

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	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	10.18280/rcoma.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/rcoma.290601
2	Issam, B., Rassin, Y., Abdelhak, 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	10.18280/rcoma.290602	Issam, B., Rassin, Y., Abdelhak, 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</i> , Vol. 29, No. 6, pp. 351-355. https://doi.org/10.18280/rcoma.290602
3	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	10.18280/rcoma.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</i> , Vol. 29, No. 6, pp. 357-362. https://doi.org/10.18280/rcoma.290603
4	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	10.18280/rcoma.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</i> , Vol. 29, No. 6, pp. 363-367. https://doi.org/10.18280/rcoma.290604
5	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 Le-Liquid Plasma, Microwave Oven, The Debye-Scherrer's Formula	29, 6, 369-373	10.18280/rcoma.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</i> , Vol. 29, No. 6, pp. 369-373. https://doi.org/10.18280/rcoma.290605
6	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	10.18280/rcoma.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</i> , Vol. 29, No. 6, pp. 375-380. https://doi.org/10.18280/rcoma.290606
7	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	10.18280/rcoma.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</i> , Vol. 29, No. 6, pp. 381-387. https://doi.org/10.18280/rcoma.290607
8	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	10.18280/rcoma.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</i> , Vol. 29, No. 5, pp. 277-287. https://doi.org/10.18280/rcoma.290501
9	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Jemmy, P., Bergeret, A.	Dimensional variations and mechanical behavior of various plant fibre species under controlled hydro / hygrothermal conditions	natural fibres, swelling, mechanical properties, hydrohygrothermal conditions	29, 5, 289-294	10.18280/rcoma.290502	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Jemmy, 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</i> , Vol. 29, No. 5, pp. 289-294. https://doi.org/10.18280/rcoma.290502
10	Grégoire, M., Ouagne, P., Barthod-Malat, P., Evon, P., Labonne, L., Placet, V.	Extraction of linned 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	10.18280/rcoma.290503	Grégoire, M., Ouagne, P., Barthod-Malat, P., Evon, P., Labonne, L., Placet, V. (2019). Extraction of linned 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</i> , Vol. 29, No. 5, pp. 295-300. https://doi.org/10.18280/rcoma.290503
11	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	10.18280/rcoma.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</i> , Vol. 29, No. 5, pp. 301-309. https://doi.org/10.18280/rcoma.290504
12	Mazian, B., Bergeret, A., Benzet, 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	10.18280/rcoma.290505	Mazian, B., Bergeret, A., Benzet, J.C., Bayle, S., Malhautier, L. (2019). Impact of field retting on the hemp fibres structure. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 311-316. https://doi.org/10.18280/rcoma.290505
13	Postdam, G., Güng, 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	10.18280/rcoma.290506	Postdam, G., Güng, 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</i> , Vol. 29, No. 5, pp. 317-323. https://doi.org/10.18280/rcoma.290506
14	Samuel Réquillé, Antoine Le Duigou, Alain Bournaud, Christophe Baley	Quality of the multi-scale interphase of hemp stems: Retting effect	biocomposites, hemp, fiber, interface, retting, peeling test	29, 5, 325-333	10.18280/rcoma.290507	Réquillé, S., Le Duigou, A., Bournaud, A., Baley, C. (2019). Quality of the multi-scale interphase of hemp stems: Retting effect. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 325-333. https://doi.org/10.18280/rcoma.290507
15	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	10.18280/rcoma.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</i> , Vol. 29, No. 5, pp. 335-340. https://doi.org/10.18280/rcoma.290508
16	Atrane, A., Serreir, Z., Poillâne, 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	10.18280/rcoma.290401	Atrane, A., Serreir, Z., Poillâne, 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</i> , Vol. 29, No. 4, pp. 185-191. https://doi.org/10.18280/rcoma.290401
17	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	10.18280/rcoma.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</i> , Vol. 29, No. 4, pp. 193-199. https://doi.org/10.18280/rcoma.290402
18	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	10.18280/rcoma.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</i> , Vol. 29, No. 4, pp. 201-208. https://doi.org/10.18280/rcoma.290403
19	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	10.18280/rcoma.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</i> , Vol. 29, No. 4, pp. 209-214. https://doi.org/10.18280/rcoma.290404
20	Gager, V., Duigou, A.L., Bournaud, A., Pierre, F., Behloul, K., Baley, C.	Influence of the nonwoven biocomposite's microstructure on its hygro-mechanical behaviour	biocomposites, nonwovens, flax fibres, glass fibres, moisture, swelling, mechanical properties	29, 4, 215-224	10.18280/rcoma.290405	Gager, V., Duigou, A.L., Bournaud, A., Pierre, F., Behloul, K., Baley, C. (2019). Influence of the nonwoven biocomposite's microstructure on its hygro-mechanical behaviour. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 215-224. https://doi.org/10.18280/rcoma.290405
21	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A.	Swelling of plant fibers under hygro/hydrothermal conditions: determination of hygro/hydroexpansion coefficients	natural fibres, swelling, humidity, hygro/hydroexpansion coefficient	29, 4, 225-232	10.18280/rcoma.290406	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A. (2019). Swelling of plant fibers under hygro/hydrothermal conditions: determination of hygro/hydroexpansion coefficients. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 225-232. https://doi.org/10.18280/rcoma.290406
22	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	10.18280/rcoma.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</i> , Vol. 29, No. 4, pp. 233-241. https://doi.org/10.18280/rcoma.290407
23	Péron, M., Céllino, A., Castro, M., Jacquemin, F., Le Duigou, A.	Biocomposites with asymmetric stacking for the study of hygro-mechanical couplings	biocomposites, bilayers, curvature, hygroscopic stresses, swelling, water diffusion	29, 4, 243-252	10.18280/rcoma.290408	Péron, M., Céllino, A., Castro, M., Jacquemin, F., Le Duigou, A. (2019). Biocomposites with asymmetric stacking for the study of hygro-mechanical couplings. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 243-252. https://doi.org/10.18280/rcoma.290408
24	Réquillé, S., Le Duigou, A., Bournaud, A., Baley, C.	Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites	natural fibres, biocomposites, hygro-mechanical properties, relative humidity	29, 4, 253-260	10.18280/rcoma.290409	Réquillé, S., Le Duigou, A., Bournaud, A., Baley, C. (2019). Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 253-260. https://doi.org/10.18280/rcoma.290409

25	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	10.18280/rcoma.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</i> , Vol. 29, No. 4, pp. 261-274. https://doi.org/10.18280/rcoma.290410
26	Ile, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikweze, 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	10.18280/rcoma.290301	Ile, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikweze, 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</i> , Vol. 29, No. 3, pp. 131-137. https://doi.org/10.18280/rcoma.290301
27	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, Ceramic Aerated Concrete (CAC) Blocks	29, 3, 139-143	10.18280/rcoma.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</i> , Vol. 29, No. 3, pp. 139-143. https://doi.org/10.18280/rcoma.290302
28	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	10.18280/rcoma.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</i> , Vol. 29, No. 3, pp. 145-150. https://doi.org/10.18280/rcoma.290303
29	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	10.18280/rcoma.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</i> , Vol. 29, No. 3, pp. 151-157. https://doi.org/10.18280/rcoma.290304
30	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	10.18280/rcoma.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</i> , Vol. 29, No. 3, pp. 159-163. https://doi.org/10.18280/rcoma.290305
31	Wang, X.M., Li, X.D., Qiu, J.P., Li, Y.S., Ikweze, 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	10.18280/rcoma.290306	Wang, X.M., Li, X.D., Qiu, J.P., Li, Y.S., Ikweze, E.U. (2019). Microbial communities on different packing media in biofilter. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 165-169. https://doi.org/10.18280/rcoma.290306
32	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	10.18280/rcoma.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</i> , Vol. 29, No. 3, pp. 171-177. https://doi.org/10.18280/rcoma.290307
33	Talabari, A.A., Alaei, M.H., Shalim, 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	10.18280/rcoma.290308	Talabari, A.A., Alaei, M.H., Shalim, 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</i> , Vol. 29, No. 3, pp. 179-182. https://doi.org/10.18280/rcoma.290308
34	Ahmadi, M.H., Ghazvini, M., Baghban, A., Hadipoor, M., Seifaddini, P., Ramezanzhad, M., Ghaseempour, 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	10.18280/rcoma.290201	Ahmadi, M.H., Ghazvini, M., Baghban, A., Hadipoor, M., Seifaddini, P., Ramezanzhad, M., Ghaseempour, 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</i> , Vol. 29, No. 2, pp. 71-82. https://doi.org/10.18280/rcoma.290201
35	Merabti, S., Grioui, K., Menni, Y., Chamkha, A.J., Lorenzini, G., Sakhr, 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	10.18280/rcoma.290202	Merabti, S., Grioui, K., Menni, Y., Chamkha, A.J., Lorenzini, G., Sakhr, N., Ameer, H. (2019). Study of some parameters influence on a Saharian building balance sheet. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 83-88. https://doi.org/10.18280/rcoma.290202
36	Wang, Y.	Experimental analysis on refractory properties of tall buildings	Concrete, Tall Building, Refractory, Damage Evolution, Damage Mechanics	29, 2, 89-93	10.18280/rcoma.290203	Wang, Y. (2019). Experimental analysis on refractory properties of tall buildings. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 89-93. https://doi.org/10.18280/rcoma.290203
37	Siddigowda, P., Sannapagowda, 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	10.18280/rcoma.290204	Siddigowda, P., Sannapagowda, 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</i> , Vol. 29, No. 2, pp. 95-99. https://doi.org/10.18280/rcoma.290204
38	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	10.18280/rcoma.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</i> , Vol. 29, No. 2, pp. 101-107. https://doi.org/10.18280/rcoma.290205
39	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 (SFHSC), Impact Compression, Strain Rate Effect, Numerical Simulation	29, 2, 109-117	10.18280/rcoma.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</i> , Vol. 29, No. 2, pp. 109-117. https://doi.org/10.18280/rcoma.290206
40	Yemini, 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	10.18280/rcoma.290207	Yemini, 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</i> , Vol. 29, No. 2, pp. 119-123. https://doi.org/10.18280/rcoma.290207
41	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	10.18280/rcoma.290208	Xu, Y.L. (2019). A 1D compression model for loess based on disturbed state concept. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 125-129. https://doi.org/10.18280/rcoma.290208
42	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 poly(vinyl chloride)/palm fibers composites	Poly (vinyl chloride), Palm Fibers, Acetylation, Alkali, Mechanical, Thermal, Water Absorption	29, 1, 1-8	10.18280/rcoma.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 poly(vinyl chloride)/palm fibers composites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 1-8. https://doi.org/10.18280/rcoma.290101
43	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	10.18280/rcoma.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</i> , Vol. 29, No. 1, pp. 9-13. https://doi.org/10.18280/rcoma.290102
44	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	10.18280/rcoma.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</i> , Vol. 29, No. 1, pp. 15-20. https://doi.org/10.18280/rcoma.290103
45	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L.	Preparation and property analysis of phase change concrete PEG/SiO2-CPCM	Polyethylene Glycol (PEG), Silica Sol, Phase Change Concrete, Compressive Strength, Thermal Conductivity	29, 1, 21-26	10.18280/rcoma.290104	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L. (2019). Preparation and property analysis of phase change concrete PEG/SiO2-CPCM. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 21-26. https://doi.org/10.18280/rcoma.290104
46	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	10.18280/rcoma.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</i> , Vol. 29, No. 1, pp. 27-32. https://doi.org/10.18280/rcoma.290105
47	Subramanian, S.M., Karuppaiah, M.	Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB2 addition	Stir Casting, Metal Matrix Composite (MMC), Master Alloy, Cupric Oxide (CuO), Heat Treatment	29, 1, 33-37	10.18280/rcoma.290106	Subramanian, S.M., Karuppaiah, M. (2019). Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB2 Addition. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 33-37. https://doi.org/10.18280/rcoma.290106
48	Wang, J.Q., Lu, L.C.	Microwave absorbing features of Ce2(Cu0.3Fe0.7)17/ferrite coating material	Absorbent, Ferrite, Reflection Loss, Coating Material, Composite	29, 1, 39-44	10.18280/rcoma.290107	Wang, J.Q., Lu, L.C. (2019). Microwave absorbing features of Ce2(Cu0.3Fe0.7)17/ferrite coating material. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 39-44. https://doi.org/10.18280/rcoma.290107

49	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	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</i> , Vol. 29, No.1, pp. 45-52. https://doi.org/10.18280/rcma.290108
50	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	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</i> , Vol. 29, No.1, pp.53-62. https://doi.org/10.18280/rcma.290109
51	Kumar, D., Sokhal, G.S., Sharma, P.	Numerical analysis of the heat and fluids flow performance of carbon nanofibers in flat tube with bend	Radiator, Heat Transfer Coefficient, Pressure Drop, Nusselt Number, Friction Factor	29, 1, 63-69	10.18280/rcma.290110	Kumar, D., Sokhal, G.S., Sharma, P. (2019). Numerical analysis of the heat and fluids flow performance of carbon nanofibers in flat tube with bend. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 63-69. https://doi.org/10.18280/rcma.290110
52	Aniri, R., Boudjadra, B.B., Aniri, 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	10.3166/RCMA.28.455-469	Aniri, R., Boudjadra, B.B., Aniri, A., Haref, D.C. (2018). 3D finite element analysis of stem-cement interface under cavity effect. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 455-469. https://doi.org/10.3166/RCMA.28.455-469
53	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	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</i> , Vol. 28, No. 4, pp. 471-479. https://doi.org/10.3166/RCMA.28.471-479
54	Murugan, S.S., Maheswari, 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	10.3166/RCMA.28.481-494	Murugan, S.S., Maheswari, 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</i> , Vol. 28, No. 4, pp. 481-494. https://doi.org/10.3166/RCMA.28.481-494
55	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	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</i> , Vol. 28, No. 4, pp. 495-507. https://doi.org/10.3166/RCMA.28.495-507
56	Uppalapati, G., Gunji, S., Malkapuram, R.	Development and characterization of chicken feather rachis, sawdust and HDPE hybrid composite material	Composite Material, Chicken Feather, MYK Laticecure-Latapoxy Resin and Hardener, Strength Of Composite Materials.	28, 4, 509-528	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</i> , Vol. 28, No. 4, pp. 509-528. https://doi.org/10.3166/RCMA.28.509-528
57	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	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</i> , Vol. 28, No. 4, pp. 529-538. https://doi.org/10.3166/RCMA.28.529-538
58	Wang, W., Zhang, K.F., Zhou, X.L., Wang, C.L., Hao, 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	10.3166/RCMA.28.539-549	Wang, W., Zhang, K.F., Zhou, X.L., Wang, C.L., Hao, 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</i> , Vol. 28, No. 4, pp. 539-549. https://doi.org/10.3166/RCMA.28.539-549
59	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	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</i> , Vol. 28, No. 3, pp. 305-322. https://doi.org/10.3166/RCMA.28.305-322
60	Gatto, M.F., Pedicini, R., Carbone, A., Sacchà, A., Matera, F., Gatto, I.	Study and development of innovative materials for hydrogen storage activity	Materials, Synthesis, Hydrogen Storage.	28, 3, 323-332	10.3166/RCMA.28.323-332	Gatto, M.F., Pedicini, R., Carbone, A., Sacchà, A., Matera, F., Gatto, I. (2018). Study and development of innovative materials for hydrogen storage activity. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 323-332. https://doi.org/10.3166/RCMA.28.323-332
61	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	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</i> , Vol. 28, No. 3, pp. 333-343. https://doi.org/10.3166/RCMA.28.333-343
62	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	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</i> , Vol. 28, No. 3, pp. 345-355. https://doi.org/10.3166/RCMA.28.345-355
63	Jin, L.L.	Analysis on microscopic damage of porous materials under cyclic loads	Modified Gurson-Tvergaard-Needleman (GTN) Model, Stress Triaxiality, Cell Model, Void Evolution, Cyclic Load, Ratcheting Effect.	28, 3, 357-381	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</i> , Vol. 28, No. 3, pp. 357-381. https://doi.org/10.3166/RCMA.28.357-381
64	Bouremane, H., Gueribiz, D., Benchatti, A.	Mechanical behavior modeling of damaged composite matrix	Composites Mechanical Behavior, Damage, Polymer Matrix.	28, 3, 383-393	10.3166/RCMA.28.383-393	Bouremane, H., Gueribiz, D., Benchatti, A. (2018). Mechanical behavior modeling of damaged composite matrix. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 383-393. https://doi.org/10.3166/RCMA.28.383-393
65	Zheng, L., Xia, Z., Zhang, X.Y.	Comparison between geopolymers 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	10.3166/RCMA.28.395-403	Zheng, L., Xia, Z., Zhang, X.Y. (2018). Comparison between geopolymers reaction and cement hydration in solidification of fly ash generated in municipal solid waste incineration. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 395-403. https://doi.org/10.3166/RCMA.28.395-403
66	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	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</i> , Vol. 28, No. 3, pp. 405-420. https://doi.org/10.3166/RCMA.28.405-420
67	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	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</i> , Vol. 28, No. 3, pp. 421-438. https://doi.org/10.3166/RCMA.28.421-438
68	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	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</i> , Vol. 28, No. 3, pp. 439-448. https://doi.org/10.3166/RCMA.28.439-448
69	Franco, F.D., Burgio, G., Santamaria, M.	Chitosan-Heteropolycarboxylic acid membranes for direct methanol fuel cells	Proton Conductors, Chitosan (CS)-based Membrane, Direct Methanol Fuel Cells.	28, 2, 141-147	10.3166/RCMA.28.141-147	Franco, F.D., Burgio, G., Santamaria, M. (2018). Chitosan-Heteropolycarboxylic acid membranes for direct methanol fuel cells. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 141-147. https://doi.org/10.3166/RCMA.28.141-147
70	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalafallah, 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	10.3166/RCMA.28.149-160	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalafallah, 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</i> , Vol. 28, No. 2, pp. 149-160. https://doi.org/10.3166/RCMA.28.149-160
71	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 Soil Roadbed, Settlement Analysis.	28, 2, 161-172	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</i> , Vol. 28, No. 2, pp. 161-172. https://doi.org/10.3166/RCMA.28.161-172
72	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	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</i> , Vol. 28, No. 2, pp. 173-194. https://doi.org/10.3166/RCMA.28.173-194

73	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	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</i> , Vol. 28, No. 2, pp. 195-210. https://doi.org/10.3166/RCMA.28.173-194
74	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	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</i> , Vol. 28, No. 2, pp. 211-238. https://doi.org/10.3166/RCMA.28.211-238
75	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	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</i> , Vol. 28, No. 2, pp. 239-255. https://doi.org/10.3166/RCMA.28.239-255
76	Elmeriah, A., Nehari, D., Mohamed, A., Remlaoui, A.	Natural convection mechanism evaluation inside a shell and tube thermal energy storage (TES) device inclination	Heat Transfer, Phase Change Material, Thermal Energy Storage, Numerical Investigation.	28, 2, 257-276	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) device inclination. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 257-276. https://doi.org/10.3166/RCMA.28.257-276
77	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	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</i> , Vol. 28, No. 2, pp. 277-288. https://doi.org/10.3166/RCMA.28.277-288
78	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	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</i> , Vol. 28, No. 2, pp. 289-298. https://doi.org/10.3166/RCMA.28.289-298
79	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P.	Modélisation du procédé de thermo-stampage de composites préimprégnés à matrice thermoplastique	Finite element analysis, Forming, Prepreg, Thermomechanical, Thermoplastic, Viscoelasticity	28, 1, 9-33	10.3166/RCMA.28.9-33	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P. (2018). Modélisation du procédé de thermo-stampage de composites préimprégnés à matrice thermoplastique. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 9-33. https://doi.org/10.3166/RCMA.28.9-33
80	Sorba, G., Binetruy, C., Leygue, A., Gadiwada, S., Lebun, 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	10.3166/RCMA.28.35-53	Sorba, G., Binetruy, C., Leygue, A., Gadiwada, S., Lebun, 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</i> , Vol. 28, No. 1, pp. 35-53. https://doi.org/10.3166/RCMA.28.35-53
81	Mulle, M., Wafai, H., Yudhanto, A., Lubineau, G., Yaldiz, R., Schijve, W., Verghese, N.	Suivi de la fabrication de stratifiés verre/polypyrène 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	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 verre/polypyrène par réseaux de Bragg et du comportement thermomécanique induit. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 55-73. https://doi.org/10.3166/RCMA.28.55-73
82	Courtenanche, B., Fouyer, K., Barasinski, A.	Influence des propriétés thermiques des pré-impregnés composites thermoplastiques pour l'enroulement filamentaire laser	Infrared Thermography, Laser Winding, Online Monitoring, Porosity, Tape Placement, Thermal Properties, Thermoplastic Composite, Thickness	28, 1, 69-88	10.3166/RCMA.28.69-88	Courtenanche, B., Fouyer, K., Barasinski, A. (2018). Influence des propriétés thermiques des pré-impregnés composites thermoplastiques pour l'enroulement filamentaire laser. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 69-88. https://doi.org/10.3166/RCMA.28.69-88
83	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G.	Diagramme tti isotherme de la polymérisation anionique du pa6 à partir de l-ε-caprolactame	MaterialsMaterials, science	28, 1, 89-110	10.3166/RCMA.28.89-110	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G. (2018). Diagramme tti isotherme de la polymérisation anionique du pa6 à partir de l-ε-caprolactame. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 89-110. https://doi.org/10.3166/RCMA.28.89-110
84	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	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</i> , Vol. 28, No. 1, pp. 111-134. https://doi.org/10.3166/RCMA.28.111-134
85	Obeid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P.	Hygro-mécanique characterization of glass fiber reinforced polyamide composites behavior [Caractérisation du comportement hygro-mécanique de composites à matrice polyamide renforcée par des fibres de verre]	Coupled Hygro-mechanical Problem, Hygroscopic Expansion, Moisture Diffusion, Multiphysics, Multiscale, Plasticization, Polyamide PA6	27, 3-4, 231-248	10.3166/rcma.2017.00022	Obeid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P. (2017). Hygro-mécanique characterization of glass fiber reinforced polyamide composites behavior. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 231-248. https://doi.org/10.3166/rcma.2017.00022
86	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	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</i> , Vol. 27, No. 3-4, pp. 249-260. https://doi.org/10.3166/rcma.2017.00021
87	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	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</i> , Vol. 27, No. 3-4, pp. 261-274. https://doi.org/10.3166/rcma.2017.00027
88	Tragagoon, A., Patamprohm, 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	10.3166/rcma.2017.00026	Tragagoon, A., Patamprohm, 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</i> , Vol. 27, No. 3-4, pp. 275-300. https://doi.org/10.3166/rcma.2017.00026
89	Chikr, Y.C.	Study of multiple cracks repair by collage of composite patches [Étude de la réparation des fissures multiples par collage de patchs en composite]	Adhesive Stresses, Cracks, Displacements, Finite Elements, Interaction, Stress Intensity Factors (SIFs)	27, 3-4, 301-318	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</i> , Vol. 27, No. 3-4, pp. 301-318. https://doi.org/10.3166/rcma.2017.00025
90	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	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</i> , Vol. 27, No. 3-4, pp. 319-334. https://doi.org/10.3166/rcma.2017.00019
91	Ramdoun, 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	10.3166/rcma.2017.00024	Ramdoun, 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</i> , Vol. 27, No. 3-4, pp. 335-356. https://doi.org/10.3166/rcma.2017.00024
92	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	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</i> , Vol. 27, No. 3-4, pp. 357-380. https://doi.org/10.3166/rcma.2017.00023
93	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	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</i> , Vol. 27, No. 3-4, pp. 381-398. https://doi.org/10.3166/rcma.2017.00020
94	Mangon, C., Samain, X., Rodi, E.G., Renard, E., Dessauv, E., Sansalone, V., Lemaire, T., Langlois, V.	Effect of chemical modification of fibers on the properties of renewable bio-composites	Bio-composites, Bio-sourced Materials, Chemical Modifications, Plant Fibers	27, 1-2, 11-30	10.3166/rcma.2017.00001	Mangon, C., Samain, X., Rodi, E.G., Renard, E., Dessauv, E., Sansalone, V., Lemaire, T., Langlois, V. (2017). Effect of chemical modification of fibers on the properties of renewable bio-composites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 11-30. https://doi.org/10.3166/rcma.2017.00001
95	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	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</i> , Vol. 27, No. 1-2, pp. 31-44. https://doi.org/10.3166/rcma.2017.00002
96	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 xéno greffe de rat]	Abdominal Aorta Aneurysm, Finite Element, Wall Stresses, Xenograft Rat Model	27, 1-2, 45-56	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</i> , Vol. 27, No. 1-2, pp. 45-56. https://doi.org/10.3166/rcma.2017.00003

97	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	10.3166/rma.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</i> , Vol. 27, No. 1-2, pp. 57-72. https://doi.org/10.3166/rma.2017.00004
98	Harboui, R., Znaidi, A., Narsi, 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	10.3166/rma.2017.00005	Harboui, R., Znaidi, A., Narsi, R. (2017). Modeling of titanium alloys by an identification strategy: Biomechanical application. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 73-86. https://doi.org/10.3166/rma.2017.00005
99	Delaleux, F., Guühéneuf, 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	10.3166/rma.2017.00010	Delaleux, F., Guühéneuf, 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</i> , Vol. 27, No. 1-2, pp. 87-96. https://doi.org/10.3166/rma.2017.00010
100	Essid, N., Eddihak, 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	10.3166/rma.2017.00006	Essid, N., Eddihak, 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</i> , Vol. 27, No. 1-2, pp. 97-110. https://doi.org/10.3166/rma.2017.00006
101	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	10.3166/rma.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</i> , Vol. 27, No. 1-2, pp. 111-122. https://doi.org/10.3166/rma.2017.00007
102	Achour, T., El Each 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	10.3166/rma.2017.00008	Achour, T., El Each 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</i> , Vol. 27, No. 1-2, pp. 123-136. https://doi.org/10.3166/rma.2017.00008
103	Achour, W.B., El Each 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	10.3166/rma.2017.00009	Achour, W.B., El Each Khay, S., Neji, J. (2017). Characterization and modeling of the concrete with crushed brick waste. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 137-150. https://doi.org/10.3166/rma.2017.00009
104	Boussetta, I., Each 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	10.3166/rma.2017.00011	Boussetta, I., Each 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</i> , Vol. 27, No. 1-2, pp. 151-164. https://doi.org/10.3166/rma.2017.00011
105	Cherif, R., Eddihak, 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	10.3166/rma.2017.00012	Cherif, R., Eddihak, 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</i> , Vol. 27, No. 1-2, pp. 165-176. https://doi.org/10.3166/rma.2017.00012
106	Each Ben Said, Each 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	10.3166/rma.2017.00013	Each Ben Said, Each Khay, Achour, T., Loulizi, A. (2017). Analyse et modélisation des caractéristiques mécaniques du béton de fraisât. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 177-190. https://doi.org/10.3166/rma.2017.00013
107	Siala, A., Each 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	10.3166/rma.2017.00014	Siala, A., Each 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</i> , Vol. 27, No. 1-2, pp. 191-208. https://doi.org/10.3166/rma.2017.00014
108	Makni, A., Haouam, A., Favregeon, 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	10.3166/rma.2017.00015	Makni, A., Haouam, A., Favregeon, 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</i> , Vol. 27, No. 1-2, pp. 209-226. https://doi.org/10.3166/rma.2017.00015