajout du sable de dune et du fraisât routier sur le comportement du béton bitumineux]	bituminous concrete, dune sand, mechanical properties, rap, reuse	27, 1-2, 191-208	https://doi.org/10.3166/rcma.2017.00014	Siala, A., Euch Khay, Neji, J. (2017). Contribution of the addition of reclaimed asphalt pavement and dune sand on the hot-mix asphalt performances. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 191-208. https://doi.org/10.3166/rcma.2017.00014
336	Makni, A., Haouam, A., Favergeon, J., Lahoche, L., Moulin, G.	Characterization by acoustic emission of the oxides scales obtained on the steel loaded in bending at high temperature under controlled atmosphere [Caractérisation par émission acoustique de la formation des oxydes obtenus sur l'acier sollicité en flexion à haute température sous atmosphère contrôlée]	4-point bending, acoustic emission, hot rolling, oxidation, scale	27, 1-2, 209-226	https://doi.org/10.3166/rcma.2017.00015	Makni, A., Haouam, A., Favergeon, J., Lahoche, L., Moulin, G. (2017). Characterization by acoustic emission of the oxides scales obtained on the steel loaded in bending at high temperature under controlled atmosphere. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 27, No. 1-2, pp. 209-226. https://doi.org/10.3166/rcma.2017.00015