

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Touzani, S., Alhendal, Y.	Forced Convection over an Inclined Heated Plate with Varying Aspect Ratios: 3D Numerical and Experimental Investigations	forced convection, inclined plate, angle of inclination, aspect ratio, CFD, correlation	42, 4, 1111-1119	https://doi.org/10.18280/ijht.420401	Touzani, S., Alhendal, Y. (2024). Forced convection over an inclined heated plate with varying aspect ratios: 3D numerical and experimental investigations. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1111-1119. https://doi.org/10.18280/ijht.420401
2	Alibrahim, M.M., Zeadeh, S.A., AL-Qudah, A.H., Alzoubi, B.T.	Thermal Comfort Enhancement for Office Blocks Considering Employees' Satisfaction Without Increasing Energy Consumption	thermal comfort, office block, employees' satisfaction, corrective actions, energy consumption	42, 4, 1120-1128	https://doi.org/10.18280/ijht.420402	Alibrahim, M.M., Zeadeh, S.A., AL-Qudah, A.H., Alzoubi, B.T. (2024). Thermal comfort enhancement for office blocks considering employees' satisfaction without increasing energy consumption. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1120-1128. https://doi.org/10.18280/ijht.420402
3	Zhang, L., Huang, X., Zhong, J., Zhong, H.	Quantitative Analysis of Height-Difference Ventilation in Residential Buildings: Application in Higher Education and Architectural Design in Shanghai	height-difference ventilation, wind performance-oriented design (WPOD), quantitative analysis, sustainable architecture, architectural education	42, 4, 1129-1138	https://doi.org/10.18280/ijht.420403	Zhang, L., Huang, X., Zhong, J., Zhong, H. (2024). Quantitative analysis of height-difference ventilation in residential buildings: Application in higher education and architectural design in Shanghai. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1129-1138. https://doi.org/10.18280/ijht.420403
4	Belhouane, F.I., Bennoud, S., Halfaya, F.Z.	Numerical Investigation of Confined Flow Which Occurs Within a Conduit with Isothermal Walls and Complex Cross Section	Internal flow, entropy number, thermal system, FEM analysis, non-circular cross-section	42, 4, 1139-1148	https://doi.org/10.18280/ijht.420404	Belhouane, F.I., Bennoud, S., Halfaya, F.Z. (2024). Numerical investigation of confined flow which occurs within a conduit with isothermal walls and complex cross section. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1139-1148. https://doi.org/10.18280/ijht.420404
5	Abdulsahib, A.D., Alkhafaji, D., Albayati, I.M.	Thermal Design and Heat Transfer Analysis of Heat Sinks and Enclosures: A Review	cavity, fins, nanofluid, porous media, convection, heat dissipation	42, 4, 1149-1163	https://doi.org/10.18280/ijht.420405	Abdulsahib, A.D., Alkhafaji, D., Albayati, I.M. (2024). Thermal design and heat transfer analysis of heat sinks and enclosures: A review. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1149-1163. https://doi.org/10.18280/ijht.420405
6	Valencia, A., Lepin, N.	Effect of Spoilers and Diffusers on the Aerodynamics of a Sedan Automobile	CFD, aerodynamics, diffusers, spoilers, external modifications	42, 4, 1164-1172	https://doi.org/10.18280/ijht.420406	Valencia, A., Lepin, N. (2024). Effect of spoilers and diffusers on the aerodynamics of a sedan automobile. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1164-1172. https://doi.org/10.18280/ijht.420406
7	Gao, W., Zuo, X.H., Liu, X.L., Yan, L., Pang, J.J., Qiao, W., Xu, X.J., Liang, Y.X., Bu, Y.G.	Energy Efficiency Analysis and Energy-Saving Measures for the Steam System in a Cigarette Factory in Zhangjiakou	steam system, energy efficiency assessment, thermal efficiency, exergy efficiency	42, 4, 1173-1184	https://doi.org/10.18280/ijht.420407	Gao, W., Zuo, X.H., Liu, X.L., Yan, L., Pang, J.J., Qiao, W., Xu, X.J., Liang, Y.X., Bu, Y.G. (2024). Energy efficiency analysis and energy-saving measures for the steam system in a cigarette factory in Zhangjiakou. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1173-1184. https://doi.org/10.18280/ijht.420407
8	Ahmed, G.M., Faraj, J.J., Hussien, F.M.	A Greenhouse Solar Dryer for Tomato Paste Production in Iraqi Rural Region	solar, drying, tomato, greenhouse, economics, paste, PV, rural	42, 4, 1185-1192	https://doi.org/10.18280/ijht.420408	Ahmed, G.M., Faraj, J.J., Hussien, F.M. (2024). A greenhouse solar dryer for tomato paste production in Iraqi rural region. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1185-1192. https://doi.org/10.18280/ijht.420408
9	Saptoadi, H., Susastriawan, A.A.P., Subbarao, P.M.V.	Performance of Spray Scrubber for Tar Removal and Energy Density of CPG from Rice Husk Gasification	gasifier, producer gas, rice husk, spray scrubber, tar removal	42, 4, 1193-1199	https://doi.org/10.18280/ijht.420409	Saptoadi, H., Susastriawan, A.A.P., Subbarao, P.M.V. (2024). Performance of spray scrubber for tar removal and energy density of CPG from rice husk gasification. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1193-1199. https://doi.org/10.18280/ijht.420409
10	Hussein, H.A., Sehen, M.S., Mezher, M.K., Alderoubi, N., Majdi, H.S.	Pinch Analysis of Multi Stage of Micro Heat Exchanger	pinch analysis, micro heat exchanger, multi stage, HYSYS, fluent	42, 4, 1200-1208	https://doi.org/10.18280/ijht.420410	Hussein, H.A., Sehen, M.S., Mezher, M.K., Alderoubi, N., Majdi, H.S. (2024). Pinch analysis of multi stage of micro heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1200-1208. https://doi.org/10.18280/ijht.420410
11	Hu, J., Ji, J.K., Liu, Y.X., Cui, H., You, P.B.	Thermal Expansion Characteristics and Their Impact on Reinforced Concrete Bridges Under Varying Temperature Conditions	reinforced concrete bridges, thermal expansion, temperature field analysis, structural stability, engineering design	42, 4, 1209-1218	https://doi.org/10.18280/ijht.420411	Hu, J., Ji, J.K., Liu, Y.X., Cui, H., You, P.B. (2024). Thermal expansion characteristics and their impact on reinforced concrete bridges under varying temperature conditions. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1209-1218. https://doi.org/10.18280/ijht.420411
12	Saleem, J., Chahrour, K.M.N., Habeeb, L.J.	Exploring the Impacts of System Geometry on Heat Transfer Efficiency in Coil-and-Tube Heat Exchangers	coil-and-tube heat exchanger, ANSYS simulation, coefficient of performance, temperature and velocity contour	42, 4, 1219-1230	https://doi.org/10.18280/ijht.420412	Saleem, J., Chahrour, K.M.N., Habeeb, L.J. (2024). Exploring the impacts of system geometry on heat transfer efficiency in coil-and-tube heat exchangers. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1219-1230. https://doi.org/10.18280/ijht.420412
13	Alshwairekh, A.M.	Thermal-Hydraulic Performance of Additively Manufactured Plate Heat Exchangers with Single and Double Sine Wave Corrugations: A CFD Study	CFD, heat exchangers, low-temperature heat exchangers, 3D printing, Nusselt number, friction factor	42, 4, 1231-1239	https://doi.org/10.18280/ijht.420413	Alshwairekh, A.M. (2024). Thermal-hydraulic performance of additively manufactured plate heat exchangers with single and double sine wave corrugations: A CFD study. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1231-1239. https://doi.org/10.18280/ijht.420413
14	Miao, J.F.	Thermodynamic Analysis of the Relationship Between Energy Conversion Efficiency in Industrial Enterprises and Economic Growth	thermodynamic analysis, energy conversion efficiency, economic growth, industrial enterprises, energy economics	42, 4, 1240-1250	https://doi.org/10.18280/ijht.420414	Miao, J.F. (2024). Thermodynamic analysis of the relationship between energy conversion efficiency in industrial enterprises and economic growth. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1240-1250. https://doi.org/10.18280/ijht.420414
15	Yousif, S.S., Al-Obaidi, M.A., Al-Muhsen, N.F.O.	Towards More Efficient Refrigeration: A Study on the Use of TiO2 and Al2O3 Nanoparticles	vapour compression system, nanoparticles, refrigeration system, coefficient of performance, cooling capacity	42, 4, 1251-1256	https://doi.org/10.18280/ijht.420415	Yousif, S.S., Al-Obaidi, M.A., Al-Muhsen, N.F.O. (2024). Towards more efficient refrigeration: A study on the use of TiO2 and Al2O3 nanoparticles. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1251-1256. https://doi.org/10.18280/ijht.420415
16	Majka, T.M.	Effect of LbL Deposited Chitosan-Nanosilica Bilayers on Flammability and Thermal Properties of Polylactide Materials	biocomposites, flame retardants, flammability, Layer by Layer technique, nanosilica, polylactide	42, 4, 1257-1269	https://doi.org/10.18280/ijht.420416	Majka, T.M. (2024). Effect of LbL deposited chitosan-nanosilica bilayers on flammability and thermal properties of polylactide materials. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1257-1269. https://doi.org/10.18280/ijht.420416
17	Al-Rikaby, R.A., Hasan, M.I.	Numerical Study of the Potential of Operation the Direct Driven Solar Air Conditioner with PV Cells in Iraq's Weather	performance, solar energy, coefficient of performance (COP), remote areas, climatic conditions, solar AC	42, 4, 1270-1278	https://doi.org/10.18280/ijht.420417	Al-Rikaby, R.A., Hasan, M.I. (2024). Numerical study of the potential of operation the direct driven solar air conditioner with PV cells in Iraq's weather. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1270-1278. https://doi.org/10.18280/ijht.420417

18	Al Khuzai, M.Q., Oshchepkov, P.P.	Evaluating the Performance and Emission Characteristics of Diesel Engines Using Biodiesel Blends with Hydrocarbon Additives	biodiesel, diesel engine, emissions, environmental impact, engine performance, antioxidant, alternative fuels, hydrocarbons blend	42, 4, 1279-1285	https://doi.org/10.18280/ijht.420418	Al Khuzai, M.Q., Oshchepkov, P.P. (2024). Evaluating the performance and emission characteristics of diesel engines using biodiesel blends with hydrocarbon additives. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1279-1285. https://doi.org/10.18280/ijht.420418
19	Qin, F.Y., Yang, F.L., Ge, Q.Y., Zheng, J.	Dynamic Response of Geomaterials Considering Thermal Stress and Its Application in Seismic Engineering	geomaterials, thermal stress, dynamic response, seismic engineering, compound stress conditions, heat transfer model	42, 4, 1286-1296	https://doi.org/10.18280/ijht.420419	Qin, F.Y., Yang, F.L., Ge, Q.Y., Zheng, J. (2024). Dynamic response of geomaterials considering thermal stress and its application in seismic engineering. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1286-1296. https://doi.org/10.18280/ijht.420419
20	Ali, D.F., Ghashim, S.L.	Flow and Heat Transfer Characteristics of Single Slot Jet Impingement on a Metal Foam Flat Plate	copper foam, copper foam thickness, jet impingement, local Nusselt number, numerical study, unconfined slot jet	42, 4, 1297-1308	https://doi.org/10.18280/ijht.420420	Ali, D.F., Ghashim, S.L. (2024). Flow and heat transfer characteristics of single slot jet impingement on a metal foam flat plate. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1297-1308. https://doi.org/10.18280/ijht.420420
21	Belmiloud, M.A., Guemmour, M.B., Nord-eddine, S.C.	The Effect of Changing the Coil Wave Amplitude on Improving Heat Transfer for a Natural Gas Heater	natural gas, heater, coils, amplitude of wave, corrugated, heat exchange	42, 4, 1309-1316	https://doi.org/10.18280/ijht.420421	Belmiloud, M.A., Guemmour, M.B., Nord-eddine, S.C. (2024). The effect of changing the coil wave amplitude on improving heat transfer for a natural gas heater. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1309-1316. https://doi.org/10.18280/ijht.420421
22	Bian, J.P., Wang, Y.L., Li, Y.Y.	Application of Thermodynamic Models in Bridge Temperature Field Simulation and Thermal Stress Analysis	bridge temperature field, thermal stress, thermodynamic model, numerical simulation, structural safety	42, 4, 1317-1326	https://doi.org/10.18280/ijht.420422	Bian, J.P., Wang, Y.L., Li, Y.Y. (2024). Application of thermodynamic models in bridge temperature field simulation and thermal stress analysis. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1317-1326. https://doi.org/10.18280/ijht.420422
23	Najm, A.Q., Dakhil, S.F., Mohammed, A.Q.	Numerical Analysis of Shell and Tube Heat Exchanger with Different Baffle Configurations Performance	baffles, wavy cross section, segmental, CFD, heat exchanger, fluent	42, 4, 1327-1336	https://doi.org/10.18280/ijht.420423	Najm, A.Q., Dakhil, S.F., Mohammed, A.Q. (2024). Numerical analysis of shell and tube heat exchanger with different baffle configurations performance. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1327-1336. https://doi.org/10.18280/ijht.420423
24	Minh, C.N., Van, Q.D., Dinh, T.N., Van, Q.L.	Numerical Investigation of Material and Structural Influence on Transient Temperature Behavior in Disc Brakes During Single-Stop Braking	disc brake, solid disc brake, ventilated disc brake, transient temperature field, finite element method (FEM)	42, 4, 1337-1348	https://doi.org/10.18280/ijht.420424	Minh, C.N., Van, Q.D., Dinh, T.N., Van, Q.L. (2024). Numerical investigation of material and structural influence on transient temperature behavior in disc brakes during single-stop braking. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1337-1348. https://doi.org/10.18280/ijht.420424
25	Kedar, S., Bewoor, A., Murali, G., More, G.V., Roy, A.	Thermal Analysis of Sea Water Hybrid Solar Desalination System - An Experimental Approach	freshwater, hybrid desalination system, seawater, sustainability, evacuated tube collector, compound parabolic concentrator	42, 4, 1349-1358	https://doi.org/10.18280/ijht.420425	Kedar, S., Bewoor, A., Murali, G., More, G.V., Roy, A. (2024). Thermal analysis of sea water hybrid solar desalination system - an experimental approach. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1349-1358. https://doi.org/10.18280/ijht.420425
26	Hyal, L.S., Jalil, J.M., Hanfesh, A.O.	Numerical and Experimental Study of a Single-Slope Solar Still Integrated with Wick Material and External Condenser	external condenser, still efficiency, Computational Fluid Dynamics (CFD), jute wick, productivity	42, 4, 1359-1374	https://doi.org/10.18280/ijht.420426	Hyal, L.S., Jalil, J.M., Hanfesh, A.O. (2024). Numerical and experimental study of a single-slope solar still integrated with wick material and external condenser. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1359-1374. https://doi.org/10.18280/ijht.420426
27	Yang, J.	Investigation into the Self-Regulating Temperature Mechanism and Energy-Saving Performance of Phase Change Energy Storage Materials in Building Walls	phase change energy storage materials (PCMs), building energy conservation, self-regulating temperature mechanism, mathematical model, thermal performance analysis	42, 4, 1375-1384	https://doi.org/10.18280/ijht.420427	Yang, J. (2024). Investigation into the self-regulating temperature mechanism and energy-saving performance of phase change energy storage materials in building walls. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1375-1384. https://doi.org/10.18280/ijht.420427
28	Al-Tameri, O.H.A., Alderoubi, N., Majdi, H.S., Al-Zuhairi, H.M.I., Hashim, A.M., Habeeb, L.J.	Thermal and Mechanical Analysis of Single U Welding Joint and Unsymmetrical Double U Welding Joint of Thick Steel Alloy Plates	unsymmetrical double U joints, fusion zone, normal stress, ANSYS simulation, deformation	42, 4, 1385-1396	https://doi.org/10.18280/ijht.420428	Al-Tameri, O.H.A., Alderoubi, N., Majdi, H.S., Al-Zuhairi, H.M.I., Hashim, A.M., Habeeb, L.J. (2024). Thermal and mechanical analysis of single U welding joint and unsymmetrical double U welding joint of thick steel alloy plates. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1385-1396. https://doi.org/10.18280/ijht.420428
29	Kumar, B., Kumar, B.	Analysis of Corrugation Pitch Influence on Pressure Distribution and Flow Maldistribution in Chevron-Type Plate Heat Exchangers	plate heat exchanger, corrugation pitch, flow maldistribution, channel pressure drop, total non-dimensional pressure drop	42, 4, 1397-1405	https://doi.org/10.18280/ijht.420429	Kumar, B., Kumar, B. (2024). Analysis of corrugation pitch influence on pressure distribution and flow maldistribution in chevron-type plate heat exchangers. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1397-1405. https://doi.org/10.18280/ijht.420429
30	Idan, H.A., Kadhom, H.K., Faraj, S.R.	Experimental and Numerical Investigation of PV Panel Cooling Using Ribbed Fin Heat Exchanger and Hybrid Generation	CFD, heat transfer, heat exchanger, PVT system, solar energy, thermoelectric generator units (TEGs)	42, 4, 1406-1416	https://doi.org/10.18280/ijht.420430	Idan, H.A., Kadhom, H.K., Faraj, S.R. (2024). Experimental and numerical investigation of PV panel cooling using ribbed fin heat exchanger and hybrid generation. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1406-1416. https://doi.org/10.18280/ijht.420430
31	Qiao, J.F., Niu, Y.J.	Thermodynamic Multi-Objective Optimization: A Deep Learning and Evolutionary Algorithm Approach	thermodynamics, multi-objective optimization, deep learning, evolutionary algorithms, industrial boilers, combustion prediction	42, 4, 1417-1426	https://doi.org/10.18280/ijht.420431	Qiao, J.F., Niu, Y.J. (2024). Thermodynamic multi-objective optimization: A deep learning and evolutionary algorithm approach. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1417-1426. https://doi.org/10.18280/ijht.420431
32	Aldabbas, M.A.	Numerical Simulation and Experimental Analysis of the Behavior of Portland Cement Cooling Towers	cooling tower, dry air, cold air, efficiency, energy balance	42, 4, 1427-1433	https://doi.org/10.18280/ijht.420432	Aldabbas, M.A. (2024). Numerical simulation and experimental analysis of the behavior of portland cement cooling towers. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1427-1433. https://doi.org/10.18280/ijht.420432
33	Mohammed, M.S., Hamdey, M.D., Kareem, A.H., Majdi, H.S.	Investigation of Copper Backing Plate Effects in Stainless Steel Welding Distortion, Heat Distribution, and Residual Stress	ANSYS simulation, deformation, thermal, mechanical analysis, SOLIDWORKS, copper backing plate	42, 4, 1434-1446	https://doi.org/10.18280/ijht.420433	Mohammed, M.S., Hamdey, M.D., Kareem, A.H., Majdi, H.S. (2024). Investigation of copper backing plate effects in stainless steel welding distortion, heat distribution, and residual stress. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1434-1446. https://doi.org/10.18280/ijht.420433
34	Yu, P.F., Wen, X.T., Li, J.J.	Performance of R32/R600 in Double Evaporator Water Chiller Units	R32/R600, mixed refrigerant, double evaporator water chiller units, performance research, dual carbon strategy	42, 4, 1447-1454	https://doi.org/10.18280/ijht.420434	Yu, P.F., Wen, X.T., Li, J.J. (2024). Performance of R32/R600 in double evaporator water chiller units. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1447-1454. https://doi.org/10.18280/ijht.420434

35	Ahmed, A.H., Zaidan, M.H., Al-Jethelah, M.S.M.	Effect of Upstream Fin Length on Longitudinally Finned Flat Tubes Bank Performance Based on Constructal Design and Fuzzy Logic Control	constructal design, laminar forced convection, longitudinally finned flat tubes bank heat exchanger, upstream fin length	42, 4, 1455-1464	https://doi.org/10.18280/ijht.420435	Ahmed, A.H., Zaidan, M.H., Al-Jethelah, M.S.M. (2024). Effect of upstream fin length on longitudinally finned flat tubes bank performance based on constructal design and fuzzy logic control. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1455-1464. https://doi.org/10.18280/ijht.420435
36	Cao, J.S.	Experimental Study on the Distribution Patterns of Moisture and Temperature Fields in Highway Embankments in Cold Regions	cold regions, embankment, temperature field, moisture field, monitoring	42, 4, 1465-1472	https://doi.org/10.18280/ijht.420436	Cao, J.S. (2024). Experimental study on the distribution patterns of moisture and temperature fields in highway embankments in cold regions. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1465-1472. https://doi.org/10.18280/ijht.420436
37	Basher, H.O.	Enhancement of Heat Transfer and Fluid Flow Characteristics in an Elliptical Tube with a Twisted Tube Section and Twisted Tape Inserts: A Numerical Investigation	heat transfer, elliptical tube, twisted tube, twisted tape inserts, Nusselt number, performance evaluation criterion (PEC)	42, 4, 1473-1483	https://doi.org/10.18280/ijht.420437	Basher, H.O. (2024). Enhancement of heat transfer and fluid flow characteristics in an elliptical tube with a twisted tube section and twisted tape inserts: A numerical investigation. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1473-1483. https://doi.org/10.18280/ijht.420437
38	Duy, P.V., Hung, T.T., Anh, L.D., Long, T.X., Siddiqui, N.A.	Drag Behavior of 25° Ahmed Body Effect by Deflector Length and Angles	Ahmed body, deflector length, skin friction, separation bubble, longitudinal vortex	42, 4, 1484-1494	https://doi.org/10.18280/ijht.420438	Duy, P.V., Hung, T.T., Anh, L.D., Long, T.X., Siddiqui, N.A. (2024). Drag behavior of 25° ahmed body effect by deflector length and angles. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 4, pp. 1484-1494. https://doi.org/10.18280/ijht.420438
39	Manna, R., Al-Aboushi, A., Shaban, N.A., Nasser, I.	Numerical Analysis of Heat Transfer Deterioration of Hydrogen Flowing in a Circular Pipe under Transcritical Boundary Conditions	hydrogen, cooling channel, rocket engine, heat transfer deterioration, supercritical, gerg-2008 equation of state	42, 3, 721-730	https://doi.org/10.18280/ijht.420301	Manna, R., Al-Aboushi, A., Shaban, N.A., Nasser, I. (2024). Numerical analysis of heat transfer deterioration of hydrogen flowing in a circular pipe under transcritical boundary conditions. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 721-730. https://doi.org/10.18280/ijht.420301
40	Alkalthom, S.J., Bouaziz, S., Saleh, A.M., Haddar, M.	Practical Experience in Blending Al ₂ O ₃ and Fe ₂ O ₃ with Biodiesel, Long-Chain Alcohol and Fossil Diesel	diesel engine, biodiesel, pentanol, nano-Al ₂ O ₃ , nano-Fe ₂ O ₃ , smoke opacity	42, 3, 731-738	https://doi.org/10.18280/ijht.420302	Alkalthom, S.J., Bouaziz, S., Saleh, A.M., Haddar, M. (2024). Practical experience in blending Al ₂ O ₃ and Fe ₂ O ₃ with biodiesel, long-chain alcohol and fossil diesel. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 731-738. https://doi.org/10.18280/ijht.420302
41	Liang, S.L.	Optimization of Thermal Performance in Green Building Materials Based on Thermodynamic Principles	green building materials, thermodynamic principles, thermal performance optimization, phase change thermal storage, heat transfer analysis	42, 3, 739-748	https://doi.org/10.18280/ijht.420303	Liang, S.L. (2024). Optimization of thermal performance in green building materials based on thermodynamic principles. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 739-748. https://doi.org/10.18280/ijht.420303
42	Bala-Litwiniak, A., Musiał, D.	Economic and Ecological Aspects of Combustion of Selected Types of Biomass in Low-Power Heating Boilers	biomass, pellets, combustion, domestic boiler	42, 3, 749-754	https://doi.org/10.18280/ijht.420304	Bala-Litwiniak, A., Musiał, D. (2024). Economic and ecological aspects of combustion of selected types of biomass in low-power heating boilers. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 749-754. https://doi.org/10.18280/ijht.420304
43	Akroot, A., Hasan, H.A., Bdaiwi, M.	Impact of Eucalyptus Biodiesel and Nanoparticle Additives on Diesel Engine Performance	nanoparticles, eucalyptus, biodiesel, oxide particles, nano aluminum, and diesel engine performance	42, 3, 755-764	https://doi.org/10.18280/ijht.420305	Akroot, A., Hasan, H.A., Bdaiwi, M. (2024). Impact of eucalyptus biodiesel and nanoparticle additives on diesel engine performance. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 755-764. https://doi.org/10.18280/ijht.420305
44	Cheng, T.T.	Thermodynamics-Based Energy Management Strategy for Electric Vehicle Braking	electric vehicles (EVs), second law of thermodynamics, regenerative braking, thermal management system, energy efficiency optimization	42, 3, 765-776	https://doi.org/10.18280/ijht.420306	Cheng, T.T. (2024). Thermodynamics-based energy management strategy for electric vehicle braking. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 765-776. https://doi.org/10.18280/ijht.420306
45	Barrak, E.S., Hussain, H.M., Habeeb, L.J.	Experimental Study for Controlling Airborne Contaminant Exposure in Iraqi Negative Pressure Isolation Rooms	indoor, isolation, healthcare, patient, COVID-19	42, 3, 777-785	https://doi.org/10.18280/ijht.420307	Barrak, E.S., Hussain, H.M., Habeeb, L.J. (2024). Experimental study for controlling airborne contaminant exposure in Iraqi negative pressure isolation rooms. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 777-785. https://doi.org/10.18280/ijht.420307
46	Basha, M.S., Sundar, L.S.	Experimental and ANN-Levenberg-Marquardt Predictions of the Thermophysical Properties of CoFe ₂ O ₄ /Water Nanofluids	particle size, neural networks, nanoparticles, nanofluids	42, 3, 786-794	https://doi.org/10.18280/ijht.420308	Basha, M.S., Sundar, L.S. (2024). Experimental and ANN-Levenberg-Marquardt predictions of the thermophysical properties of CoFe ₂ O ₄ /water nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 786-794. https://doi.org/10.18280/ijht.420308
47	Zhou, B., He, W., Liu, Y.L.	Thermal Conductivity Study of Plasma-Sprayed Iron-Based Coatings	plasma spraying, iron-based coating, thermal conductivity, coupled heat transfer model, conduction boundary conditions, heat transfer coefficient, numerical simulation	42, 3, 795-804	https://doi.org/10.18280/ijht.420309	Zhou, B., He, W., Liu, Y.L. (2024). Thermal conductivity study of plasma-sprayed iron-based coatings. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 795-804. https://doi.org/10.18280/ijht.420309
48	Józefiak, M., Ludwig, W.	Evaluating Jet Pump Turbulizers in Double Tube Heat Exchangers: A Preliminary CFD Study	CFD, heat exchanger, heat transfer intensification, jet pump, turbulizer	42, 3, 805-811	https://doi.org/10.18280/ijht.420310	Józefiak, M., Ludwig, W. (2024). Evaluating jet pump turbulizers in double tube heat exchangers: A preliminary CFD study. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 805-811. https://doi.org/10.18280/ijht.420310
49	Al-Obaidi, W., Al-Dawody, M.F., Al-Farhany, K.	Effect of Hybrid Fuels of Aqueous Ammonia, Dimethyl Ether, Biodiesel and Diesel Fuel on Thermal Performance of Diesel Engine	DME, green biodiesel, hybrid blends, NH ₄ OH, NO _x -PM relation, thermal characteristics	42, 3, 812-822	https://doi.org/10.18280/ijht.420311	Al-Obaidi, W., Al-Dawody, M.F., Al-Farhany, K. (2024). Effect of hybrid fuels of aqueous ammonia, dimethyl ether, biodiesel and diesel fuel on thermal performance of diesel engine. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 812-822. https://doi.org/10.18280/ijht.420311
50	Zhang, G.Q., Li, X.W., Song, A., Zhao, L.P.	Performance Evaluation of Heat Pump Systems Utilizing Construction Waste as a Low-Temperature Heat Source	construction waste, low-temperature heat source, heat pump systems, performance evaluation, exergy analysis	42, 3, 823-831	https://doi.org/10.18280/ijht.420312	Zhang, G.Q., Li, X.W., Song, A., Zhao, L.P. (2024). Performance evaluation of heat pump systems utilizing construction waste as a low-temperature heat source. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 823-831. https://doi.org/10.18280/ijht.420312
51	Alhaily, N.F.	Dimensioning of a Solar Adsorption-Powered Cooling Bed for Generating Relief Cooling	solar refrigerator, the thickness of the solar adsorptive bed, equilibrium uptake, cooling time, specific cooling power, performance	42, 3, 832-850	https://doi.org/10.18280/ijht.420313	Alhaily, N.F. (2024). Dimensioning of a solar adsorption-powered cooling bed for generating relief cooling. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 832-850. https://doi.org/10.18280/ijht.420313

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53	Xia, Z.J., Huang, M.J.	Optimizing the Aerodynamic Efficiency of Electric Vehicles via Streamlined Design: A Computational Fluid Dynamics Approach	electric vehicles (EVs), aerodynamic performance, streamlined design, battery technology, computational fluid dynamics (CFD)	42, 3, 865-876	https://doi.org/10.18280/ijht.420315	Xia, Z.J., Huang, M.J. (2024). Optimizing the aerodynamic efficiency of electric vehicles via streamlined design: A computational fluid dynamics approach. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 865-876. https://doi.org/10.18280/ijht.420315
54	Abdullah, A.M., Ali, H.H., Al-Qassar, A.A.	Experimental and Theoretical Study of a Novel Hydraulic Fluid Flow Control Method	hydrostatic transmission, inlet throttled pump, volumetric efficiency, mechanical efficiency, simulation, flow control	42, 3, 877-885	https://doi.org/10.18280/ijht.420316	Abdullah, A.M., Ali, H.H., Al-Qassar, A.A. (2024). Experimental and theoretical study of a novel hydraulic fluid flow control method. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 877-885. https://doi.org/10.18280/ijht.420316
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56	Mainil, R.I., Afif, F., Arief, D.S., Mainil, A.K., Aziz, A.	Performance Comparison of Photovoltaic (PV), Heat Pipe Photovoltaic/Thermal (HP-PV/T), and Heat Pipe Solar Thermal Collectors (HP-STC): Energy Analysis	photovoltaic, PV/T, heat pipe, solar thermal collector	42, 3, 897-904	https://doi.org/10.18280/ijht.420318	Mainil, R.I., Afif, F., Arief, D.S., Mainil, A.K., Aziz, A. (2024). Performance comparison of photovoltaic (PV), heat pipe photovoltaic/thermal (HP-PV/T), and heat pipe solar thermal collectors (HP-STC): Energy analysis. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 897-904. https://doi.org/10.18280/ijht.420318
57	Yao, B.Y., Li, Q., Huang, C.S.	Pyrolysis Characteristics of Construction Waste and Its Application in Low-Temperature Thermal Cycle Systems	construction waste, pyrolysis reaction, low-temperature thermal cycle system, thermodynamic performance, resource utilization	42, 3, 905-916	https://doi.org/10.18280/ijht.420319	Yao, B.Y., Li, Q., Huang, C.S. (2024). Pyrolysis characteristics of construction waste and its application in low-temperature thermal cycle systems. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 905-916. https://doi.org/10.18280/ijht.420319
58	Najaf, F., Aslan, S.R., Mohammed, Z.A.	Experimental Investigation of the Effect of Evacuated Tubes and Glass Cover Cooling on the Performance of the Solar Still	solar still, evacuated tube collector, glass cover cooling, productivity	42, 3, 917-923	https://doi.org/10.18280/ijht.420320	Najaf, F., Aslan, S.R., Mohammed, Z.A. (2024). Experimental investigation of the effect of evacuated tubes and glass cover cooling on the performance of the solar still. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 917-923. https://doi.org/10.18280/ijht.420320
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60	Haj Khalil, R.A.E.H.	Comparative Analysis and Assessment of Economic Profitability of a Hybrid Renewable Energy Framework via HOMER Optimization in Jordan	renewable energy, optimization, hybrid system, LCOE, cost-effectiveness, GHG emissions	42, 3, 933-948	https://doi.org/10.18280/ijht.420322	Haj Khalil, R.A.E.H. (2024). Comparative analysis and assessment of economic profitability of a hybrid renewable energy framework via HOMER optimization in Jordan. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 933-948. https://doi.org/10.18280/ijht.420322
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63	Muhammed, R.B., Wais, M.M., Abbas, E.F.	Thermal and Hydraulic Evaluation of a Parabolic Trough Collector Using Different Types of Porous Filling in an Absorber Receiver: A Review	parabolic trough collector (PTC), porous insert, copper metal foam, the tracking system, nano fluid, evacuated tube	42, 3, 981-990	https://doi.org/10.18280/ijht.420325	Muhammed, R.B., Wais, M.M., Abbas, E.F. (2024). Thermal and hydraulic evaluation of a parabolic trough collector using different types of porous filling in an absorber receiver: A review. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 981-990. https://doi.org/10.18280/ijht.420325
64	Li, P., Hua, S.H., Yu, Y., Tong, X.R., Xu, Y., Zhao, M.Y., Xu, P.W.	Impact of Dual Fire Sources on Temperature Distribution and Smoke Ventilation in Road Tunnels with Shafts	dual fire sources, fire source spacing, longitudinal wind speed, shaft ventilation, tunnel fire simulation	42, 3, 991-1002	https://doi.org/10.18280/ijht.420326	Li, P., Hua, S.H., Yu, Y., Tong, X.R., Xu, Y., Zhao, M.Y., Xu, P.W. (2024). Impact of dual fire sources on temperature distribution and smoke ventilation in road tunnels with shafts. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 991-1002. https://doi.org/10.18280/ijht.420326
65	Nashee, S.R.	Numerical Simulation of Heat Transfer Enhancement of a Heat Exchanger Tube Fitted with Single and Double-Cut Twisted Tapes	double-cut twisted tape, single-cut twisted tape, twisted tape, cut ratio, turbulent flow	42, 3, 1003-1010	https://doi.org/10.18280/ijht.420327	Nashee, S.R. (2024). Numerical simulation of heat transfer enhancement of a heat exchanger tube fitted with single and double-cut twisted tapes. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 1003-1010. https://doi.org/10.18280/ijht.420327
66	Al-do' amy, N., Radhi, R.M., Noori, H.	Exergy Performance Enhancement of a Gas Turbine Power Plant Using Upstream Cooling Techniques	gas turbine, energy & exergy, up-stream cooling, fuel consumption, efficiency	42, 3, 1011-1020	https://doi.org/10.18280/ijht.420328	Al-do' amy, N., Radhi, R.M., Noori, H. (2024). Exergy performance enhancement of a gas turbine power plant using upstream cooling techniques. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 1011-1020. https://doi.org/10.18280/ijht.420328
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68	Zaidan, A.A., Salman, A.H., Alaiwi, Y., Jasim, J.A.	Numerical Analysis for a Computer Immersion-Cooling System	COMSOL, immersion-cooling system, computer, heat sink, heat transfer	42, 3, 1029-1036	https://doi.org/10.18280/ijht.420330	Zaidan, A.A., Salman, A.H., Alaiwi, Y., Jasim, J.A. (2024). Numerical analysis for a computer immersion-cooling system. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 1029-1036. https://doi.org/10.18280/ijht.420330

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70	Liu, W.Y., Li, C.S., Qi, C.Y., Zhang, L., Hui, J., Li, Y.X.	Investigating the Methodology for Identifying High-Temperature Zones within Porous Coal Masses via Thermal Conductivity Analysis	thermal conductivity, spherical heat conduction model, ignition source, high-temperature region	42, 3, 1058-1064	https://doi.org/10.18280/ijht.420332	Liu, W.Y., Li, C.S., Qi, C.Y., Zhang, L., Hui, J., Li, Y.X. (2024). Investigating the methodology for identifying high-temperature zones within porous coal masses via thermal conductivity analysis. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 3, pp. 1058-1064. https://doi.org/10.18280/ijht.420332
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81	Ma, Z.H.	Investigating Critical Parameters for the Application of Liquid Carbon Dioxide in Fire Prevention and Extinguishing in Goaf	liquid carbon dioxide, specific heat capacity, thermal conductivity, laser flash method, spontaneous combustion of coal	42, 2, 407-413	https://doi.org/10.18280/ijht.420206	Ma, Z.H. (2024). Investigating critical parameters for the application of liquid carbon dioxide in fire prevention and extinguishing in goaf. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 407-413. https://doi.org/10.18280/ijht.420206
82	Jaffrullah, S., Sridhar, W., Ganesh, G.R.	Analysis of MHD Casson Nanofluid Flow over a Nonlinearly Stretching Surface with Joule Heating, Radiation and Suction Effects	Casson nanofluid, chemical reaction, Joule heating, porous medium, radiation effect, non-linear stretching sheet, magnetohydrodynamics (MHD), suction/injection	42, 2, 414-426	https://doi.org/10.18280/ijht.420207	Jaffrullah, S., Sridhar, W., Ganesh, G.R. (2024). Analysis of MHD Casson nanofluid flow over a nonlinearly stretching surface with Joule heating, radiation and suction effects. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 414-426. https://doi.org/10.18280/ijht.420207
83	Shaban, N.A., Younes, M.B., Alkhalil, S.	Experimental and Mathematical Analysis of the Performance of a Small Scale Absorption Cycle (NH ₃ -H ₂ O and LiBr-H ₂ O)	absorption cycle, Engineering Equation Solver (EES), cooling capacity, renewable energy, LiBr-H ₂ O, NH ₃ -H ₂ O, air conditioning	42, 2, 427-433	https://doi.org/10.18280/ijht.420208	Shaban, N.A., Younes, M.B., Alkhalil, S. (2024). Experimental and mathematical analysis of the performance of a small scale absorption cycle (NH ₃ -H ₂ O and LiBr-H ₂ O). <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 427-433. https://doi.org/10.18280/ijht.420208
84	Fan, Y.Y., Wu, W.F.	Prediction Model of Thermal Conductivity for Composite Materials Based on Non-Equilibrium Thermodynamics	composite materials, non-equilibrium thermodynamics, thermal conductivity prediction, entropy production adjustment, microstructure analysis	42, 2, 434-442	https://doi.org/10.18280/ijht.420209	Fan, Y.Y., Wu, W.F. (2024). Prediction model of thermal conductivity for composite materials based on non-equilibrium thermodynamics. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 434-442. https://doi.org/10.18280/ijht.420209
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94	Altork, Y., Alamayreh, M.I.	Optimizing Hybrid Heating Systems: Identifying Ideal Stations and Conducting Economic Analysis Heating Houses in Jordan	hybrid heating power system, sanitary hot water, carbon dioxide emissions, Best-Worst Method (BWM), economic analysis	42, 2, 529-540	https://doi.org/10.18280/ijht.420219	Altork, Y., Alamayreh, M.I. (2024). Optimizing hybrid heating systems: Identifying ideal stations and conducting economic analysis heating houses in Jordan. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 529-540. https://doi.org/10.18280/ijht.420219
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96	Fang, X.D., Wu, X.D.	Investigating the Thermal Transfer Properties of Green Facades in Urban Buildings	building exterior wall greening, heat flow transfer characteristics, heat and mass transfer process in vegetation layer, radiative heat transfer effects, solar radiation heat flow, net long-wave radiation heat flow, convective heat transfer heat flow, latent heat flow, thermal balance equation for vegetation layer	42, 2, 549-559	https://doi.org/10.18280/ijht.420221	Fang, X.D., Wu, X.D. (2024). Investigating the thermal transfer properties of green facades in urban buildings. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 549-559. https://doi.org/10.18280/ijht.420221
97	Alfatlawi, T.J., Hussein, A.H.	A Review of Studying the Flow Characteristics in Branching Open Channels	surface quenching, thermal, mechanical, metallurgy, XC42 steel, numerical, simulation	42, 2, 560-566	https://doi.org/10.18280/ijht.420222	Alfatlawi, T.J., Hussein, A.H. (2024). A review of studying the flow characteristics in branching open channels. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 560-566. https://doi.org/10.18280/ijht.420222
98	Maniana, M., Azim, A., Erchiqui, F., Tajmouati, A.	Prediction of the Metallurgical Structure after Surface Heat Treatment of XC42 Steel	surface quenching, thermal, mechanical, metallurgy, XC42 steel, numerical, simulation	42, 2, 567-573	https://doi.org/10.18280/ijht.420223	Maniana, M., Azim, A., Erchiqui, F., Tajmouati, A. (2024). Prediction of the metallurgical structure after surface heat treatment of XC42 steel. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 567-573. https://doi.org/10.18280/ijht.420223
99	Han, M.	Thermal Error Compensation Technology: Thermodynamic Approaches to Enhance the Precision of Computer Numerical Control Machine Tools	computer numerical control (CNC) machine tools, thermal errors, thermal error compensation, digital twins, back propagation neural network (BPNN)	42, 2, 574-582	https://doi.org/10.18280/ijht.420224	Han, M. (2024). Thermal error compensation technology: Thermodynamic approaches to enhance the precision of computer numerical control machine tools. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 574-582. https://doi.org/10.18280/ijht.420224
100	Pulagam, M.K.R., Rout, S.K., Muduli, K.K., Syed, S.A., Barik, D., Hussein, A.K.	Internal Finned Heat Exchangers: Thermal and Hydraulic Performance Review	internally finned tube, heat transfer coefficient, friction factor, Nusselt number	42, 2, 583-592	https://doi.org/10.18280/ijht.420225	Pulagam, M.K.R., Rout, S.K., Muduli, K.K., Syed, S.A., Barik, D., Hussein, A.K. (2024). Internal finned heat exchangers: Thermal and hydraulic performance review. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 583-592. https://doi.org/10.18280/ijht.420225
101	Moshab, A.A., Aldulaimi, R.K.M.	Thermal Performance Analysis of Thermosiphon Solar Water Heating System Using Overlapped and Reverse Flow	flat plat collector, heat transfer enhancement, overlapping and reversed flow	42, 2, 593-602	https://doi.org/10.18280/ijht.420226	Moshab, A.A., Aldulaimi, R.K.M. (2024). Thermal performance analysis of thermosiphon solar water heating system using overlapped and reverse flow. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 593-602. https://doi.org/10.18280/ijht.420226
102	Cheng, T.T.	Impact of Piston Ring Gap on the Thermodynamic Performance of Gasoline Direct Injection Engines	Gasoline Direct Injection (GDI) technology, piston rings, thermodynamic performance, heat transfer analysis, boundary conditions	42, 2, 603-612	https://doi.org/10.18280/ijht.420227	Cheng, T.T. (2024). Impact of piston ring gap on the thermodynamic performance of Gasoline Direct Injection engines. International Journal of Heat and Technology, Vol. 42, No. 2, pp. 603-612. https://doi.org/10.18280/ijht.420227

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104	Wang, Y.	Thermodynamic Efficiency and Integration Strategies in Solar-Powered Building Electrical Systems	solar energy, building electrical systems, thermodynamic efficiency, energy analysis, exergy analysis, system integration, operational optimization	42, 2, 637-646	https://doi.org/10.18280/jht.420230	Wang, Y. (2024). Thermodynamic efficiency and integration strategies in solar-powered building electrical systems. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 637-646. https://doi.org/10.18280/jht.420230
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106	Souppornsingh, P., Chantawong, P., Khedari, J.	Experimental Investigation on Thermoelectric Power Generation Using Diurnal Temperature Difference Through Glazed Windows	Souppornsingh, P., Chantawong, P., Khedari, J.	42, 2, 653-658	https://doi.org/10.18280/jht.420232	Souppornsingh, P., Chantawong, P., Khedari, J. (2024). Experimental investigation on thermoelectric power generation using diurnal temperature difference through glazed windows. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 653-658. https://doi.org/10.18280/jht.420232
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108	Aldabbas, M.A.	The Energy Efficiency and Environmental Impact of Coutant Combustor Type	exhaust gases analysis, dry gas losses, incomplete combustion, combustion efficiency, volumetric product concentration	42, 2, 668-678	https://doi.org/10.18280/jht.420234	Aldabbas, M.A. (2024). The energy efficiency and environmental impact of coutant combustor type. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 668-678. https://doi.org/10.18280/jht.420234
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110	Wang, J.Y.	Thermal Comfort Simulation in Furniture Design: Integrating Considerations of the Building Thermal Environment	furniture design, thermal comfort, building thermal environment, thermal exchange, energy efficiency	42, 2, 688-696	https://doi.org/10.18280/jht.420236	Wang, J.Y. (2024). Thermal comfort simulation in furniture design: Integrating considerations of the building thermal environment. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 2, pp. 688-696. https://doi.org/10.18280/jht.420236
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113	Buonomo, B., Manca, O., Nardini, S., Plomitallo, R.E.	Numerical Study on Phase Change Material with Metal Foam in Shell and Convergent/Divergent Tube Thermal Energy Storage Systems with External Heat Losses	thermal storage, latent heat storage, phase change material, metal foam, shell and tube system, heat losses	42, 1, 1-9	https://doi.org/10.18280/jht.420101	Buonomo, B., Manca, O., Nardini, S., Plomitallo, R.E. (2024). Numerical study on phase change material with metal foam in shell and convergent/divergent tube thermal energy storage systems with external heat losses. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 1-9. https://doi.org/10.18280/jht.420101
114	Benchadli, D., Zemmouri, A., Azzouz, S., Ayad, A., Brahim, B.	Analytical Modeling of Joule Heating in Electro-Thermal Contacts for Short-Term Industrial Applications	thermal transfer, electro-thermal contacts, Joule effect, thermal diffusivity	42, 1, 10-18	https://doi.org/10.18280/jht.420102	Benchadli, D., Zemmouri, A., Azzouz, S., Ayad, A., Brahim, B. (2024). Analytical modeling of Joule heating in electro-thermal contacts for short-term industrial applications. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 10-18. https://doi.org/10.18280/jht.420102
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121	Sun, Y., Lv, M.Q., Ji, S., Pei, W.H., Li, M.	Enhancing Heat Exchange Efficiency: Experimental and Numerical Analysis of Temperature Differential Absorption Heat Pumps	large temperature differential absorption (LTDA) heat pump system, heat exchange station, numerical simulation, heat exchange efficiency, operational adjustment methods	42, 1, 79-89	https://doi.org/10.18280/ijht.420109	Sun, Y., Lv, M.Q., Ji, S., Pei, W.H., Li, M. (2024). Enhancing heat exchange efficiency: Experimental and numerical analysis of temperature differential absorption heat pumps. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 79-89. https://doi.org/10.18280/ijht.420109
122	Younes, M.B., Altork, Y., Shaban, N.A.	Performance Evaluation of a Small Scale Ammonia-Water Absorption Cooling System for Off-Grid Rural Homes: A Numerical and Experimental Study	absorption cooling, solar cooling, experimental absorption cooling, EES, ammonia-water absorption chiller, renewable energy, thermal comfort, numerical modeling	42, 1, 90-100	https://doi.org/10.18280/ijht.420110	Younes, M.B., Altork, Y., Shaban, N.A. (2024). Performance evaluation of a small scale ammonia-water absorption cooling system for off-grid rural homes: A numerical and experimental study. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 90-100. https://doi.org/10.18280/ijht.420110
123	Najaf, F., Aslan, S.R.	Enhancing Water Purification in Solar Stills Through Incorporation of Renewable Energy Technology: An Experimental Study on the Efficiency and Cooling Mechanisms - A Review	cooling glass cover, drinking water, evacuated tube collector, solar still	42, 1, 101-110	https://doi.org/10.18280/ijht.420111	Najaf, F., Aslan, S.R. (2024). Enhancing water purification in solar stills through incorporation of renewable energy technology: An experimental study on the efficiency and cooling mechanisms - A review. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 101-110. https://doi.org/10.18280/ijht.420111
124	Dai, X.Y., Li, T.Y.	Real-Time Remote Monitoring and Overheating Early Warning of Thermodynamic State of Complex Equipment Systems Based on Computer Network Technology	complex equipment systems, thermodynamics state monitoring, real-time remote monitoring, overheating early warning, reconstruction error, single-class monitoring algorithm, statistical quantity monitoring, Bucket Sorting Fpgrowth algorithm	42, 1, 111-120	https://doi.org/10.18280/ijht.420112	Dai, X.Y., Li, T.Y. (2024). Real-time remote monitoring and overheating early warning of thermodynamic state of complex equipment systems based on computer network technology. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 111-120. https://doi.org/10.18280/ijht.420112
125	Majeed, A.H., Faraj, J.J., Hussien, F.M.	Enhancing Solar Drying Efficiency Through Indirect Solar Dryers Integrated with Phase Change Materials	solar drying technology, phase change materials (PCMs), thermal energy storage (TES), systems, indirect solar dryers, food dehydration efficiency	42, 1, 121-131	https://doi.org/10.18280/ijht.420113	Majeed, A.H., Faraj, J.J., Hussien, F.M. (2024). Enhancing solar drying efficiency through indirect solar dryers integrated with phase change materials. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 121-131. https://doi.org/10.18280/ijht.420113
126	Syaiful, Priyadi, M.U.Z., Yunianto, B., Sinaga, N.	Enhancing Heat Transfer in Rectangular Channels: An Experimental Study on Perforated Concave Delta Winglet Vortex Generators	convex delta winglet vortex generators (CxDW VGs), heat transfer enhancement, rectangular channel, thermal resistance reduction, airflow dynamics	42, 1, 132-140	https://doi.org/10.18280/ijht.420114	Syaiful, Priyadi, M.U.Z., Yunianto, B., Sinaga, N. (2024). Enhancing heat transfer in rectangular channels: An experimental study on perforated concave delta winglet vortex generators. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 132-140. https://doi.org/10.18280/ijht.420114
127	Pan, Y., Chen, G., Huang, C.S.	Thermodynamic Analysis of Thermal Stability in Recycled Concrete Derived from Building Solid Waste	construction solid waste, recycled concrete, thermal stability, multiphase heat conduction, grey relational analysis	42, 1, 141-152	https://doi.org/10.18280/ijht.420115	Pan, Y., Chen, G., Huang, C.S. (2024). Thermodynamic analysis of thermal stability in recycled concrete derived from building solid waste. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 141-152. https://doi.org/10.18280/ijht.420115
128	Partyka, J., Lipnicki, Z., Malolepszy, T.	Analytical and Experimental Study of the Solidification of a Water in the Horizontal Moisturized Porous Slabs	horizontal fluid-saturated porous granular bed, free convection, solidification front, solidified layer	42, 1, 153-163	https://doi.org/10.18280/ijht.420116	Partyka, J., Lipnicki, Z., Malolepszy, T. (2024). Analytical and experimental study of the solidification of a water in the horizontal moisturized porous slabs. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 153-163. https://doi.org/10.18280/ijht.420116
129	Hassene, B., Rachid, B.	Angle Inclination Effect on Vortex Breakdown Zone in Rotating Flow Inside a Vertical Conical Container	rotating flow, conical container, vortex breakdown, Reynolds number, aspect ratio	42, 1, 164-170	https://doi.org/10.18280/ijht.420117	Hassene, B., Rachid, B. (2024). Angle inclination effect on vortex breakdown zone in rotating flow inside a vertical conical container. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 164-170. https://doi.org/10.18280/ijht.420117
130	Chen, Y., Zhang, G.Q., Song, A., You, P.B.	Thermodynamic Properties of Composite Material Bridges Under Thermal Cycling	composite material bridges, thermal cycling, thermodynamic properties, heat transfer analysis, fatigue damage, constitutive model, temperature effect	42, 1, 171-182	https://doi.org/10.18280/ijht.420118	Chen, Y., Zhang, G.Q., Song, A., You, P.B. (2024). Thermodynamic properties of composite material bridges under thermal cycling. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 171-182. https://doi.org/10.18280/ijht.420118
131	Ahmed, M.A., Alabdaly, I.K., Hatem, S.M., Hussein, M.M.	Numerical Investigation on Heat Transfer Enhancement in Serpentine Mini-Channel Heat Sink	serpentine, mini-channel heat sink (MCHS), entropy generation, thermal-hydraulic performance	42, 1, 183-190	https://doi.org/10.18280/ijht.420119	Ahmed, M.A., Alabdaly, I.K., Hatem, S.M., Hussein, M.M. (2024). Numerical investigation on heat transfer enhancement in serpentine mini-channel heat sink. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 183-190. https://doi.org/10.18280/ijht.420119
132	Imran, M.S., Saleh, F.A.	The Effects of Dill Oil Biodiesel on CI Engine Emissions and Performance	CI engine, dill oil, biofuel	42, 1, 191-200	https://doi.org/10.18280/ijht.420120	Imran, M.S., Saleh, F.A. (2024). The effects of dill oil biodiesel on CI engine emissions and performance. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 191-200. https://doi.org/10.18280/ijht.420120
133	Belaghit, M., Saim, R.	Enhancing Geothermal Wellbore Heat Exchanger Performance Through Rectangular Protusion Integration in Repurposed Abandoned Oil Wells	computational fluid dynamics, coefficient of performance, geothermal energy, heat transfer, rectangular protusion, wellbore heat exchanger	42, 1, 201-209	https://doi.org/10.18280/ijht.420121	Belaghit, M., Saim, R. (2024). Enhancing geothermal wellbore heat exchanger performance through rectangular protusion integration in repurposed abandoned oil wells. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 201-209. https://doi.org/10.18280/ijht.420121
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135	Mahdi, M.M., Ebrahim, S.E.	A Review of BiOBr-Based Photocatalysts for Wastewater Treatment	wastewater treatment, photocatalytic process, BiOBr synthesis, BiOBr characteristics, BiOBr photo-degradation activity	42, 1, 219-237	https://doi.org/10.18280/ijht.420123	Mahdi, M.M., Ebrahim, S.E. (2024). A review of BiOBr-based photocatalysts for wastewater treatment. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 219-237. https://doi.org/10.18280/ijht.420123
136	Mangallo, D., Joni.	The Effect of Clay Insulator Use on Corn Cob Carbonization Reactor Heat Loss	carbonization reactors, charcoal production, clay insulators, convection heat, corn cobs, heat effectiveness, heat loss, radiant heat	42, 1, 238-244	https://doi.org/10.18280/ijht.420124	Mangallo, D., Joni. (2024). The effect of clay insulator use on corn cob carbonization reactor heat loss. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 238-244. https://doi.org/10.18280/ijht.420124

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138	Huang, D., Huang, S.	Optimization Design and Thermodynamic Analysis of Thermal Management System for New Energy Vehicle Power Batteries	new energy vehicles, power battery, thermal management system, thermodynamic analysis, optimization design	42, 1, 253-262	https://doi.org/10.18280/ijht.420126	Huang, D., Huang, S. (2024). Optimization design and thermodynamic analysis of thermal management system for new energy vehicle power batteries. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 253-262. https://doi.org/10.18280/ijht.420126
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140	Babu, N.J., Kumar, B.R.	Optimization of Heat Sink Geometry for Improved Thermoelectric Generator Efficiency	fin, heat sink, thermoelectric generator, heat dissipation, pressure loss	42, 1, 270-276	https://doi.org/10.18280/ijht.420128	Babu, N.J., Kumar, B.R. (2024). Optimization of heat sink geometry for improved thermoelectric generator efficiency. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 270-276. https://doi.org/10.18280/ijht.420128
141	Cheng, X.L., Zhang, X.J., Su, L.P.	Optimizing Tunnel Design in Sharp Curves: A Numerical Simulation of Fluid-Structure Interaction	fluid-structure interaction (FSI), sharp-curve tunnels, numerical simulation, global sensitivity analysis, multi-objective optimization, tunnel design	42, 1, 277-286	https://doi.org/10.18280/ijht.420129	Cheng, X.L., Zhang, X.J., Su, L.P. (2024). Optimizing tunnel design in sharp curves: A numerical simulation of fluid-structure interaction. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 277-286. https://doi.org/10.18280/ijht.420129
142	Salim, I.Z., Jassim, N.A.	Enhancing Thermal Efficiency in Steam Generators: An Analysis of Multi-Stage Helical Coils and Vertical Separators with Partition Walls	convection heat-transfer coefficient, steam generator, two phase flow	42, 1, 287-296	https://doi.org/10.18280/ijht.420130	Salim, I.Z., Jassim, N.A. (2024). Enhancing thermal efficiency in steam generators: An analysis of multi-stage helical coils and vertical separators with partition walls. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 287-296. https://doi.org/10.18280/ijht.420130
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144	Kasulanati, V.C.S.	Collective Slip Results on Mhd Unstable Flow on Porous Stretching Sheet	slip effects, MHD, unsteady, porous, stretching sheet	42, 1, 303-310	https://doi.org/10.18280/ijht.420132	Kasulanati, V.C.S. (2024). Collective slip results on Mhd unstable flow on porous stretching sheet. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 303-310. https://doi.org/10.18280/ijht.420132
145	Nashee, S.R.	Enhancement of Heat Transfer in Nanofluid Flow Through Elbows with Varied Cross-Sections: A Computational Study	nano-fluid, elbow, heat transfer, fluid flow, pressure drop	42, 1, 311-319	https://doi.org/10.18280/ijht.420133	Nashee, S.R. (2024). Enhancement of heat transfer in nanofluid flow through elbows with varied cross-sections: A computational study. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 311-319. https://doi.org/10.18280/ijht.420133
146	He, H., Wang, L., Liu, J., Qin, L.H.	Optimizing Cloud Service Load Balancing Through Heat Conduction Equation Applications	cloud services, load balancing, heat conduction equation, genetic algorithm, neural networks, adaptive dynamic algorithm, engine x	42, 1, 320-328	https://doi.org/10.18280/ijht.420134	He, H., Wang, L., Liu, J., Qin, L.H. (2024). Optimizing cloud service load balancing through heat conduction equation applications. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 320-328. https://doi.org/10.18280/ijht.420134
147	Kanuri, V.R., Kasulanati, V.C.S., Brahmanandam, P.S., Medinty, S.S.M.K.	Investigating Poiseuille Flows in Rotating Inclined Pipes: An Analytical Approach	Poiseuille flows, pressure gradient force, Coriolis force, Navier-Stokes system	42, 1, 329-336	https://doi.org/10.18280/ijht.420135	Kanuri, V.R., Kasulanati, V.C.S., Brahmanandam, P.S., Medinty, S.S.M.K. (2024). Investigating Poiseuille flows in rotating inclined pipes: An analytical approach. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 329-336. https://doi.org/10.18280/ijht.420135
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150	Thanthong, P., Chantawong, P., Khedari, J.	Improved Performance of a Radiative-Based Thermoelectric Power Generator with Vertical Finned Absorber: An Experimental Investigation	vertical/horizontal finned heat absorber, radiative heat exchange, waste heat recovery, thermoelectric power generation	42, 1, 353-357	https://doi.org/10.18280/ijht.420138	Thanthong, P., Chantawong, P., Khedari, J. (2024). Improved performance of a radiative-based thermoelectric power generator with vertical finned absorber: An experimental investigation. <i>International Journal of Heat and Technology</i> , Vol. 42, No. 1, pp. 353-357. https://doi.org/10.18280/ijht.420138
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152	Alwatban, A., Othman, H.	Numerical Analysis of Turbulent Air Flow Dynamics in a Rectangular Channel with Perforated Nozzle-Shaped Vertical Baffles	CFD, nozzle-shaped, vertical baffles, turbulent flow, coefficient of skin friction, turbulent kinetic energy, rectangular channel	41, 6, 1407-1416	https://doi.org/10.18280/ijht.410602	Alwatban, A., Othman, H. (2023). Numerical analysis of turbulent air flow dynamics in a rectangular channel with perforated nozzle-shaped vertical baffles. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1407-1416. https://doi.org/10.18280/ijht.410602
153	Pu, W.	Optimization of Energy Flow in Urban Microgrids: A Thermodynamic Analysis-Based Approach	urban microgrids, cogeneration of heat and power (CHP), energy flow optimization, rolling scheduling, real-time scheduling, thermodynamic analysis, cascaded recycling, renewable energy	41, 6, 1417-1426	https://doi.org/10.18280/ijht.410603	Pu, W. (2023). Optimization of energy flow in urban micro-grids: A thermodynamic analysis-based approach. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1417-1426. https://doi.org/10.18280/ijht.410603

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156	Chen, L.F., Jin, R.B.	Thermal Expansion Behavior of Prefabricated Box Culverts and Its Impact on Structural Stability	prefabricated box culverts, thermal expansion behavior, three-dimensional stress, temperature-stress coupling, structural stability	41, 6, 1441-1452	https://doi.org/10.18280/ijht.410606	Chen, L.F., Jin, R.B. (2023). Thermal expansion behavior of prefabricated box culverts and its impact on structural stability. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1441-1452. https://doi.org/10.18280/ijht.410606
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159	Shen, T.Q., Sun, L.	Evaluating Energy Efficiency Potential in Residential Buildings in China's Hot Summer and Cold Winter Zones	hot summer and cold winter, building envelope, energy-saving potential, architectural energy efficiency	41, 6, 1468-1478	https://doi.org/10.18280/ijht.410609	Shen, T.Q., Sun, L. (2023). Evaluating energy efficiency potential in residential buildings in China's hot summer and cold winter zones. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1468-1478. https://doi.org/10.18280/ijht.410609
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163	Jemal, T., Shimels, S., Ali, Y., Fatoba, S.O.	Impact of Turbulent Flow on H-Type Vertical Axis Wind Turbine Efficiency: An Experimental and Numerical Study	power performance, turbulence intensity (TI), H-type wind turbine (HAWT), numerical modeling, power coefficient, wind velocity	41, 6, 1513-1520	https://doi.org/10.18280/ijht.410613	Jemal, T., Shimels, S., Ali, Y., Fatoba, S.O. (2023). Impact of turbulent flow on H-type vertical axis wind turbine efficiency: An experimental and numerical study. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1513-1520. https://doi.org/10.18280/ijht.410613
164	Almyali, H.M., Al Dulaimi, Z.M.H.	Dynamic Behaviors of Flame Propagation in Premixed Iraqi LPG-Air in a Horizontal Cylindrical Combustion Chamber	combustion behavior, flame propagation, ILPG-air, tulip flame, turbulence models	41, 6, 1521-1532	https://doi.org/10.18280/ijht.410614	Almyali, H.M., Al Dulaimi, Z.M.H. (2023). Dynamic behaviors of flame propagation in premixed Iraqi LPG-air in a horizontal cylindrical combustion chamber. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1521-1532. https://doi.org/10.18280/ijht.410614
165	Hua, S.H., Tong, X.R., Qu, Q., Xu, Y.	Impact of High Altitude Low Pressure Environments on Fire Smoke Propagation in Highway Tunnels	dual heat source, ambient pressure, low pressure and low oxygen, vertical shaft ventilation, tunnel fire simulation	41, 6, 1533-1542	https://doi.org/10.18280/ijht.410615	Hua, S.H., Tong, X.R., Qu, Q., Xu, Y. (2023). Impact of high altitude low pressure environments on fire smoke propagation in highway tunnels. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1533-1542. https://doi.org/10.18280/ijht.410615
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167	Hamadalla, M.W., Jumaah, O.M., Mohamed, S.J., Karash, E.T., Khaleel, M.H.	Enhanced Performance of Vapor Compression Air Conditioners Using TiO2 Nanoparticle-Oil Additives	compression, freon, air conditioners, nanoparticle-oil, power consumption	41, 6, 1554-1560	https://doi.org/10.18280/ijht.410617	Hamadalla, M.W., Jumaah, O.M., Mohamed, S.J., Karash, E.T., Khaleel, M.H. (2023). Enhanced performance of vapor compression air conditioners using TiO2 nanoparticle-oil additives. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1554-1560. https://doi.org/10.18280/ijht.410617
168	Yang, W., You, P.B.	Thermal Stress Analysis and Fatigue Life Assessment of Bridge Structures under Multi-Physical Field Coupling	multi-field coupling, bridge structures, thermal stress analysis, fatigue life assessment, stiffness degradation, load-bearing capacity, residual life	41, 6, 1561-1572	https://doi.org/10.18280/ijht.410618	Yang, W., You, P.B. (2023). Thermal stress analysis and fatigue life assessment of bridge structures under multi-physical field coupling. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1561-1572. https://doi.org/10.18280/ijht.410618
169	Mohammed Ali, M.F., Resen, I.S., Ibrahim, I.J.	Capillary Tube Length and Heat Transfer Dynamics in Air Conditioners: A Comparative Analysis of R-12 and Its Alternatives	adiabatic capillary tube, air conditioners, EES, R134a, R-12, two-phase	41, 6, 1573-1580	https://doi.org/10.18280/ijht.410619	Mohammed Ali, M.F., Resen, I.S., Ibrahim, I.J. (2023). Capillary tube length and heat transfer dynamics in air conditioners: A comparative analysis of R-12 and its alternatives. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1573-1580. https://doi.org/10.18280/ijht.410619
170	Sulistyo, Utomo, M.S.K.T.S., Rahman, R.A.	Enhancing Latent Thermal Battery Performance: A Study of Multistage Organic Phase Change Material Systems	energy, heat, phase change material, storage, thermal	41, 6, 1581-1586	https://doi.org/10.18280/ijht.410620	Sulistyo, Utomo, M.S.K.T.S., Rahman, R.A. (2023). Enhancing latent thermal battery performance: A study of multistage organic phase change material systems. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1581-1586. https://doi.org/10.18280/ijht.410620

171	Zhang, M.	Enhanced Estimation of Thermodynamic Parameters: A Hybrid Approach Integrating Rough Set Theory and Deep Learning	thermodynamic parameter estimation, deep learning, rough set theory, one-dimensional multi-regional coupled temperature field model, model identification	41, 6, 1587-1595	https://doi.org/10.18280/ijht.410621	Zhang, M. (2023). Enhanced estimation of thermodynamic parameters: A hybrid approach integrating rough set theory and deep learning. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1587-1595. https://doi.org/10.18280/ijht.410621
172	Rominyi, O.L., Akintunde, M.A., Bello, E.I., Lajide, L., Ikumapayi, O.M.	Development and Evaluation of a Batch-Reactor for Catalytic Depolymerization of Polymeric Waste for Liquid and Gaseous Fuel Production	activated carbon, batch reactor, depolymerization, energy conversion, polymeric waste, catalytic depolymerization, Polyethylene Terephthalate (PET)	41, 6, 1596-1604	https://doi.org/10.18280/ijht.410622	Rominyi, O.L., Akintunde, M.A., Bello, E.I., Lajide, L., Ikumapayi, O.M. (2023). Development and evaluation of a batch-reactor for catalytic depolymerization of polymeric waste for liquid and gaseous fuel production. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1596-1604. https://doi.org/10.18280/ijht.410622
173	Warbhe, S., Gujarkar, V.	Investigating Thermal Deflection in a Finite Hollow Cylinder Using Quasi-Static Approach and Space-Time Fractional Heat Conduction Equation	integral transform, thermal deflection, fractional thermoelasticity, Mittag Leffler function, quasi-static	41, 6, 1605-1610	https://doi.org/10.18280/ijht.410623	Warbhe, S., Gujarkar, V. (2023). Investigating thermal deflection in a finite hollow cylinder using quasi-static approach and space-time fractional heat conduction equation. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1605-1610. https://doi.org/10.18280/ijht.410623
174	Dong, J.	Development and Optimization of Automated Control Methods for Thermal Systems Focused on Energy Efficiency and Comfort Enhancement	thermal systems, energy efficiency analysis, user heat comfort modeling, fuzzy-PID control, automated control	41, 6, 1611-1620	https://doi.org/10.18280/ijht.410624	Dong, J. (2023). Development and optimization of automated control methods for thermal systems focused on energy efficiency and comfort enhancement. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1611-1620. https://doi.org/10.18280/ijht.410624
175	Jalil, S.J., Anjel, H.A.	Emission and Combustion Characteristics of Different Diesel Fuels Produced in Kurdistan-Region - Iraq	diesel engine, combustion, emissions	41, 6, 1621-1626	https://doi.org/10.18280/ijht.410625	Jalil, S.J., Anjel, H.A. (2023). Emission and combustion characteristics of different diesel fuels produced in Kurdistan-region - Iraq. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1621-1626. https://doi.org/10.18280/ijht.410625
176	Chara-Dackou, V.S., Njomo, D., Tchinda, R., Kondji, Y.S., Legue, D.R.K., Babikir, M.H.	Estimation of Solar Radiation and Feasibility Analysis of a Concentrating Solar Power Plant in Birao, Central African Republic	solar radiation estimation, concentrating solar power, techno-economic analysis, Central African Republic	41, 6, 1627-1638	https://doi.org/10.18280/ijht.410626	Chara-Dackou, V.S., Njomo, D., Tchinda, R., Kondji, Y.S., Legue, D.R.K., Babikir, M.H. (2023). Estimation of solar radiation and feasibility analysis of a concentrating solar power plant in Birao, Central African Republic. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1627-1638. https://doi.org/10.18280/ijht.410626
177	Li, H.N., Lin, Y.	Solidification and Conformation of Ionic Liquid 1-Ethyl-3-Methylimidazolium Trifluoroacetate under High Pressure	imidazolium-based ionic liquids, high pressure, Raman spectra, phase transition, conformation	41, 6, 1639-1644	https://doi.org/10.18280/ijht.410627	Li, H.N., Lin, Y. (2023). Solidification and conformation of ionic liquid 1-ethyl-3-methylimidazolium trifluoroacetate under high pressure. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1639-1644. https://doi.org/10.18280/ijht.410627
178	Alhaly, N.F.	Sizing the Nuclear Reactor by Critical Mass Calculation for a Spherical Reactor Case Study	neutron diffusion equation, neutron transport theory, critical mass, nuclear energy, nuclear spherical core size, PWR, sustaining chain reaction, CO2 emissions	41, 6, 1645-1654	https://doi.org/10.18280/ijht.410628	Alhaly, N.F. (2023). Sizing the nuclear reactor by critical mass calculation for a spherical reactor case study. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1645-1654. https://doi.org/10.18280/ijht.410628
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180	Bai, H., Kong, W.Y., Wang, Z.Y., Tian, L.X.	Thermodynamic Analysis of Thermal Efficiency and Entropy Production in Distributed Energy Storage Systems within Power Distribution Networks	distributed energy storage systems, thermal efficiency, entropy production, transient heat transfer model, non-thermal equilibrium, exergy analysis, power distribution networks	41, 6, 1661-1671	https://doi.org/10.18280/ijht.410630	Bai, H., Kong, W.Y., Wang, Z.Y., Tian, L.X. (2023). Thermodynamic analysis of thermal efficiency and entropy production in distributed energy storage systems within power distribution networks. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 6, pp. 1661-1671. https://doi.org/10.18280/ijht.410630
181	Nkol, F.P.N., Freidy, E.J., Banta, N.J.I., Yotchou, G.V.T., Abbe, C.V.N., Mouangué, R.M.	Simulating the Effect of Methanol and Spray Tilt Angle on Pollutant Emission of a Diesel Engine Using Different Turbulence Models	methanol, Computational Fluid Dynamics (CFD), turbulence, pollutant emissions, spray angle, diesel engine	41, 5, 1105-1120	https://doi.org/10.18280/ijht.410501	Nkol, F.P.N., Freidy, E.J., Banta, N.J.I., Yotchou, G.V.T., Abbe, C.V.N., Mouangué, R.M. (2023). Simulating the effect of methanol and spray tilt angle on pollutant emission of a diesel engine using different turbulence models. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1105-1120. https://doi.org/10.18280/ijht.410501
182	Salim, I.Z., Jassim, N.A.	Supersonic Nozzle Location in Steam Ejector Effect on the Mass Fraction and Vacuum of Second Fluid	Converging-Diverging Nozzle, desalination, mixer, steam ejector	41, 5, 1121-1128	https://doi.org/10.18280/ijht.410502	Salim, I.Z., Jassim, N.A. (2023). Supersonic nozzle location in steam ejector effect on the mass fraction and vacuum of second fluid. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1121-1128. https://doi.org/10.18280/ijht.410502
183	Rezaiguia, I., Mebrouk, R., Kadja, M.	Effect of Nanoparticle Material, Porosity and Thermal Radiation on Forced Convection Heat Transfer of Cu-Water and CuO-Water Nanofluids over a Stretching Sheet	stretching sheet, nanofluid, forced convection, porous medium, nanofluid heat transfer, numerical simulation, magnetohydrodynamics	41, 5, 1129-1138	https://doi.org/10.18280/ijht.410503	Rezaiguia, I., Mebrouk, R., Kadja, M. (2023). Effect of nanoparticle material, porosity and thermal radiation on forced convection heat transfer of Cu-water and CuO-water nanofluids over a stretching sheet. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1129-1138. https://doi.org/10.18280/ijht.410503
184	Bai, H., Kong, W.Y., Wang, Z.Y., Tian, L.X.	Synergistic Strategies in Multi-Energy Systems: Thermodynamic Constraints within Distribution Networks	thermodynamics, multi-energy systems, distribution network, economic cost, thermodynamic efficiency, synergistic strategy	41, 5, 1139-1150	https://doi.org/10.18280/ijht.410504	Bai, H., Kong, W.Y., Wang, Z.Y., Tian, L.X. (2023). Synergistic strategies in multi-energy systems: Thermodynamic constraints within distribution networks. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1139-1150. https://doi.org/10.18280/ijht.410504
185	Neverov, E.N., Korotkiy, I.A., Korotkih, P.S., Ivanova, L.A.	Development of an Energy Efficient Refrigeration Unit Using Carbon Dioxide as a Natural Refrigerant	carbon dioxide, ecology, heat recuperation, heat transfer, freezing rate, direct contact with carbon dioxide	41, 5, 1151-1157	https://doi.org/10.18280/ijht.410505	Neverov, E.N., Korotkiy, I.A., Korotkih, P.S., Ivanova, L.A. (2023). Development of an energy efficient refrigeration unit using carbon dioxide as a natural refrigerant. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1151-1157. https://doi.org/10.18280/ijht.410505
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187	Almutlaq, A., Alyahya, S.	Effects of Brine Feed Rate and Number of Stages on Water Yield of Vertical Multi Effects Diffusion Solar Distillation Unit: Experimental Study	solar energy, sea water, desalination, sustainability, thermal power, solar still	41, 5, 1167-1176	https://doi.org/10.18280/ijht.410507	Almutlaq, A., Alyahya, S. (2023). Effects of brine feed rate and number of stages on water yield of vertical multi effects diffusion solar distillation unit: Experimental study. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1167-1176. https://doi.org/10.18280/ijht.410507

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192	Huang, S., Huang, D.	Deep Learning-Based Cooperative Modelling of Thermal Flow and Stress Fields in Laser Powder Bed Fusion	Laser Powder Bed Fusion (LPBF), thermal flow, stress field, deep learning, thermal distortion prediction	41, 5, 1217-1225	https://doi.org/10.18280/ijht.410512	Huang, S., Huang, D. (2023). Deep learning-based cooperative modelling of thermal flow and stress fields in laser powder bed fusion. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1217-1225. https://doi.org/10.18280/ijht.410512
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197	Idan Al-Chlaihawi, K.K., Alyas, B.H., Badr, A.A.	CFD Based Numerical Performance Assessment of a Solar Air Heater Duct Roughened by Transverse - Trapezoidal Sectioned Ribs	solar air heater, artificial roughness, numerical simulation, turbulence modeling, heat transfer enhancement, RNG k-ε model	41, 5, 1273-1281	https://doi.org/10.18280/ijht.410517	Idan Al-Chlaihawi, K.K., Alyas, B.H., Badr, A.A. (2023). CFD based numerical performance assessment of a solar air heater duct roughened by transverse - trapezoidal sectioned ribs. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1273-1281. https://doi.org/10.18280/ijht.410517
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200	Khaled, R.A., Mushatet, K.S.	CFD Analysis for a Twisted Elliptical Double Tube Heat Exchangers Integrated with a Twisted Tape	double elliptical twisted tubes, twisted tape, heat exchanger, CFD	41, 5, 1301-1308	https://doi.org/10.18280/ijht.410520	Khaled, R.A., Mushatet, K.S. (2023). CFD analysis for a twisted elliptical double tube heat exchangers integrated with a twisted tape. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1301-1308. https://doi.org/10.18280/ijht.410520
201	Ali, F., Habib, M., Rachid, S.	Numerical Prediction of a Turbulent Flow with Double Annular Jets for Different Reynolds Numbers	annular jets, double jet annular flow, burner jet, turbulent flow	41, 5, 1309-1316	https://doi.org/10.18280/ijht.410521	Ali, F., Habib, M., Rachid, S. (2023). Numerical prediction of a turbulent flow with double annular jets for different Reynolds numbers. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1309-1316. https://doi.org/10.18280/ijht.410521
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206	Ahmed, M.A., Alabdaly, I.K., Hatema, S.M., Hussein, M.M.	Numerical Investigation of Hydrothermal Performance and Entropy Generation Through Backward Facing Step Channel with Oval Rib	backward facing step, oval rib, entropy generation, laminar flow, finite volume method	41, 5, 1349-1357	https://doi.org/10.18280/ijht.410526	Ahmed, M.A., Alabdaly, I.K., Hatema, S.M., Hussein, M.M. (2023). Numerical investigation of hydrothermal performance and entropy generation through backward facing step channel with oval rib. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1349-1357. https://doi.org/10.18280/ijht.410526
207	Belahmadi, E., Bessaïh, R.	Heat Transfer and Entropy Generation Minimization in a Lid-Driven Enclosure Filled with Nanofluid	heat transfer, entropy generation, heated cylinders, lid-driven enclosure, nanofluids	41, 5, 1358-1364	https://doi.org/10.18280/ijht.410527	Belahmadi, E., Bessaïh, R. (2023). Heat transfer and entropy generation minimization in a lid-driven enclosure filled with nanofluid. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1358-1364. https://doi.org/10.18280/ijht.410527
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211	Qi, G.K., Xia, Z.L.	Virtual Reality-Enhanced Fluid Dynamics for Thermodynamic and Hydrodynamic Evaluation in Valve Design	virtual reality integration, fluid dynamics, thermodynamics, valve design evaluation, simulation system, performance enhancement	41, 5, 1389-1395	https://doi.org/10.18280/ijht.410531	Qi, G.K., Xia, Z.L. (2023). Virtual reality-enhanced fluid dynamics for thermodynamic and hydrodynamic evaluation in valve design. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 5, pp. 1389-1395. https://doi.org/10.18280/ijht.410531
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217	Meng, Q.Q., Yang, C.P., Zhou, H.X., Li, W.C.	Structural Enhancement and Thermal Deformation Analysis of Antenna Arrays in Vehicle-Mounted Phased Array Radar: A Heat Dissipation Perspective	vehicle-mounted phased array radar, antenna array surface, heat dissipation, micro-channels, structural optimization, PSO (Particle Swarm Optimization)-GA (Genetic Algorithm)-BPNN (Back Propagation Neural Network), thermal deformation prediction	41, 4, 838-846	https://doi.org/10.18280/ijht.410406	Meng, Q.Q., Yang, C.P., Zhou, H.X., Li, W.C. (2023). Structural enhancement and thermal deformation analysis of antenna arrays in vehicle-mounted phased array radar: A heat dissipation perspective. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 4, pp. 838-846. https://doi.org/10.18280/ijht.410406
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221	Ali, H.M., Kadhim, S.A., Ibrahim, O.A.A.M.	Evaluating Refrigerant Purity Characteristics: An Experimental Approach to Assess Impact on Vapor-Compression Refrigeration System Performance	refrigerant purity characteristics, vapor compression refrigeration system, R134a, chest freezer, power consumption, COP	41, 4, 883-890	https://doi.org/10.18280/ijht.410410	Ali, H.M., Kadhim, S.A., Ibrahim, O.A.A.M. (2023). Evaluating refrigerant purity characteristics: An experimental approach to assess impact on vapor-compression refrigeration system performance. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 4, pp. 883-890. https://doi.org/10.18280/ijht.410410

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223	Niu, Q.C., Guo, X.H.	Application of a Thermodynamic Model in Durability Analysis of Bridge Structures under Climatic Variability	cavity, simulation, temperature, time, velocity, wall	41, 4, 901-909	https://doi.org/10.18280/ijht.410412	Niu, Q.C., Guo, X.H. (2023). Application of a thermodynamic model in durability analysis of bridge structures under climatic variability. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 4, pp. 901-909. https://doi.org/10.18280/ijht.410412
224	Qi, Z., Ren, C.L.	Optimising Heat Transfer and Ventilation in Interior Architecture for Enhanced Human Thermal Comfort	indoor thermal comfort, fluid dynamics, architectural design, hollow and ventilated interior wall, optimization design	41, 4, 910-918	https://doi.org/10.18280/ijht.410413	Qi, Z., Ren, C.L. (2023). Optimising heat transfer and ventilation in interior architecture for enhanced human thermal comfort. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 910-918. https://doi.org/10.18280/ijht.410413
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226	Shams, O.A., Ahmed, B.A., Majidi, H.S.	Comparative Analysis of Aluminum Alloys 2024 and 7085 under Thermal Fatigue and Crack Propagation	fatigue life, dynamic crack propagation, crack tip, analysis, aluminum alloy 2024, aluminum alloy 7085, thermal fatigue	41, 4, 929-936	https://doi.org/10.18280/ijht.410415	Shams, O.A., Ahmed, B.A., Majidi, H.S. (2023). Comparative analysis of aluminum alloys 2024 and 7085 under thermal fatigue and crack propagation. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 4, pp. 929-936. https://doi.org/10.18280/ijht.410415
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237	Al-Muhsen, N.F.O., Al-Khafaji, O.R.S., Ismail, F.B.	Thermal Performance Optimization of Perforated Fins for Flat Plate Heat Sinks Using CFD Approach	computational fluid dynamics (CFD), perforated fins, perforation shape, perforation position, natural convection heat transfer, heat transfer coefficient, temperature difference	41, 4, 1052-1062	https://doi.org/10.18280/ijht.410426	Al-Muhsen, N.F.O., Al-Khafaji, O.R.S., Ismail, F.B. (2023). Thermal performance optimization of perforated fins for flat plate heat sinks using CFD approach. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 4, pp. 1052-1062. https://doi.org/10.18280/ijht.410426
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247	Ding, X.Y., Jia, L.L.	North-South Differences of Xuefeng Mountain Metallogenic Belt and Fluid Inclusion and Isotope Evidences of Ore-Forming Hydrothermal Solution Source	Xuefeng Mountain metallogenic belt, ore-forming differences, fluid inclusions, ore-forming hydrothermal solution	41, 3, 541-550	https://doi.org/10.18280/ijht.410306	Ding, X.Y., Jia, L.L. (2023). North-south differences of Xuefeng Mountain metallogenic belt and fluid inclusion and isotope evidences of ore-forming hydrothermal solution source. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 541-550. https://doi.org/10.18280/ijht.410306
248	Al-Gaheeshi, A.M.R., Rashid, F.L., Eleiwi, M.A., Basem, A.	Thermo-Hydraulic Analysis of Mixed Convection in a Channel-Square Enclosure Assembly with Hemi-Sphere Source at the Bottom	open enclosure, heated source, mixed convection, forced convection, natural convection	41, 3, 551-562	https://doi.org/10.18280/ijht.410307	Al-Gaheeshi, A.M.R., Rashid, F.L., Eleiwi, M.A., Basem, A. (2023). Thermo-hydraulic analysis of mixed convection in a channel-square enclosure assembly with hemi-sphere source at the bottom. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 551-562. https://doi.org/10.18280/ijht.410307
249	Boryca, J., Wylecial, T., Urbaniak, D.	Fuel Consumption Reduction Strategies for Heating Steel Charge Prior to Plastic Processing	energy efficiency, steel heating furnace, steel charge heating, combustion air preheating, closed-loop energy management	41, 3, 563-571	https://doi.org/10.18280/ijht.410308	Boryca, J., Wylecial, T., Urbaniak, D. (2023). Fuel consumption reduction strategies for heating steel charge prior to plastic processing. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 563-571. https://doi.org/10.18280/ijht.410308
250	Yao, H.W., Lv, K.F., Shi, Z.F., Li, Y.X., Xing, M.Y., Song, H.T., Ren, W.	Numerical Simulation of 35kV Oil-Immersed Transformer Fire and Extinguishing Effects of High-Pressure Fine Water Mist	oil-immersed transformers, combustion characteristics, PyroSim, fire simulation, temperature field distribution, high pressure fine water mist	41, 3, 572-580	https://doi.org/10.18280/ijht.410309	Yao, H.W., Lv, K.F., Shi, Z.F., Li, Y.X., Xing, M.Y., Song, H.T., Ren, W. (2023). Numerical simulation of 35kV oil-immersed transformer fire and extinguishing effects of high-pressure fine water mist. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 572-580. https://doi.org/10.18280/ijht.410309
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253	Alshwairekh, A.M.	A Computational Fluid Dynamics Study on Polymer Heat Exchangers for Low-Temperature Applications: Assessing Additive Manufacturing and Thermal-Hydraulic Performance	CFD, heat exchangers, low-temperature heat exchangers, 3D printing, Nusselt number, friction factor	41, 3, 602-610	https://doi.org/10.18280/ijht.410312	Alshwairekh, A.M. (2023). A computational fluid dynamics study on polymer heat exchangers for low-temperature applications: Assessing additive manufacturing and thermal-hydraulic performance. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 602-610. https://doi.org/10.18280/ijht.410312
254	Xiao, Z.J., Wang, Z.B., Zhang, C.L., Xia, Z.L.	Thermodynamic Analysis and Heat Transfer Optimization of CFRP Rotor in Screw Vacuum Pumps	screw vacuum pump, thermal-structural coupling, thermodynamics, heat transfer, CFRP rotor, thermodynamic analysis	41, 3, 611-618	https://doi.org/10.18280/ijht.410313	Xiao, Z.J., Wang, Z.B., Zhang, C.L., Xia, Z.L. (2023). Thermodynamic analysis and heat transfer optimization of CFRP rotor in screw vacuum pumps. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 611-618. https://doi.org/10.18280/ijht.410313
255	Hussien, F.M., Hassoon, A.S., Faraj, J.J.	Performance Analysis of a Triple Pipe Heat Exchanger with Phase Change Materials for Thermal Storage	triplex pipe heat exchanger (TPHX), thermal storage system, phase change material (PCM), paraffin wax, lauric acid, Entropy generation number, energy and exergy efficiency, Stefan number	41, 3, 619-628	https://doi.org/10.18280/ijht.410314	Hussien, F.M., Hassoon, A.S., Faraj, J.J. (2023). Performance analysis of a triple pipe heat exchanger with phase change materials for thermal storage. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 619-628. https://doi.org/10.18280/ijht.410314

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258	Benmouiza, K.	Solar Zoning Maps of Algeria Based on Sunshine Duration Data and Kriging Method	sunshine duration, kriging interpolation, geospatial mapping, solar radiation maps, Algeria	41, 3, 649-656	https://doi.org/10.18280/ijht.410317	Benmouiza, K. (2023). Solar zoning maps of Algeria based on sunshine duration data and Kriging method. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 649-656. https://doi.org/10.18280/ijht.410317
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270	Li, Z., Wang, Y., Wang, W.C., Ruan, L.	Optimization and Experimental Investigation of Hybrid Rib Array Heat Exchangers for High-Power Electronics Cooling in Self-circulating Cooling System	hybrid rib array, enhancing heat transfer performance, angle, height	41, 3, 737-741	https://doi.org/10.18280/ijht.410329	Li, Z., Wang, Y., Wang, W.C., Ruan, L. (2023). Optimization and experimental investigation of hybrid rib array heat exchangers for high-power electronics cooling in self-circulating cooling system. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 3, pp. 737-741. https://doi.org/10.18280/ijht.410329
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332	Ma, C.L.	Thermal Properties and Fire Resistance of Cement Base Material for Road Pavement Based on Finite Element Analysis	finite element analysis, road, cement base, thermal properties, fire resistance	41, 1, 271-277	https://doi.org/10.18280/ijht.410131	Ma, C.L. (2023). Thermal properties and fire resistance of cement base material for road pavement based on finite element analysis. <i>International Journal of Heat and Technology</i> , Vol. 41, No. 1, pp. 271-277. https://doi.org/10.18280/ijht.410131
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373	Kada, A., Elmir, M., Mokhefi, A., Bouanini, M., Spiteri, P.	Numerical Study of the Elasto-Hydrodynamic Behavior of a Metallic Structure Subjected to a Nanofluid Flow	nanofluid-structure interaction, finite element method, Navier-stokes, arbitrary Lagrange-Euler, (ALE)	40, 3, 792-800	https://doi.org/10.18280/ijht.400318	Kada, A., Elmir, M., Mokhefi, A., Bouanini, M., Spiteri, P. (2022). Numerical study of the elasto-hydrodynamic behavior of a metallic structure subjected to a nanofluid flow. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 3, pp. 792-800. https://doi.org/10.18280/ijht.400318
374	Qiao, Y., Gao, F.	Hydrodynamics of Reservoirs in Arid Areas and Its Influencing Factors	Yazidang Reservoir, circulation, numerical simulation, wind field, boundary	40, 3, 801-805	https://doi.org/10.18280/ijht.400319	Qiao, Y., Gao, F. (2022). Hydrodynamics of reservoirs in arid areas and its influencing factors. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 3, pp. 801-805. https://doi.org/10.18280/ijht.400319

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395	Poddar, S., Islam, M.M., Ferdouse, J., Alam, M.M.	Steady-State Solution of MHD Heat and Mass Transfer Fluid Flow over a Semi-Infinite Vertical Plate in a Rotating System Dipped in a Porous Medium with Hall Current, Thermal Radiation, Heat Generation/Absorption and Joule Heating	MHD, porous medium, finite difference method (FDM), hall current	40, 2, 457-467	https://doi.org/10.18280/ijht.400213	Poddar, S., Islam, M.M., Ferdouse, J., Alam, M.M. (2022). Steady-state solution of MHD heat and mass transfer fluid flow over a semi-infinite vertical plate in a rotating system dipped in a porous medium with hall current, thermal radiation, heat generation/absorption and joule heating. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 2, pp. 457-467. https://doi.org/10.18280/ijht.400213
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404	Lu, Y.F.	Heat Flow Field Analysis on Heat Dissipation Features of High-Wattage Power Cabinets	heat flow field analysis, high-wattage power cabinets, heat dissipation features	40, 2, 543-548	https://doi.org/10.18280/ijht.400222	Lu, Y.F. (2022). Heat flow field analysis on heat dissipation features of high-wattage power cabinets. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 2, pp. 543-548. https://doi.org/10.18280/ijht.400222
405	Bihiche, K., Lamsaadi, M.	Soret-Driven Convection of Non-Newtonian Binary Fluids in a Shallow Cavity Uniformly Heated from Below: Case of Opposing Flows	Soret-driven convection, buoyancy ratio, finite volume method, heat and mass transfers, non-Newtonian fluids	40, 2, 549-560	https://doi.org/10.18280/ijht.400223	Bihiche, K., Lamsaadi, M. (2022). Soret-driven convection of non-Newtonian binary fluids in a shallow cavity uniformly heated from below: Case of opposing flows. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 2, pp. 549-560. https://doi.org/10.18280/ijht.400223
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410	Chen, J., Yang, J.R.	Regional Construction and Differences of Thermal Environment in Vernacular Buildings	vernacular buildings, regional construction of thermal environment, differences	40, 2, 592-598	https://doi.org/10.18280/ijht.400228	Chen, J., Yang, J.R. (2022). Regional construction and differences of thermal environment in vernacular buildings. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 2, pp. 592-598. https://doi.org/10.18280/ijht.400228
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412	Cheng, Y.	Thermal Fault Detection and Severity Analysis of Mechanical and Electrical Automation Equipment	mechanical and electrical automation equipment, thermal fault, severity, Multi-Sensor Information Fusion (MSIF), D-S evidential theory	40, 2, 604-610	https://doi.org/10.18280/ijht.400230	Cheng, Y. (2022). Thermal fault detection and severity analysis of mechanical and electrical automation equipment. <i>International Journal of Heat and Technology</i> , Vol. 40, No. 2, pp. 604-610. https://doi.org/10.18280/ijht.400230
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464	Bilonoga, Y., Stybel, V., Maksysko, O., Drachuk, U.	Substantiation of a New Calculation and Selection Algorithm of Optimal Heat Exchangers with Nanofluid Heat Carriers Taking into Account Surface Forces	Bl and Blturb. numbers, heat exchangers, thermal conductivity turbulent, viscosity turbulent, surface tension coefficient, nanofluids	39, 6, 1697-1712	https://doi.org/10.18280/ijht.390602	Bilonoga, Y., Stybel, V., Maksysko, O., Drachuk, U. (2021). Substantiation of a new calculation and selection algorithm of optimal heat exchangers with nanofluid heat carriers taking into account surface forces. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1697-1712. https://doi.org/10.18280/ijht.390602
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537	Gaikwad, S.N., Surwase, D.M.	Convective Instability in Binary Nanofluids for Absorption Phenomenon with Cross Diffusions and Internal Heat Source	binary nanofluid, convection, cross diffusions, Dufour effect, heat generation, separation ratio, thermophoresis	39, 4, 1047-1056	https://doi.org/10.18280/ijht.390402	Gaikwad, S.N., Surwase, D.M. (2021). Convective instability in binary nanofluids for absorption phenomenon with cross diffusions and internal heat source. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1047-1056. https://doi.org/10.18280/ijht.390402
538	Issa, R.J.	Automobile Radiator Integrated with Al2O3 Nanofluid for Compact Size and Sustainability Enhancement	alumina, global warming potential, life cycle assessment, nanofluid, radiator heat exchanger	39, 4, 1057-1065	https://doi.org/10.18280/ijht.390403	Issa, R.J. (2021). Automobile radiator integrated with Al2O3 nanofluid for compact size and sustainability enhancement. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1057-1065. https://doi.org/10.18280/ijht.390403
539	Li, X.W., Zhao, F., Hou, J.L., Guo, W.	Features and Spread Mechanism of Thermal Runaway for Electric Car Batteries	electric cars, batteries, thermal runaway, thermal spread	39, 4, 1066-1074	https://doi.org/10.18280/ijht.390404	Li, X.W., Zhao, F., Hou, J.L., Guo, W. (2021). Features and spread mechanism of thermal runaway for electric car batteries. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1066-1074. https://doi.org/10.18280/ijht.390404
540	El Harfi, H., Kaddir, M., Lamsaadi, M., Tizakast, Y.	Effect of a Magnetic Field on Mixed Convection in a Rectangular Cavity Filled with Ferrofluid	ferrofluid, finite volume method, heat transfer, lid-driven enclosure, magnetic field, mixed convection, parallel flow	39, 4, 1075-1086	https://doi.org/10.18280/ijht.390405	El Harfi, H., Kaddir, M., Lamsaadi, M., Tizakast, Y. (2021). Effect of a magnetic field on mixed convection in a rectangular cavity filled with ferrofluid. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1075-1086. https://doi.org/10.18280/ijht.390405
541	Amraoui, M.A.	Three-Dimensional Numerical Simulation of a Flat Plate Solar Collector with Double Paths	solar collector with double paths, thermal transfer, k_e turbulent model, CFD	39, 4, 1087-1096	https://doi.org/10.18280/ijht.390406	Amraoui, M.A. (2021). Three-dimensional numerical simulation of a flat plate solar collector with double paths. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1087-1096. https://doi.org/10.18280/ijht.390406
542	Villagrán, E.	Thermal Simulation of a Greenhouse Proposed for Fruit and Vegetable Production in the Lowlands of Panama	air flow, thermal differential, CFD simulation, insect proof	39, 4, 1097-1106	https://doi.org/10.18280/ijht.390407	Villagrán, E. (2021). Thermal simulation of a greenhouse proposed for fruit and vegetable production in the lowlands of Panama. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1097-1106. https://doi.org/10.18280/ijht.390407
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547	Shi, Y.X., Jiang, P., Wang, F.J., Zhou, S.X.	Experimental Study on Mixing Uniformity of Injection On-Line Mixer of Crop Protection Equipment	injection online mixer, numerical simulation, mixing uniformity, variation coefficient, image analysis	39, 4, 1143-1152	https://doi.org/10.18280/ijht.390412	Shi, Y.X., Jiang, P., Wang, F.J., Zhou, S.X. (2021). Experimental study on mixing uniformity of injection on-line mixer of crop protection equipment. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1143-1152. https://doi.org/10.18280/ijht.390412
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555	Gupta, A.K., Kumar, M., Sahoo, R.K., Sarangi, S.K.	Analytical and Experimental Investigation of a Plate Fin Heat Exchanger at Cryogenics Temperature	plate fin heat exchanger, effectiveness, friction factor, cryogenics	39, 4, 1225-1235	https://doi.org/10.18280/ijht.390420	Gupta, A.K., Kumar, M., Sahoo, R.K., Sarangi, S.K. (2021). Analytical and experimental investigation of a plate fin heat exchanger at cryogenics temperature. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1225-1235. https://doi.org/10.18280/ijht.390420
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576	Tizakast, Y., Kaddirri, M., Lamsaadi, M.	Thermosolutal Mixed Convection in Shallow Rectangular Cavity with Imposed Uniform Heat and Mass Fluxes and Filled with Newtonian Power-Law Fluid	finite volume method, heat and mass transfer, mixed convection, parallel flow, single lid driven cavity	39, 3, 669-680	https://doi.org/10.18280/ijht.390301	Tizakast, Y., Kaddirri, M., Lamsaadi, M. (2021). Thermosolutal mixed convection in shallow rectangular cavity with imposed uniform heat and mass fluxes and filled with Newtonian power-law fluid. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 669-680. https://doi.org/10.18280/ijht.390301
577	Lipnicki, Z., Bydalek, A.W., Malolepszy, T.	Analytical Study of Solidification of Liquid Alloy in a Two-Stage Solidification Front	development of a simple analytical model, heat transfer, phase change, two-phase layer	39, 3, 681-687	https://doi.org/10.18280/ijht.390302	Lipnicki, Z., Bydalek, A.W., Malolepszy, T. (2021). Analytical study of solidification of liquid alloy in a two-stage solidification front. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 681-687. https://doi.org/10.18280/ijht.390302
578	Rao, P.P.	System Identification and Prediction in Radiative Heat Transfer Using Dynamic Mode Decomposition	system identification, dynamic mode decomposition with control, radiative heat transfer, model order reduction	39, 3, 688-700	https://doi.org/10.18280/ijht.390303	Rao, P.P. (2021). System identification and prediction in radiative heat transfer using dynamic mode decomposition. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 688-700. https://doi.org/10.18280/ijht.390303

579	Sun, X.Y., Chen, F.M., Pan, Z.A., Bai, L.	Research and Evaluation of Energy-Saving Reconstruction of Intelligent Community Heating System Based on the Internet of Things	internet of things (IoT), intelligent community heating (ICH), energy-saving reconstruction, energy-saving evaluation	39, 3, 701-710	https://doi.org/10.18280/ijht.390304	Sun, X.Y., Chen, F.M., Pan, Z.A., Bai, L. (2021). Research and evaluation of energy-saving reconstruction of intelligent community heating system based on the internet of things. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 701-710. https://doi.org/10.18280/ijht.390304
580	Bagai, S., Kumar, M., Patel, A.	Mixed Convection in a Two-Sided and Four-Sided Lid-Driven Square Porous Cavity	alternating-direction-implicit (ADI) method, finite difference method, mixed convection, two-sided and four-sided lid-driven flow, porous media	39, 3, 711-726	https://doi.org/10.18280/ijht.390305	Bagai, S., Kumar, M., Patel, A. (2021). Mixed convection in a two-sided and four-sided lid-driven square porous cavity. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 711-726. https://doi.org/10.18280/ijht.390305
581	Ayano, M.S.	Comparative Analysis MHD Bioconvective Flow of Micropolar Nanofluid in Porous Medium	gyrotactic microorganisms, hall current effect, radiation, nanofluid, porous medium, spectral method	39, 3, 727-736	https://doi.org/10.18280/ijht.390306	Ayano, M.S. (2021). Comparative analysis MHD bioconvective flow of micropolar nanofluid in porous medium. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 727-736. https://doi.org/10.18280/ijht.390306
582	Ata, A., Ozdemir, I.B.	Stability Characteristics of a Turbulent Nonpremixed Conical Bluff Body Flame	turbulent non-premixed flame, methane flame, conical bluff body, flame stability	39, 3, 737-745	https://doi.org/10.18280/ijht.390307	Ata, A., Ozdemir, I.B. (2021). Stability characteristics of a turbulent nonpremixed conical bluff body flame. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 737-745. https://doi.org/10.18280/ijht.390307
583	Liu, W.	Energy Consumption Analysis and Comprehensive Energy Efficiency Evaluation of Campus Central Heating System Based on Heat Supply Monitoring Platform	monitoring platform, campus central heating system, energy consumption analysis, energy efficiency evaluation	39, 3, 746-754	https://doi.org/10.18280/ijht.390308	Liu, W. (2021). Energy consumption analysis and comprehensive energy efficiency evaluation of campus central heating system based on heat supply monitoring platform. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 746-754. https://doi.org/10.18280/ijht.390308
584	Chitsazan, A., Klepp, G., Glasmacher, B., Pour, K.M.	Numerical Optimization of Drying Energy Consumption from Multiple Jets Impinging on a Moving Curved Surface	multiple jets, drying energy consumption, surface motion, surface curvature, CFD, optimization	39, 3, 755-762	https://doi.org/10.18280/ijht.390309	Chitsazan, A., Klepp, G., Glasmacher, B., Pour, K.M. (2021). Numerical optimization of drying energy consumption from multiple jets impinging on a moving curved surface. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 755-762. https://doi.org/10.18280/ijht.390309
585	Noumo, P.G., Njomo, D., Nana, K.Z., Nguewo, L.R.C.	Numerical Simulation of the Minimum Insulation Thickness to Thermally Design a Subsea Pipeline Carrying an Oil and Gas Flow	thermal insulation, two-phase flow, heat transfer, numerical simulation, temperature profile, pressure profile	39, 3, 763-774	https://doi.org/10.18280/ijht.390310	Noumo, P.G., Njomo, D., Nana, K.Z., Nguewo, L.R.C. (2021). Numerical simulation of the minimum insulation thickness to thermally design a subsea pipeline carrying an oil and gas flow. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 763-774. https://doi.org/10.18280/ijht.390310
586	Babu, A.B., Reddy, G.S.K., Koteswararao, N.V.	Nonlinear Magneto Convection in a Rotating Fluid due to Vertical Magnetic Field and Vertical Axis of Rotation	bifurcation points, secondary instabilities, heat transport, travelling and standing waves	39, 3, 775-786	https://doi.org/10.18280/ijht.390311	Babu, A.B., Reddy, G.S.K., Koteswararao, N.V. (2021). Nonlinear magneto convection in a rotating fluid due to vertical magnetic field and vertical axis of rotation. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 775-786. https://doi.org/10.18280/ijht.390311
587	Zhang, F.Q.	An Individual Household-Based Heating Metering and Charging Management System for Central Heating in Community Residential Buildings	central heating, metering based on individual household, heat sharing, hydraulic characteristics	39, 3, 787-796	https://doi.org/10.18280/ijht.390312	Zhang, F.Q. (2021). An individual household-based heating metering and charging management system for central heating in community residential buildings. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 787-796. https://doi.org/10.18280/ijht.390312
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589	Desa, W.N.M., Fudholi, A., Sudibyo, H., Pikra, G., Dewi, N.S., Asim, N., Subagio, D.G., Atmaja, T.D., Riyanto, E., Sanjaya, K.H., Kristiawan, M., Abimanyu, H.	Energy Analysis of Greenhouse Dryer for Ficus Carica L. Leaves	thermal energy, solar energy, solar drying, solar collector, thermal efficiency	39, 3, 810-816	https://doi.org/10.18280/ijht.390314	Desa, W.N.M., Fudholi, A., Sudibyo, H., Pikra, G., Dewi, N.S., Asim, N., Subagio, D.G., Atmaja, T.D., Riyanto, E., Sanjaya, K.H., Kristiawan, M., Abimanyu, H. (2021). Energy analysis of greenhouse dryer for Ficus carica L. leaves. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 810-816. https://doi.org/10.18280/ijht.390314
590	Jaddoa, A.A.	Convection Heat Transfer Analysis with Flow Resistance for Mini-Helically Coiled Tubes at Supercritical Pressures Experimentally	supercritical CO ₂ , helically coiled tube, exergy destruction, friction factor and pressure drop	39, 3, 817-824	https://doi.org/10.18280/ijht.390315	Jaddoa, A.A. (2021). Convection heat transfer analysis with flow resistance for mini-helically coiled tubes at supercritical pressures experimentally. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 817-824. https://doi.org/10.18280/ijht.390315
591	Yu, J., Sui, L.L., Xu, Y.R., Chi, B.M.	Fluctuation Characteristics of Water Level and Water Temperature of Huize Well Based on MF-DCCA	water level, water temperature, MF-DCCA	39, 3, 825-832	https://doi.org/10.18280/ijht.390316	Yu, J., Sui, L.L., Xu, Y.R., Chi, B.M. (2021). Fluctuation characteristics of water level and water temperature of Huize well based on MF-DCCA. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 825-832. https://doi.org/10.18280/ijht.390316
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593	Anurag, Yadav, S.L., Singh, A.K.	Influence of Heat Source/Sink on Free Convection in Annular Porous Region	fully developed flow, natural convection, source and sink, isothermal and constant heat flux, modified Bessel function	39, 3, 841-850	https://doi.org/10.18280/ijht.390318	Anurag, Yadav, S.L., Singh, A.K. (2021). Influence of heat source/sink on free convection in annular porous region. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 841-850. https://doi.org/10.18280/ijht.390318
594	Shakir, S.W., Ahmed, S.M.R., Wiheeb, A.D.	Improvement of CO ₂ Absorption/Desorption Rate Using New Nano-Fluid	alkanolamine blends, CO ₂ absorption capacity, desorption capacity, nano particles, improvement factor	39, 3, 851-857	https://doi.org/10.18280/ijht.390319	Shakir, S.W., Ahmed, S.M.R., Wiheeb, A.D. (2021). Improvement of CO ₂ absorption/desorption rate using new nano-fluid. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 851-857. https://doi.org/10.18280/ijht.390319
595	Basavaraju, S., Kaleru, A., Chintireddy, S.R.	Heat Transfer Analysis of Gas Turbine Blade by Varying Number of Cooling Holes and at Suitable Coolant Speeds Using CFD	turbine blade, internal cooling, cooling holes, Nusselt number, heat transfer coefficient, CFD simulation, FLUENT 14.5	39, 3, 858-866	https://doi.org/10.18280/ijht.390320	Basavaraju, S., Kaleru, A., Chintireddy, S.R. (2021). Heat transfer analysis of gas turbine blade by varying number of cooling holes and at suitable coolant speeds using CFD. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 858-866. https://doi.org/10.18280/ijht.390320

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597	Lawrence, J., Alagarsamy, V.K.	Fluid Flow and Heat Transfer Analysis of Quadratic Free Convection in a Nanofluid Filled Porous Cavity	non-linear convection, porous, nanofluid, cavity, magnetic, heatlines	39, 3, 876-884	https://doi.org/10.18280/ijht.390322	Lawrence, J., Alagarsamy, V.K. (2021). Fluid flow and heat transfer analysis of quadratic free convection in a nanofluid filled porous cavity. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 876-884. https://doi.org/10.18280/ijht.390322
598	Babu, D.H., Tarakaramu, N., Narayana, P.V.S., Sarojamma, G., Makinde, O.D.	MHD Flow and Heat Transfer of a Jeffrey Fluid over a Porous Stretching/Shrinking Sheet with a Convective Boundary Condition	Jeffrey fluid, convective boundary conditions, magneto-hydrodynamics (MHD), thermal radiation, numerical study	39, 3, 885-894	https://doi.org/10.18280/ijht.390323	Babu, D.H., Tarakaramu, N., Narayana, P.V.S., Sarojamma, G., Makinde, O.D. (2021). MHD flow and heat transfer of a Jeffrey fluid over a porous stretching/shrinking sheet with a convective boundary condition. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 885-894. https://doi.org/10.18280/ijht.390323
599	Kadhim, S.K., Al-Azawy, M.G., Ali, S.A.G., Kadhim, M.Q.	The Influence of Non-Newtonian Model on Properties of Blood Flow Through a Left Coronary Artery with Presence of Different Double Stenosis	left coronary artery, double stenosis, non-Newtonian flow, wall shear stress, computational fluid dynamics	39, 3, 895-905	https://doi.org/10.18280/ijht.390324	Kadhim, S.K., Al-Azawy, M.G., Ali, S.A.G., Kadhim, M.Q. (2021). The influence of non-Newtonian model on properties of blood flow through a left coronary artery with presence of different double stenosis. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 895-905. https://doi.org/10.18280/ijht.390324
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601	Kruthiventi, S.S., Rasu, N.G., Rao, Y.V.H.	Modelling and Parametric Analysis of Wire Finned Coiled Tube Heat Exchanger in a Small J-T Refrigerator	J-T refrigerator, wirefin, coiled tube heat exchanger, refrigerant mixture	39, 3, 913-918	https://doi.org/10.18280/ijht.390326	Kruthiventi, S.S., Rasu, N.G., Rao, Y.V.H. (2021). Modelling and parametric analysis of wire finned coiled tube heat exchanger in a small J-T refrigerator. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 913-918. https://doi.org/10.18280/ijht.390326
602	Qadiri, U., Pasha, A.A., Rahman, M.M., Raheem, M.A., Jameel, A.G.A., Pillai, S.N.	Parametric Investigation on Single Cylinder Spark Ignition Engine Fueled Methanol Blends; Water-Based Micro Emulsions and Conventional Gasoline	J-T refrigerator, wirefin, coiled tube heat exchanger, refrigerant mixture	39, 3, 919-924	https://doi.org/10.18280/ijht.390327	Qadiri, U., Pasha, A.A., Rahman, M.M., Raheem, M.A., Jameel, A.G.A., Pillai, S.N. (2021). Parametric investigation on single cylinder spark ignition engine fueled methanol blends; Water-based micro emulsions and conventional gasoline. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 919-924. https://doi.org/10.18280/ijht.390327
603	He, X., Ren, X., Zeng, F.J., Zhang, Y.D., Xin, Y., Chen, Q.H.	Influence of H ₂ O on Oxygen Enriched Diffusion Combustion of Natural Gas	O ₂ /H ₂ O combustion, numerical simulation, oxygen enrichment, temperature, pollutants	39, 3, 925-932	https://doi.org/10.18280/ijht.390328	He, X., Ren, X., Zeng, F.J., Zhang, Y.D., Xin, Y., Chen, Q.H. (2021). Influence of H ₂ O on oxygen enriched diffusion combustion of natural gas. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 925-932. https://doi.org/10.18280/ijht.390328
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609	Zhao, F., Li, X.W., Hou, J.L.	Simulation and Multi-Objective Optimization of the Vehicle Thermal Management System of Electric Cars	electric cars, vehicle thermal management (VTM), system simulation, multi-objective optimization	39, 3, 969-978	https://doi.org/10.18280/ijht.390334	Zhao, F., Li, X.W., Hou, J.L. (2021). Simulation and multi-objective optimization of the vehicle thermal management system of electric cars. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 969-978. https://doi.org/10.18280/ijht.390334
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611	Sapkal, N.P.	Experimental Investigations on the Ignition Delay Time of Freely Falling Liquid Fuel Droplets	ignition delay time, free falling droplets, hydrocarbons, viscosity, volatility, negative temperature coefficient	39, 3, 987-991	https://doi.org/10.18280/ijht.390336	Sapkal, N.P. (2021). Experimental investigations on the ignition delay time of freely falling liquid fuel droplets. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 987-991. https://doi.org/10.18280/ijht.390336
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614	Puranik, S.M., Ramarao, I., Ravikumar, S.K.	Effect of Heat Transfer on Newtonian Flow Between Concentric Elliptical Regions	conformal mapping, concentric ellipse, doubly connected region, heat transfer, Newtonian fluid	39, 3, 1015-1025	https://doi.org/10.18280/ijht.390339	Puranik, S.M., Ramarao, I., Ravikumar, S.K. (2021). Effect of heat transfer on Newtonian flow between concentric elliptical regions. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 1015-1025. https://doi.org/10.18280/ijht.390339
615	Liu, Y.J.	Systematic Renovation Design of Surface Water Source Heat Pump for a Hot Spring Center Based on Thermodynamic Analysis	surface water, water source heat pump (WSHP), system optimization, renovation design, exergy analysis of WSHP system	39, 3, 1026-1036	https://doi.org/10.18280/ijht.390340	Liu, Y.J. (2021). Systematic renovation design of surface water source heat pump for a hot spring center based on thermodynamic analysis. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 1026-1036. https://doi.org/10.18280/ijht.390340
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700	Pasha, K.M.K., El-Fawal, M.M.	Investigating the economical performance of four suggested designs for the heat exchangers	heat exchanger, energy economy, Nusselt, pressure losses, passage pattern	38, 4, 863-870	https://doi.org/10.18280/ijht.380412	Pasha, K.M.K., El-Fawal, M.M. (2020). Investigating the economical performance of four suggested designs for the heat exchangers. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 863-870. https://doi.org/10.18280/ijht.380412
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702	Tahsini, A.M.	Proton exchange membrane fuel cells: Geometric scaling and similarity conditions	geometric scaling, numerical simulation, PEM fuel cell, polarization curve, similarity condition	38, 4, 880-886	https://doi.org/10.18280/ijht.380414	Tahsini, A.M. (2020). Proton exchange membrane fuel cells: Geometric scaling and similarity conditions. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 880-886. https://doi.org/10.18280/ijht.380414
703	Badiger, S., Katti, V.V., Tumkur, A.R.	Heat transfer characteristics of a coaxial inverse diffusion flame jet impingement with an induced swirl	coaxial tube burner, distribution of heat flux, inverse diffusion flame, twisted tape, thermal imager	38, 4, 887-894	https://doi.org/10.18280/ijht.380415	Badiger, S., Katti, V.V., Tumkur, A.R. (2020). Heat transfer characteristics of a coaxial inverse diffusion flame jet impingement with an induced swirl. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 887-894. https://doi.org/10.18280/ijht.380415
704	Pandiaraj, S., Ayyasamy, T., Govindasamy, K.	Heat transfer augmentation using water-in-glass evacuated tube coupled with parabolic trough in rack dryer in the drying of capsicum frutescens	solar rack dryer, capsicum frutescens, evacuated tube, passive heating, exergy	38, 4, 895-902	https://doi.org/10.18280/ijht.380416	Pandiaraj, S., Ayyasamy, T., Govindasamy, K. (2020). Heat transfer augmentation using water-in-glass evacuated tube coupled with parabolic trough in rack dryer in the drying of capsicum frutescens. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 895-902. https://doi.org/10.18280/ijht.380416
705	Guo, A., Liu, Z.R.	A new method for energy efficiency design of building facade and its thermodynamic evaluation	building facade, energy efficiency design, thermodynamic evaluation	38, 4, 903-913	https://doi.org/10.18280/ijht.380417	Guo, A., Liu, Z.R. (2020). A new method for energy efficiency design of building facade and its thermodynamic evaluation. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 903-913. https://doi.org/10.18280/ijht.380417
706	Moosavi, R., Golabi, M.	Optimization of the exhibition building form based on the solar energy absorption	energy optimization, exhibition, building form, cold & mountain climate, hot & dry climate, solar energy	38, 4, 914-924	https://doi.org/10.18280/ijht.380418	Moosavi, R., Golabi, M. (2020). Optimization of the exhibition building form based on the solar energy absorption. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 914-924. https://doi.org/10.18280/ijht.380418
707	Abdulrahman, R.S., Ibrahim, F.A., Faisal, S.H.	Numerical study of heat transfer and exergy analysis of shell and double tube heat exchanger	double tube heat exchanger, baffles, turbulent flow, exergy analysis, CFD	38, 4, 925-932	https://doi.org/10.18280/ijht.380419	Abdulrahman, R.S., Ibrahim, F.A., Faisal, S.H. (2020). Numerical study of heat transfer and exergy analysis of shell and double tube heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 925-932. https://doi.org/10.18280/ijht.380419
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709	Elgandelwar, A.M., Jha, R.S., Lele, M.M.	Steady state two-phase flow analysis of natural circulation in hybrid boiler	natural circulation, two-phase flow, flow distribution, pressure drop, void fraction, circulation ratio, hybrid boiler	38, 4, 941-948	https://doi.org/10.18280/ijht.380421	Elgandelwar, A.M., Jha, R.S., Lele, M.M. (2020). Steady state two-phase flow analysis of natural circulation in hybrid boiler. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 941-948. https://doi.org/10.18280/ijht.380421
710	Nagisetty, B.G., Venkata, S.H.P.	Sequential procedure for improving the efficiency of CI engine by using artificial neural networks	neural networks, MATLAB, Emissions, CI Engines, inlet manifolds	38, 4, 949-959	https://doi.org/10.18280/ijht.380422	Nagisetty, B.G., Venkata, S.H.P. (2020). Sequential procedure for improving the efficiency of CI engine by using artificial neural networks. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 949-959. https://doi.org/10.18280/ijht.380422
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713	Mutani, G., Todeschi, V., Pastorelli, M.	Thermal-electrical analogy for dynamic urban-scale energy modeling	building energy balance, hourly model, residential buildings, urban scale, urban variables, thermal-electrical analogy, place-based analysis	38, 3, 571-582	https://doi.org/10.18280/ijht.380301	Mutani, G., Todeschi, V., Pastorelli, M. (2020). Thermal-electrical analogy for dynamic urban-scale energy modeling. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 571-582. https://doi.org/10.18280/ijht.380301
714	Campagnoli, E., Giaretto, V.	Experimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to -60°C	water-agar gel, experimental investigation, thermal conductivity, thermal diffusivity, cryoablation	38, 3, 583-589	https://doi.org/10.18280/ijht.380302	Campagnoli, E., Giaretto, V. (2020). Experimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to -60°C. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 583-589. https://doi.org/10.18280/ijht.380302

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716	Chitsazan, A., Glasmacher, B.	Numerical investigation of heat transfer and pressure force from multiple jets impinging on a moving flat surface	jet impingement, heat transfer, pressure force, multiple rows, jet angle, surface motion	38, 3, 601-610	https://doi.org/10.18280/ijht.380304	Chitsazan, A., Glasmacher, B. (2020). Numerical investigation of heat transfer and pressure force from multiple jets impinging on a moving flat surface. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 601-610. https://doi.org/10.18280/ijht.380304
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718	Dubrovsky, V.V., Shraiber, A.A.	Heat exchange between air and a liquid film flowing down along a profiled surface	profiled surface, spherical dimples, heat exchange, relative velocity, degree of cooling	38, 3, 622-628	https://doi.org/10.18280/ijht.380306	Dubrovsky, V.V., Shraiber, A.A. (2020). Heat exchange between air and a liquid film flowing down along a profiled surface. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 622-628. https://doi.org/10.18280/ijht.380306
719	Majhool, A.A.A.K., Jasim, N.M.	Prediction of the initial drop size and velocity distribution in the cold cryogenic spray	spray modeling, liquid cryogenic spray, probability density function, maximum entropy method, droplet velocity	38, 3, 629-640	https://doi.org/10.18280/ijht.380307	Majhool, A.A.A.K., Jasim, N.M. (2020). Prediction of the initial drop size and velocity distribution in the cold cryogenic spray. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 629-640. https://doi.org/10.18280/ijht.380307
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721	Guan, Y., Li, M.H., Cui, H.J.	Numerical simulation and field synergy analysis of IGBT air-cooled heat exchanger for EMUs	air-cooled heat exchanger (ACHE), CFD, turbulent kinetic energy, field synergy	38, 3, 650-658	https://doi.org/10.18280/ijht.380309	Guan, Y., Li, M.H., Cui, H.J. (2020). Numerical simulation and field synergy analysis of IGBT air-cooled heat exchanger for EMUs. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 650-658. https://doi.org/10.18280/ijht.380309
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724	Rashed, A., Nasr, E.H., Kassem, M.M.	Boundary layer analysis adjacent to moving heated plate inside electrically conducting fluid with heat source/sink	electrically conducting fluids, group method, magnetic parameter, Prandtl number	38, 3, 682-688	https://doi.org/10.18280/ijht.380312	Rashed, A., Nasr, E.H., Kassem, M.M. (2020). Boundary layer analysis adjacent to moving heated plate inside electrically conducting fluid with heat source/sink. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 682-688. https://doi.org/10.18280/ijht.380312
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731	Ozturk, S.	A numerical investigation on emissions of partially premixed shale gas combustion	adiabatic, combustion, emissions, partially premixed, turbulent, shale gas	38, 3, 745-751	https://doi.org/10.18280/ijht.380319	Ozturk, S. (2020). A numerical investigation on emissions of partially premixed shale gas combustion. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 745-751. https://doi.org/10.18280/ijht.380319

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734	Enayati, H.	Effect of reactor size in a laterally-heated cylindrical reactor	fluid flows, LES simulations, crystal growth, natural convection, 3D cylindrical reactor, CFD, Buoyancy	38, 2, 275-284	https://doi.org/10.18280/ijht.380201	Enayati, H. (2020). Effect of reactor size in a laterally-heated cylindrical reactor. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 275-284. https://doi.org/10.18280/ijht.380201
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745	Yang, G.L.	Simulation of the dynamic characteristics of high-speed waterjet using SIMULINK	waterjet cutting machine (WCM), pressurization system, dynamic characteristics, simulation, SIMULINK	38, 2, 371-376	https://doi.org/10.18280/ijht.380212	Yang, G.L. (2020). Simulation of the dynamic characteristics of high-speed waterjet using SIMULINK. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 371-376. https://doi.org/10.18280/ijht.380212
746	Davoudi, A., Niazi, S., Bakhsan, Y., Khorshidi, J.	Magnetohydrodynamic flow and heat transfer of TiO ₂ -H ₂ O nanofluid over nonlinear stretching sheet under the effects of nanoparticle diameter	TiO ₂ -H ₂ O nanofluid, MHD flow, heat transfer, nonlinear stretching sheet, Optimal Homotopy Asymptotic Method	38, 2, 377-385	https://doi.org/10.18280/ijht.380213	Davoudi, A., Niazi, S., Bakhsan, Y., Khorshidi, J. (2020). Magnetohydrodynamic flow and heat transfer of TiO ₂ -H ₂ O nanofluid over nonlinear stretching sheet under the effects of nanoparticle diameter. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 377-385. https://doi.org/10.18280/ijht.380213
747	Domakonda, V.K., Shaik, F.	Natural convection characteristics of copper-water nano fluid with two heat sources at the bottom surface in a square enclosure-a numerical study	Nusselt number, nanofluid, Rayleigh number, nanoparticles volume fraction	38, 2, 386-394	https://doi.org/10.18280/ijht.380214	Domakonda, V.K., Shaik, F. (2020). Natural convection characteristics of copper-water nano fluid with two heat sources at the bottom surface in a square enclosure-a numerical study. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 386-394. https://doi.org/10.18280/ijht.380214
748	Ahmad, S., Ashraf, M., Ali, K.	Heat and mass transfer flow of gyrotactic microorganisms and nanoparticles through a porous medium	nanofluids, gyrotactic microbes, heat generation, chemical reaction, porous media	38, 2, 395-402	https://doi.org/10.18280/ijht.380215	Ahmad, S., Ashraf, M., Ali, K. (2020). Heat and mass transfer flow of gyrotactic microorganisms and nanoparticles through a porous medium. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 395-402. https://doi.org/10.18280/ijht.380215

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757	Majdi, H.S., Ali, F.A.M.A., Habeeb, L.J.	The rooms air conditioning by cooling the conventional water tank using hot summer air and solar energy	evaporative cooling, heat and mass transfer, house water tanks, test room	38, 2, 472-478	https://doi.org/10.18280/ijht.380224	Majdi, H.S., Ali, F.A.M.A., Habeeb, L.J. (2020). The rooms air conditioning by cooling the conventional water tank using hot summer air and solar energy. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 472-478. https://doi.org/10.18280/ijht.380224
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760	Zhao, Q.M., Chen, S., Sun, H., Wang, Y.	Blast load on honeycomb rigid wall	honeycomb-section, blast load prediction, blast experiment, numerical simulation	38, 2, 499-506	https://doi.org/10.18280/ijht.380227	Zhao, Q.M., Chen, S., Sun, H., Wang, Y. (2020). Blast load on honeycomb rigid wall. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 2, pp. 499-506. https://doi.org/10.18280/ijht.380227
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791	Salehi, N., Lavasani, A.M., Mehdipour, R.	Effect of tube number on critical heat flux and thermal performance in linear Fresnel collector based on direct steam generation	analysis of heat transfer, linear Fresnel concentrator, direct steam generation, critical heat flux	38, 1, 223-230	https://doi.org/10.18280/ijht.380124	Salehi, N., Lavasani, A.M., Mehdipour, R. (2020). Effect of tube number on critical heat flux and thermal performance in linear Fresnel collector based on direct steam generation. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 1, pp. 223-230. https://doi.org/10.18280/ijht.380124
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795	Nwoye, C.F., Otamiri, C.H.	Numerical investigation of thermofluid performance of a regenerator relative to the matrix geometry	CFD, convective heat transfer, regenerator, matrix geometry, pressure losses, Stirling engine, friction coefficient	38, 1, 260-268	https://doi.org/10.18280/ijht.380128	Nwoye, C.F., Otamiri, C.H. (2020). Numerical investigation of thermofluid performance of a regenerator relative to the matrix geometry. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 1, pp. 260-268. https://doi.org/10.18280/ijht.380128
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801	Solmaz, S., Kerpici, H., Cadirci, S.	Investigation of mechanical effects on heat pump evaporator to accelerate water drainage	atmospheric water generator, heat pump unit, condensation, actuator-induced vibration, mechanical impact, computational fluid dynamics	37, 4, 966-974	https://doi.org/10.18280/ijht.370405	Solmaz, S., Kerpici, H., Cadirci, S. (2019). Investigation of mechanical effects on heat pump evaporator to accelerate water drainage. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 966-974. https://doi.org/10.18280/ijht.370405
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815	Youcef, Y., Bariza, Z., Houcine, M., Hocine, B.	Three-dimensional numerical study of the anode supported intermediate temperature solid oxide fuel cell overheating	AS-IT-SOFC, heating, concentration source, activation source, electrochemical source, ohmic source	37, 4, 1099-1106	https://doi.org/10.18280/ijht.370419	Youcef, Y., Bariza, Z., Houcine, M., Hocine, B. (2019). Three-dimensional numerical study of the anode supported intermediate temperature solid oxide fuel cell overheating. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1099-1106. https://doi.org/10.18280/ijht.370419
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917	Campo, A.	Comparison between approximate and exact analytical heat conduction rates in struts of rectangular profile	strut of rectangular profile, two-dimensional heat conduction, transverse biot number, slenderness ratio, temperature distribution, heat transfer rate, exact infinite series, approximate one term series	37, 1, 197-202	https://doi.org/10.18280/ijht.370124	Campo, A. (2019). Comparison between approximate and exact analytical heat conduction rates in struts of rectangular profile. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 197-202. https://doi.org/10.18280/ijht.370124
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920	Tamene, Y., Serir, L.	Thermal and economic study on building external walls for improving energy efficiency	economical study, energy efficiency, multi-layer wall, thermal insulation	37, 1, 219-228	https://doi.org/10.18280/ijht.370127	Tamene, Y., Serir, L. (2019). Thermal and economic study on building external walls for improving energy efficiency. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 219-228. https://doi.org/10.18280/ijht.370127
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929	Prommas, R., Phiraphat, S., Rattanadecho, P.	Energy and exergy analyses of PV Roof solar collector	exergy analysis, PV roof solar collector, natural ventilated PV RSC, air flow	37, 1, 303-312	https://doi.org/10.18280/ijht.370136	Prommas, R., Phiraphat, S., Rattanadecho, P. (2019). Energy and exergy analyses of PV Roof solar collector. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 303-312. https://doi.org/10.18280/ijht.370136
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932	Al-Hemyari, M., Hamdan, M.O., Orhan, M.F.	Numerical analysis of film cooling shield formed by confined jet discharging on a flat plate	film cooling, blade thermal conductivity, adiabatic film effectiveness, centrifugal force	37, 1, 327-333	https://doi.org/10.18280/ijht.370139	Al-Hemyari, M., Hamdan, M.O., Orhan, M.F. (2019). Numerical analysis of film cooling shield formed by confined jet discharging on a flat plate. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 327-333. https://doi.org/10.18280/ijht.370139
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990	Zhan, N.Y., Gao, Z., Deng, Y.F.	Diffusion of vehicle exhaust pollutants in typical street canyons	computational fluid dynamics (CFD), street canyon, vortex, pollutant concentration	36, 3, 835-839	https://doi.org/10.18280/ijht.360308	Zhan, N.Y., Gao, Z., Deng, Y.F. (2018). Diffusion of vehicle exhaust pollutants in typical street canyons. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 835-839. https://doi.org/10.18280/ijht.360308
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995	Ingole S.B., Sundaram K.K.	Investigation of maximum Nusselt number with inclined and non-confined offset jet impingement cooling	convective cooling, maximum nusselt number, inclined jet, nonconfined jet, offset jet	36, 3, 869-876	https://doi.org/10.18280/ijht.360313	Ingole, S.B., Sundaram, K.K. (2018). Investigation of maximum Nusselt number with inclined and non-confined offset jet impingement cooling. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 869-876. https://doi.org/10.18280/ijht.360313
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997	Mehrabi S., Kheradmand S., Farivar O.R.	Numerical simulation of thermal and hydraulic performance of a micro plate-pin fin heat sink	heat sink, hydraulic performance, thermal performance, numerical simulation	36, 3, 883-894	https://doi.org/10.18280/ijht.360315	Mehrabi, S., Kheradmand, S., Farivar, O.R. (2018). Numerical simulation of thermal and hydraulic performance of a micro plate-pin fin heat sink. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 883-894. https://doi.org/10.18280/ijht.360315
998	Li H., Wang X.H., Li W.Y., Yin B.Q., Xu Y.	Impact of energy storage system on the point of common coupling of the distribution network containing photovoltaic plant	Photovoltaic/Energy Storage (PV/ES) System, real time digital simulator (RTDS), point of common coupling (PCC), temperature, effective voltage	36, 3, 895-903	https://doi.org/10.18280/ijht.360316	Li, H., Wang, X.H., Li, W.Y., Yin, B.Q., Xu, Y. (2018). Impact of energy storage system on the point of common coupling of the distribution network containing photovoltaic plant. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 895-903. https://doi.org/10.18280/ijht.360316
999	Ghasemkhani A., Farahat S., Naserian M.M.	Thermodynamic investigation and optimization Tri-generation system for the provision of power, heating, and cooling: A case study of Zahedan, Iran	exergy analysis, kalina cycle, trigeneration, solar energy, finite time thermodynamics	36, 3, 904-912	https://doi.org/10.18280/ijht.360317	Ghasemkhani, A., Farahat, S., Naserian, M.M. (2018). Thermodynamic investigation and optimization Tri-generation system for the provision of power, heating, and cooling: A case study of Zahedan, Iran. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 904-912. https://doi.org/10.18280/ijht.360317
1000	Tian F., Cao W.D., Dai X.L., Ou M.X.	Flow characteristics of the new type of mixer in wastewater treatment	new type of mixer, CFD, flow filed, simulation, fluid dynamics	36, 3, 913-918	https://doi.org/10.18280/ijht.360318	Tian, F., Cao, W.D., Dai, X.L., Ou, M.X. (2018). Flow characteristics of the new type of mixer in wastewater treatment. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 913-918. https://doi.org/10.18280/ijht.360318
1001	Benlekkam M.L., Nehari D., Madani H.I.	The thermal impact of the fin tilt angle and its orientation on performance of PV cell using PCM	phase change material, latent heat, thermal regulation, photovoltaic cell, PV cooling	36, 3, 919-926	https://doi.org/10.18280/ijht.360319	Benlekkam, M.L., Nehari, D., Madani, H.I. (2018). The thermal impact of the fin tilt angle and its orientation on performance of PV cell using PCM. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 919-926. https://doi.org/10.18280/ijht.360319
1002	Yang P.Y., Wu X.E., Chen J.H.	Elastic and plastic-flow damage constitutive model of rock based on conventional triaxial compression test	rock, damage mechanics, strain softening, brittleness, plastic flow, dilatancy	36, 3, 927-935	https://doi.org/10.18280/ijht.360320	Yang, P.Y., Wu, X.E., Chen, J.H. (2018). Elastic and plastic-flow damage constitutive model of rock based on conventional triaxial compression test. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 927-935. https://doi.org/10.18280/ijht.360320
1003	Arifuzzaman S.M., Mehedi F.U., Al-Mamun A., Biswas P., Islam R., Khan S.	Magnetohydrodynamic micropolar fluid flow in presence of nanoparticles through porous plate: A numerical study	micropolar fluid, nanoparticles, radiation absorption, chemical reaction, thermal radiation, stability and convergence analysis	36, 3, 936-948	https://doi.org/10.18280/ijht.360321	Arifuzzaman, S.M., Mehedi, F.U., Al-Mamun, A., Biswas, P., Islam, R., Khan, S. (2018). Magnetohydrodynamic micropolar fluid flow in presence of nanoparticles through porous plate: A numerical study. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 936-948. https://doi.org/10.18280/ijht.360321

1004	Zhong R.C., Peng Z.B., Jiang H.D.	Mechanism of heat transfer for gas-liquid two-phase flow in deep drilling	drilling fluid, density, rheology, heat transfer mechanism, gas-liquid twophase	36, 3, 949-954	https://doi.org/10.18280/ijht.360322	Zhong, R.C., Peng, Z.B., Jiang, H.D. (2018). Mechanism of heat transfer for gas-liquid two-phase flow in deep drilling. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 949-954. https://doi.org/10.18280/ijht.360322
1005	Warkhade G.S., Babu A.V.	Impact of supercharging and compression ratio on performance characteristics in a single cylinder DICl engine	compression ignition engine, biodiesel, combustion, linum usitatissimum, performance, supercharging	36, 3, 955-961	https://doi.org/10.18280/ijht.360323	Warkhade, G.S., Babu, A.V. (2018). Impact of supercharging and compression ratio on performance characteristics in a single cylinder DICl engine. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 955-961. https://doi.org/10.18280/ijht.360323
1006	Tu J.Z., Ma D.L.	A spatial economics perspective on convergence research of carbon emissions performance in China	carbon emissions performance, convergence, spatial economics, China	36, 3, 962-972	https://doi.org/10.18280/ijht.360324	Tu, J.Z., Ma, D.L. (2018). A spatial economics perspective on convergence research of carbon emissions performance in China. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 962-972. https://doi.org/10.18280/ijht.360324
1007	Bal S., Mishra P.C., Satapathy A.K.	Optimization of spray parameters for effective microchannel cooling using surface response methodology	heat transfer, microchannel cooling, optimization, response surface method, spray impingement	36, 3, 973-980	https://doi.org/10.18280/ijht.360325	Bal, S., Mishra, P.C., Satapathy, A.K. (2018). Optimization of spray parameters for effective microchannel cooling using surface response methodology. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 973-980. https://doi.org/10.18280/ijht.360325
1008	Zheng M.G., Zhang Y.K., Shi L.	Research on selective non-catalytic NOx reduction (SNCR) for diesel engine	40% methylamine aqueous solution, selective non-catalytic reduction (SNCR), NO, numerical simulation	36, 3, 981-986	https://doi.org/10.18280/ijht.360326	Zheng, M.G., Zhang, Y.K., Shi, L. (2018). Research on selective non-catalytic NOx reduction (SNCR) for diesel engine. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 981-986. https://doi.org/10.18280/ijht.360326
1009	Sharma B., Kumar S., Paswan M.K.	Analytical solution for mixed convection and MHD flow of electrically conducting non-Newtonian nanofluid with different nanoparticles: A comparative study	homotopy analysis method (HAM), magnetic parameter, MHD flow, nanofluid, ordinary differential equation (ODE) sodium alginate	36, 3, 987-996	https://doi.org/10.18280/ijht.360327	Sharma, B., Kumar, S., Paswan, M.K. (2018). Analytical solution for mixed convection and MHD flow of electrically conducting non-Newtonian nanofluid with different nanoparticles: A comparative study. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 987-996. https://doi.org/10.18280/ijht.360327
1010	Wang F., Shui A.S., Zeng L.B.	Leak detection method for bottom plate of oil tank based on oil/gas leak detection	Oil/Gas leak detection, fuzzy evaluation, Oil/gas collection	36, 3, 997-1004	https://doi.org/10.18280/ijht.360328	Wang, F., Shui, A.S., Zeng, L.B. (2018). Leak detection method for bottom plate of oil tank based on oil/gas leak detection. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 997-1004. https://doi.org/10.18280/ijht.360328
1011	Bishnoi P., Sinha M.K.	Influence of the wettability nature of the nozzle wall on the dynamics of drop formation	contact angle, drop formation, volume of fluid, wettability	36, 3, 1005-1009	https://doi.org/10.18280/ijht.360329	Bishnoi, P., Sinha, M.K. (2018). Influence of the wettability nature of the nozzle wall on the dynamics of drop formation. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1005-1009. https://doi.org/10.18280/ijht.360329
1012	Yu J.L., Qu C.G., Wang X.	Experimental study on flow distribution in micro backflow combustor	flow distribution, backflow combustor, plugging method, thermistor, micro jet engine	36, 3, 1010-1014	https://doi.org/10.18280/ijht.360330	Yu, J.L., Qu, C.G., Wang, X. (2018). Experimental study on flow distribution in micro backflow combustor. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1010-1014. https://doi.org/10.18280/ijht.360330
1013	Das M., Mahatha B.K., Nandkeolyar R., Sarkar S.	Double-diffusive mixed convection flow towards a convectively heated stretching sheet with nonlinear thermal radiation	mixed convection, nanofluid flow, nonlinear thermal radiation, convective heat transfer partial slip, brownian motion, thermophoresis	36, 3, 1015-1024	https://doi.org/10.18280/ijht.360331	Das, M., Mahatha, B.K., Nandkeolyar, R., Sarkar, S. (2018). Double-diffusive mixed convection flow towards a convectively heated stretching sheet with nonlinear thermal radiation. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1015-1024. https://doi.org/10.18280/ijht.360331
1014	Zhang Y.X., Zhang Y.L.	Characteristics analysis of mechanical seal face based on thermo-hydrodynamic effect	thermo-hydrodynamic effect, mechanical seal, face characteristics, heat transfer characteristic	36, 3, 1025-1030	https://doi.org/10.18280/ijht.360332	Zhang, Y.X., Zhang, Y.L. (2018). Characteristics analysis of mechanical seal face based on thermo-hydrodynamic effect. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1025-1030. https://doi.org/10.18280/ijht.360332
1015	Allesina G., Cingi P., Gessani G., Angeli D.	Exploratory modeling and experimental investigation of a vibrating-stripe wind energy converter	windbelt, fluttering, modeling, wind energy	36, 3, 1031-1036	https://doi.org/10.18280/ijht.360333	Allesina, G., Cingi, P., Gessani, G., Angeli, D. (2018). Exploratory modeling and experimental investigation of a vibrating-stripe wind energy converter. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1031-1036. https://doi.org/10.18280/ijht.360333
1016	Lv S.J., Gao F., Li C.G.	Numerical simulation of 3D turbulent bend flow based on unstructured grids	continuous bands, 3D water flow, unstructured grids, finite-volume method, numerical simulation	36, 3, 1037-1046	https://doi.org/10.18280/ijht.360334	Lv, S.J., Gao, F., Li, C.G. (2018). Numerical simulation of 3D turbulent bend flow based on unstructured grids. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1037-1046. https://doi.org/10.18280/ijht.360334
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1018	Wei Y., Wang L., Yang G.S.	Temperature field distribution of a freeze sinking shaft under seepage conditions in cretaceous formation of Western China	artificial freezing, temperature field, seepage, closure	36, 3, 1055-1060	https://doi.org/10.18280/ijht.360336	Wei, Y., Wang, L., Yang, G.S. (2018). Temperature field distribution of a freeze sinking shaft under seepage conditions in cretaceous formation of Western China. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1055-1060. https://doi.org/10.18280/ijht.360336
1019	Akbari E., Karami A.M., Ashjaee M.	Modeling the free convection in an open round cavity using a hybrid approach of Jaya optimization algorithm and neural network	free convection, jaya-based neural network, hybrid model, mach-zehnder interferometer, open round cavity	36, 3, 1061-1069	https://doi.org/10.18280/ijht.360337	Akbari, E., Karami, A.M., Ashjaee, M. (2018). Modeling the free convection in an open round cavity using a hybrid approach of Jaya optimization algorithm and neural network. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1061-1069. https://doi.org/10.18280/ijht.360337
1020	Guelailia A., Khorsi A., Boudjemai A., Wang J.	Thermal protection of rocket nozzle by using film cooling technology - effect of lateral curvature	computational fluid dynamics, heat and mass transfer, thermal protection, rocket nozzle, film cooling, propulsion	36, 3, 1070-1074	https://doi.org/10.18280/ijht.360338	Guelailia, A., Khorsi, A., Boudjemai, A., Wang, J. (2018). Thermal protection of rocket nozzle by using film cooling technology - effect of lateral curvature. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1070-1074. https://doi.org/10.18280/ijht.360338

1021	Zhang X.X.	Modelling of the thermal conductivity in cold chain logistics based on micro-PCMs	thermal conductivity, micro-PCMs, fractal theory, thermally conductive fluid	36, 3, 1075-1080	https://doi.org/10.18280/ijht.360339	Zhang, X.X. (2018). Modelling of the thermal conductivity in cold chain logistics based on micro-PCMs. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1075-1080. https://doi.org/10.18280/ijht.360339
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1023	Zhou B., Wang H.Y., Wang X.D., Ji J.H.	Permeability and stability of soilbags in slope protection structures	soilbag, filtration characteristic, permeability coefficient, gradient ratio, seepage pressure	36, 3, 1094-1100	https://doi.org/10.18280/ijht.360341	Zhou, B., Wang, H.Y., Wang, X.D., Ji, J.H. (2018). Permeability and stability of soilbags in slope protection structures. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1094-1100. https://doi.org/10.18280/ijht.360341
1024	Asfar J.A., Alkhali S., Sakhrieh A., Al-Domeri H.	2-D numerical modeling of flame behavior under electric field effect	combustion simulation, electric field effect, ionic species, fluent software, premixed combustion stability	36, 3, 1101-1106	https://doi.org/10.18280/ijht.360342	Asfar, J.A., Alkhali, S., Sakhrieh, A., Al-Domeri, H. (2018). 2-D numerical modeling of flame behavior under electric field effect. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1101-1106. https://doi.org/10.18280/ijht.360342
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1027	Gorantla K.K., Shaik S., Setty A.B.T.P.R.	Day lighting and thermal analysis using various double reflective window glasses for green energy buildings	spectral characteristics, visible optical properties, solar optical properties and double gold reflective glass window	36, 3, 1121-1129	https://doi.org/10.18280/ijht.360345	Gorantla, K.K., Shaik, S., Setty, A.B.T.P.R. (2018). Day lighting and thermal analysis using various double reflective window glasses for green energy buildings. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1121-1129. https://doi.org/10.18280/ijht.360345
1028	Xu C.D., Wang R.R., Liu H., Zhang R., Wang M.Y., Wang Y.	Flow pattern and anti-silt measures of straight-edge forebay in large pump stations	forebay of pump station, silt accumulation, numerical simulation, trapezoid diversion pier, 45° pressure plate	36, 3, 1130-1139	https://doi.org/10.18280/ijht.360346	Xu, C.D., Wang, R.R., Liu, H., Zhang, R., Wang, M.Y., Wang, Y. (2018). Flow pattern and anti-silt measures of straight-edge forebay in large pump stations. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1130-1139. https://doi.org/10.18280/ijht.360346
1029	Khoualdi T., Rouabah M.S., Bouraoui M., Abidi-Saad A., Polidori G.	Free convection heat transfer in an inclined channel asymmetrically heated in laminar regime	natural convection, asymmetric heating, inclined channel, Pv panels, roof-top DSF	36, 3, 1140-1147	https://doi.org/10.18280/ijht.360347	Khoualdi, T., Rouabah, M.S., Bouraoui, M., Abidi-Saad, A., Polidori, G. (2018). Free convection heat transfer in an inclined channel asymmetrically heated in laminar regime. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1140-1147. https://doi.org/10.18280/ijht.360347
1030	Guo Q.J., Qi X.N., Yin Q., Qu X.H.	VOF simulation studies on binary seawater droplets collision	adaptive mesh, droplet collision, seawater, VOF method	36, 3, 1148-1153	https://doi.org/10.18280/ijht.360348	Guo, Q.J., Qi, X.N., Yin, Q., Qu, X.H. (2018). VOF simulation studies on binary seawater droplets collision. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1148-1153. https://doi.org/10.18280/ijht.360348
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1034	Zhang R.L.	Measurement and correlation of excess molar enthalpies and vapor-liquid equilibria for alkanolamine-water system	alkanolamines, vapor-liquid equilibria, NRT equations, measurement and correlation	36, 2, 406-410	https://doi.org/10.18280/ijht.360204	Zhang, R.L. (2018). Measurement and correlation of excess molar enthalpies and vapor-liquid equilibria for alkanolamine-water system. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 406-410. https://doi.org/10.18280/ijht.360204
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1037	Li M.Q., Yang K., Zhao J.F., Luo J.B., Li N.	One-way fluid-solid coupling analysis of subsurface safety valve plate	subsurface safety valve, fluid-solid coupling, opening resistance, resistance torque	36, 2, 433-438	https://doi.org/10.18280/ijht.360207	Li, M.Q., Yang, K., Zhao, J.F., Luo, J.B., Li, N. (2018). One-way fluid-solid coupling analysis of subsurface safety valve plate. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 433-438. https://doi.org/10.18280/ijht.360207

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1039	Doghmi H., Abourida B., Belarche L., Sannad M., Ouzaouit M.	Numerical study of mixed convection inside a three-dimensional ventilated cavity in the presence of an isothermal heating block	mixed convection, ventilated cavity, heated block, three-dimensional, numerical study	36, 2, 447-456	https://doi.org/10.18280/ijht.360209	Doghmi, H., Abourida, B., Belarche, L., Sannad, M., Ouzaouit, M. (2018). Numerical study of mixed convection inside a three-dimensional ventilated cavity in the presence of an isothermal heating block. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 447-456. https://doi.org/10.18280/ijht.360209
1040	Cai N., Zhang D.L., Huang C.	A study on stratified air conditioning cooling load calculation model for a large space building	calculation model, stratified air conditioning, cooling load, large space building	36, 2, 457-462	https://doi.org/10.18280/ijht.360210	Cai, N., Zhang, D.L., Huang, C. (2018). A study on stratified air conditioning cooling load calculation model for a large space building. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 457-462. https://doi.org/10.18280/ijht.360210
1041	Kouider M., Dominique S., Djalle Z., Abdelkader Y.	Effects of the dimple geometry on the isothermal performance of a hydrodynamic textured tiltingpad thrust bearing	dimple geometry, hydrodynamic lubrication, pressure distribution, tiltingpad thrust bearings	36, 2, 463-472	https://doi.org/10.18280/ijht.360211	Kouider, M., Dominique, S., Djalle, Z., Abdelkader, Y. (2018). Effects of the dimple geometry on the isothermal performance of a hydrodynamic textured tiltingpad thrust bearing. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 463-472. https://doi.org/10.18280/ijht.360211
1042	Kamran M.	Heat source/sink and Newtonian heating effects on convective micropolar fluid flow over a stretching/shrinking sheet with slip flow model	micropolar fluid, stretching/shrinking sheet, slip flow model, Newtonian heating	36, 2, 473-482	https://doi.org/10.18280/ijht.360212	Kamran, M. (2018). Heat source/sink and Newtonian heating effects on convective micropolar fluid flow over a stretching/shrinking sheet with slip flow model. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 473-482. https://doi.org/10.18280/ijht.360212
1043	Fu X.G., Tang Z.H., Lv W.B., Wang X.M., Yan B.Z.	Exploitation potential of groundwater in Yangzhuang Basin, China under recharge enhancement	Yangzhuang basin, karst groundwater system, recharge enhancement, numerical simulation, exploitation potential	36, 2, 483-493	https://doi.org/10.18280/ijht.360213	Fu, X.G., Tang, Z.H., Lv, W.B., Wang, X.M., Yan, B.Z. (2018). Exploitation potential of groundwater in Yangzhuang Basin, China under recharge enhancement. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 483-493. https://doi.org/10.18280/ijht.360213
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1045	Hatami M.	Different shapes of Fe ₃ O ₄ nanoparticles on the free convection and entropy generation in a wavywall square cavity filled by power-law non-Newtonian nanofluid	nanofluid, entropy generation, wavy cavity, natural convection, nonnewtonian	36, 2, 509-524	https://doi.org/10.18280/ijht.360215	Hatami, M. (2018). Different shapes of Fe ₃ O ₄ nanoparticles on the free convection and entropy generation in a wavywall square cavity filled by power-law non-Newtonian nanofluid. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 509-524. https://doi.org/10.18280/ijht.360215
1046	El-Sayed S.A., El-Sayed M.K.	Investigation of combustion and emissions of mixture of a wheat dust with binder pellet in a fixedbed combustor	wheat dust pellets, combustion and gaseous emission characteristics, internal ignition temperature, experimental correlations, ash analysis	36, 2, 525-542	https://doi.org/10.18280/ijht.360216	El-Sayed, S.A., El-Sayed, M.K. (2018). Investigation of combustion and emissions of mixture of a wheat dust with binder pellet in a fixedbed combustor. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 525-542. https://doi.org/10.18280/ijht.360216
1047	Li R., Liao R.Q.	Research on estimation of optical fiber probe gas holdup based on the adaptive weighted data fusion algorithm	three-phase flow, gas holdup, fiber optic probe, adaptive weighted	36, 2, 543-547	https://doi.org/10.18280/ijht.360217	Li, R., Liao, R.Q. (2018). Research on estimation of optical fiber probe gas holdup based on the adaptive weighted data fusion algorithm. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 543-547. https://doi.org/10.18280/ijht.360217
1048	Rani H.P., Narayana V., Rameshwar Y.	Analysis of vortical structures in a differentially heated lid driven cubical cavity	mixed convection, Reynolds number, Richardson number, vortex Coreline	36, 2, 548-556	https://doi.org/10.18280/ijht.360218	Rani, H.P., Narayana, V., Rameshwar, Y. (2018). Analysis of vortical structures in a differentially heated lid driven cubical cavity. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 548-556. https://doi.org/10.18280/ijht.360218
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1050	Tian Q.Q., Gu L.C.	Speed stiffness characteristics of electro-hydro-mechanical system	electro-hydro-mechanical system (EHMS), variable speed pumpcontrolled hydraulic motor system (VSPCMS), speed stiffness, multiparameter coupling	36, 2, 569-574	https://doi.org/10.18280/ijht.360220	Tian, Q.Q., Gu, L.C. (2018). Speed stiffness characteristics of electro-hydro-mechanical system. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 569-574. https://doi.org/10.18280/ijht.360220
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1052	Jain S., Parmar A.	Multiple slip effects on inclined MHD Casson fluid flow over a permeable stretching surface and a melting surface	non-linear radiation, non-linear heat source, melting surface, permeable surface, casson fluid	36, 2, 585-594	https://doi.org/10.18280/ijht.360222	Jain, S., Parmar, A. (2018). Multiple slip effects on inclined MHD Casson fluid flow over a permeable stretching surface and a melting surface. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 585-594. https://doi.org/10.18280/ijht.360222
1053	Li X.Y., Liu J.	Thermal expansion effect on thickness-shear vibrations in a piezoelectric quartz filter with dot-ring electrodes	quartz crystals, thickness-shear vibration, filter, thermal expansion effect	36, 2, 595-601	https://doi.org/10.18280/ijht.360223	Li, X.Y., Liu, J. (2018). Thermal expansion effect on thickness-shear vibrations in a piezoelectric quartz filter with dot-ring electrodes. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 595-601. https://doi.org/10.18280/ijht.360223
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1056	Luo J., Wang H.	Preparation, thermal insulation and flame retardance of cellulose nanocrystal aerogel modified by TiO ₂	cellulose nanocrystal (CNC), TiO ₂ , aerogel, flame retardance	36, 2, 614-618	https://doi.org/10.18280/ijht.360226	Luo, J., Wang, H. (2018). Preparation, thermal insulation and flame retardance of cellulose nanocrystal aerogel modified by TiO ₂ . <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 614-618. https://doi.org/10.18280/ijht.360226
1057	Ali F., Arif M., Khan I., Sheikh N.A., Saqib M.	Natural convection in polyethylene glycol based molybdenum disulfide nanofluid with thermal radiation, chemical reaction and ramped wall temperature	PEG, molybdenum disulfide mos2 casson nanofluid, ramped wall temperature	36, 2, 619-631	https://doi.org/10.18280/ijht.360227	Ali, F., Arif, M., Khan, I., Sheikh, N.A., Saqib, M. (2018). Natural convection in polyethylene glycol based molybdenum disulfide nanofluid with thermal radiation, chemical reaction and ramped wall temperature. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 619-631. https://doi.org/10.18280/ijht.360227
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1063	Arumugam V.M., Chidambaram R.K.	Parametric analysis and optimization of convective fin with variable thermal conductivity using semi-analytical solution	heat transfer performance, temperature dependent thermal conductivity, straight fins, ADM, optimization and parametric analysis	36, 2, 677-686	https://doi.org/10.18280/ijht.360233	Arumugam, V.M., Chidambaram, R.K. (2018). Parametric analysis and optimization of convective fin with variable thermal conductivity using semi-analytical solution. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 677-686. https://doi.org/10.18280/ijht.360233
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1070	Ejaz M.F., Manzoor S.	Experimental investigation of heat transfer in a vertical annulus with a bottom heated rotating inner cylinder	experimental investigation, heat transfer, heat transport mechanisms, vertical annulus, buoyancy-driven flow, rotating inner cylinder	36, 2, 730-740	https://doi.org/10.18280/ijht.360240	Ejaz, M.F., Manzoor, S. (2018). Experimental investigation of heat transfer in a vertical annulus with a bottom heated rotating inner cylinder. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 730-740. https://doi.org/10.18280/ijht.360240
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1080	Sun G.Z., Zhang R.L., Tian K.Y.	The dynamic evolution model and experimental study of gas permeability under multiple factors	coal seam gas, permeability model, effective stress, temperature	36, 1, 49-55	https://doi.org/10.18280/ijht.360107	Sun, G.Z., Zhang, R.L., Tian, K.Y. (2018). The dynamic evolution model and experimental study of gas permeability under multiple factors. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 49-55. https://doi.org/10.18280/ijht.360107
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1136	Amelio M., Barbarelli S., Rovense F., Scornaienchi N.M.	Possibility of employing a small power tangential flow turbine prototype in a micro solar concentration plant	solar plant, small turbine prototype, design criteria, mirror field, case study	35, 4, 785-792	https://doi.org/10.18280/ijht.350413	Amelio M., Barbarelli S., Rovense F., Scornaienchi N.M. (2017). Possibility of employing a small power tangential flow turbine prototype in a micro solar concentration plant. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 785-792. https://doi.org/10.18280/ijht.350413
1137	Sun C., Zuo Z.S., Lu W., Liu X.T., Guo X.L., Liu F.	Visualization of the heat transfer character of dry slag discharge system	dry slag discharge system, heat transfer character, numerical calculation, visualization	35, 4, 793-798	https://doi.org/10.18280/ijht.350414	Sun C., Zuo Z.S., Lu W., Liu X.T., Guo X.L., Liu F. (2017). Visualization of the heat transfer character of dry slag discharge system. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 793-798. https://doi.org/10.18280/ijht.350414
1138	Landers B.D., Disimile P.J., Toy N.	The fluid thermal field over a flat heated disk	thermal field, flat heated disk, surface ignition, pool boiling, film boiling	35, 4, 799-805	https://doi.org/10.18280/ijht.350415	Landers B.D., Disimile P.J., Toy N. (2017). The fluid thermal field over a flat heated disk. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 799-805. https://doi.org/10.18280/ijht.350415
1139	Zhao Q., Bai Z.C., Lu A.J., Liu Q.	Research on the ablation of fused silica irradiated by Laguerre-Gaussian beam	laser technique, simulation, fused silica, laguerre gauss beam, vaporization	35, 4, 806-810	https://doi.org/10.18280/ijht.350416	Zhao Q., Bai Z.C., Lu A.J., Liu Q. (2017). Research on the ablation of fused silica irradiated by Laguerre-Gaussian beam. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 806-810. https://doi.org/10.18280/ijht.350416

1140	Chaware P., Sewatkar C.M.	Effects of tangential and radial velocity on the heat transfer for flow through pipe with twisted tape insert-turbulent flow	heat transfer augmentation, radial velocity, tangential velocity, twisted tape	35, 4, 811-820	https://doi.org/10.18280/ijht.350417	Chaware P., Sewatkar C.M. (2017). Effects of tangential and radial velocity on the heat transfer for flow through pipe with twisted tape insert-turbulent flow, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 811-820. https://doi.org/10.18280/ijht.350417
1141	Wang H.B., Guo X.G.	Transient analysis of thermal and moisture transfer in building materials	hybrid numerical method, coupled heat and moisture transfer, transient analysis	35, 4, 821-826	https://doi.org/10.18280/ijht.350418	Wang H.B., Guo X.G. (2017). Transient analysis of thermal and moisture transfer in building materials, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 821-826. https://doi.org/10.18280/ijht.350418
1142	Casano G., Fossa M., Piva S.	Development and testing of a compound parabolic collector for large acceptance angle thermal applications	solar thermal collector, compound parabolic concentrator CPC, evacuated tubes	35, 4, 827-835	https://doi.org/10.18280/ijht.350419	Casano G., Fossa M., Piva S. (2017). Development and testing of a compound parabolic collector for large acceptance angle thermal applications, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 827-835. https://doi.org/10.18280/ijht.350419
1143	Tong X., Guo W.G., Kang K.Q., Qin Y.P.	Experimental evaluation of heat and moisture transmission characteristics of the working ensemble of hot coal mines using the thermal manikin	mine thermal hazard, mining ensemble, thermal insulation, evaporative resistance, thermal	35, 4, 836-842	https://doi.org/10.18280/ijht.350420	Tong X., Guo W.G., Kang K.Q., Qin Y.P. (2017). Experimental evaluation of heat and moisture transmission characteristics of the working ensemble of hot coal mines using the thermal manikin, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 836-842. https://doi.org/10.18280/ijht.350420
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1146	Srivastava P., Dewan A., Bajpai J.K.	Flow and heat transfer characteristics in convergent-divergent shaped microchannel with ribs and cavities	convergent-divergent shape, ribs and cavities, heat transfer enhancement, thermal boundary-layer, Nusselt number	35, 4, 863-873	https://doi.org/10.18280/ijht.350423	Srivastava P., Dewan A., Bajpai J.K. (2017). Flow and heat transfer characteristics in convergent-divergent shaped microchannel with ribs and cavities, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 863-873. https://doi.org/10.18280/ijht.350423
1147	Elahmer M., Abboudi S., Boukadida N.	Nanofluid effect on forced convective heat transfer inside a heated horizontal tube	forced convection, laminar flow, unsteady, hybrid nanofluid, conjugated heat transfer	35, 4, 874-882	https://doi.org/10.18280/ijht.350424	Elahmer M., Abboudi S., Boukadida N. (2017). Nanofluid effect on forced convective heat transfer inside a heated horizontal tube, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 874-882. https://doi.org/10.18280/ijht.350424
1148	Benyoucef D., Zeroual M., Benmoussa H.	Natural convection in tilted rectangular cavities due to bidirectional temperature gradient	CFD simulation, inclined vessel, heat transfer, natural convection, structure.	35, 4, 883-892	https://doi.org/10.18280/ijht.350425	Benyoucef D., Zeroual M., Benmoussa H. (2017). Natural convection in tilted rectangular cavities due to bidirectional temperature gradient, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 883-892. https://doi.org/10.18280/ijht.350425
1149	Aamina F.A.B., Khan I., Saqib N.A.S.M.	Magnetohydrodynamic flow of brinkman-type engine oil based MoS ₂ -nanofluid in a rotating disk with hall effect	BEOBMN, MHD flow, closed-form solutions, the laplace transform.	35, 4, 893-902	https://doi.org/10.18280/ijht.350426	Aamina F.A.B., Khan I., Saqib N.A.S.M. (2017). Magnetohydrodynamic flow of brinkman-type engine oil based MoS ₂ -nanofluid in a rotating disk with hall effect, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 893-902. https://doi.org/10.18280/ijht.350426
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1151	Gogoi P., Triveni M.K., Panua R.	Numerical investigation of 3D turbulent forced convective heat transfer and friction characteristics of a square duct	darcy friction factor, forced convection, nusselt number, reynolds number, thermal enhancement factor.	35, 4, 919-932	https://doi.org/10.18280/ijht.350428	Gogoi P., Triveni M.K., Panua R. (2017). Numerical investigation of 3D turbulent forced convective heat transfer and friction characteristics of a square duct, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 919-932. https://doi.org/10.18280/ijht.350428
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1155	Adibi O., Farhanieh B., Afshin H.	Numerical study of heat and mass transfer in underexpanded sonic free jet	numerical simulation, gas release, sonic free jets, high pressure tanks, shock waves.	35, 4, 959-968	https://doi.org/10.18280/ijht.350432	Adibi O., Farhanieh B., Afshin H. (2017). Numerical study of heat and mass transfer in underexpanded sonic free jet, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 959-968. https://doi.org/10.18280/ijht.350432
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1158	Emam T.G., Elmaboud Y.A.	Three-dimensional magneto-hydrodynamic flow over an exponentially stretching surface	heat transfer, MHD flow, stretching surface, three-dimensional flow.	35, 4, 987-996	https://doi.org/10.18280/ijht.350435	Emam T.G., Elmaboud Y.A. (2017). Three-dimensional magneto-hydrodynamic flow over an exponentially stretching surface. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 987-996. https://doi.org/10.18280/ijht.350435
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1160	Ahamed S.M.S., Mondal S., Sibanda P.	Impulsive nanofluid flow along a vertical stretching cone	chemical reaction, nanofluid flow, stretching or shrinking cone, spectral local linearization method.	35, 4, 1005-1014	https://doi.org/10.18280/ijht.350437	Ahamed S.M.S., Mondal S., Sibanda P. (2017). Impulsive nanofluid flow along a vertical stretching cone. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1005-1014. https://doi.org/10.18280/ijht.350437
1161	Priyam A., Chand P.	Heat transfer and pressure drop characteristics of wavy fin solar air heater	collector length, thermal efficiency, pressure drop, solar air heater.	35, 4, 1015-1022	https://doi.org/10.18280/ijht.350438	Priyam A., Chand P. (2017). Heat transfer and pressure drop characteristics of wavy fin solar air heater. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1015-1022. https://doi.org/10.18280/ijht.350438
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1181	Amara I., Mazioud A., Boulaoued I., Mhimid A.	Experimental study on thermal properties of bio-composite (gypsum plaster reinforced with palm tree fibers) for building insulation	palm-tree-fiber, thermal conductivity, thermal diffusivity, DICO method, modeling and measurement.	35, 3, 576-584	https://doi.org/10.18280/ijht.350314	Amara I., Mazioud A., Boulaoued I., Mhimid A. (2017). Experimental study on thermal properties of bio-composite (gypsum plaster reinforced with palm tree fibers) for building insulation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 576-584. https://doi.org/10.18280/ijht.350314
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1183	Mansouri Z., Boushaki T., Aouissi M.	Detached eddy simulation of non-reacting swirling flow in a vortex burner	detached eddy simulation, precessing vortex core, swirl, vortex burner.	35, 3, 594-602	https://doi.org/10.18280/ijht.350316	Mansouri Z., Boushaki T., Aouissi M. (2017). Detached eddy simulation of non-reacting swirling flow in a vortex burner, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 594-602. https://doi.org/10.18280/ijht.350316
1184	Vinod P.D., Singh S.N.	Thermo-hydraulic performance analysis of jet plate solar air heater under cross flow condition	jet plate, collector efficiency, absorber plate, convective heat transfer coefficient, Nusselt number, friction factor.	35, 3, 603-610	https://doi.org/10.18280/ijht.350317	Vinod P.D., Singh S.N. (2017). Thermo-hydraulic performance analysis of jet plate solar air heater under cross flow condition, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 603-610. https://doi.org/10.18280/ijht.350317
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1186	Maouassi A., Baghidja A., Daoud S., Zeraibi N.	Numerical study of nanofluid heat transfer SiO ₂ through a solar flat plate collector	solar energy, CFD, nanofluid, heat transfer, SiO ₂ nanoparticles, solar flat plate collector.	35, 3, 619-625	https://doi.org/10.18280/ijht.350319	Maouassi A., Baghidja A., Daoud S., Zeraibi N. (2017). Numerical study of nanofluid heat transfer SiO ₂ through a solar flat plate collector, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 619-625. https://doi.org/10.18280/ijht.350319
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1189	Carla B., Giuseppe P.	Numerical multiphysics modelling for the assessment of thermo-physical and energy performance of an advanced semi-opaque active façade	advanced active facade, CFD, multiphysics, energy design, sustainability	35, 3, 639-644	https://doi.org/10.18280/ijht.350322	Carla B., Giuseppe P. (2017). Numerical multiphysics modelling for the assessment of thermo-physical and energy performance of an advanced semi-opaque active façade, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 639-644. https://doi.org/10.18280/ijht.350322
1190	Arunachalam U.P., Edwin M.	Theoretical investigation of a ceramic monolith heat exchanger using silicon carbide and aluminium nitride as heat exchanger material	ceramic recuperator, cross flow heat exchanger, effectiveness, heat transfer, pressure drop	35, 3, 645-650	https://doi.org/10.18280/ijht.350323	Arunachalam U.P., Edwin M. (2017). Theoretical investigation of a ceramic monolith heat exchanger using silicon carbide and aluminium nitride as heat exchanger material, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 645-650. https://doi.org/10.18280/ijht.350323

1191	Sadeghiazad M.B.M.	Experimental and numerical study on the effect of the convergence angle, injection pressure and injection number on thermal performance of straight vortex tube	experimental study, numerical analysis, vortex tube, convergent nozzle, cryogenic capacity, optimization	35, 3, 651-656	https://doi.org/10.18280/ijht.350324	Sadeghiazad M.B.M. (2017). Experimental and numerical study on the effect of the convergence angle, injection pressure and injection number on thermal performance of straight vortex tube, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 651-656. https://doi.org/10.18280/ijht.350324
1192	Djedai H., Mdouki R., Mansouri Z., Aouissi M.	Numerical investigation of three-dimensional separation control in an axial compressor cascade	axial compressor, boundary layer blowing, flow control, flow topology, separation	35, 3, 657-662	https://doi.org/10.18280/ijht.350325	Djedai H., Mdouki R., Mansouri Z., Aouissi M. (2017). Numerical investigation of three-dimensional separation control in an axial compressor cascade, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 657-662. https://doi.org/10.18280/ijht.350325
1193	Zheng J.H., Zhang W.M., Jiang J.Z., Guo R.	CFD simulation and experimental study of water-oil displacement flow in an inclined pipe	immiscible displacement, residual layer, interface instability, numerical simulation	35, 3, 663-667	https://doi.org/10.18280/ijht.350326	Zheng J.H., Zhang W.M., Jiang J.Z., Guo R. (2017). CFD simulation and experimental study of water-oil displacement flow in an inclined pipe, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 663-667. https://doi.org/10.18280/ijht.350326
1194	Sadeghiazad M.B.M.	Experimental study on thermal performance of double circuit vortex tube (DCVT) - Effect of heat transfer controller angle	double circuit vortex tube, heat transfer controller angle, energy separation, main length	35, 3, 668-672	https://doi.org/10.18280/ijht.350327	Sadeghiazad M.B.M. (2017). Experimental study on thermal performance of double circuit vortex tube (DCVT) - Effect of heat transfer controller angle, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 668-672. https://doi.org/10.18280/ijht.350327
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1200	Scafetta N., Mirandola A., Bianchini A.	Natural climate variability, part 2: Interpretation of the post 2000 temperature standstill	climate change, post 2000 temperature standstill, climate models, natural climatic oscillations	35, Sp. 1, S18-S26	https://doi.org/10.18280/ijht.35Sp0103	Scafetta N., Mirandola A., Bianchini A. (2017). Natural climate variability, part 2: Interpretation of the post 2000 temperature standstill, International Journal of Heat and Technology, Vol. 35, Special Issue 1, pp. S18-S26. https://doi.org/10.18280/ijht.35Sp0103
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1207	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D.	Predictive methods to estimate the producibility of PV/T solar collectors	electrical analogy, solar collectors, PV/T collectors	35, Sp. 1, S71-S77	https://doi.org/10.18280/ijht.35Sp0110	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D. (2017). Predictive methods to estimate the producibility of PV/T solar collectors, International Journal of Heat and Technology, Vol. 35, Special Issue 1, pp. S71-S77. https://doi.org/10.18280/ijht.35Sp0110

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1227	Bagnasco A., Catanzariti R., Coppi L., Fresi F., Silvestro F., Vinci A.	Multi facility energy monitoring in medical structures: Defining KPIs for energy saving and exporting best practices	energy monitoring, hospitals, energy efficiency, KPI, facility management	35, Sp. 1, S214-S220	https://doi.org/10.18280/ijht.35Sp0130	Bagnasco A., Catanzariti R., Coppi L., Fresi F., Silvestro F., Vinci A. (2017). Multi facility energy monitoring in medical structures: Defining KPIs for energy saving and exporting best practices, International Journal of Heat and Technology, Vol. 35, Special Issue 1, pp. S214-S220. https://doi.org/10.18280/ijht.35Sp0130
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1314	Benhorma S., Aouissi M., Mansour C., Bounif A.	Contribution to study the effect of exhaust gas recirculation EGR on HCCI combustion mode	combustion, pollution, kinetics mechanism, EGR, HCCI, nitrogen oxides	35, 1, 183-190	https://doi.org/10.18280/ijht.350124	Benhorma S., Aouissi M., Mansour C., Bounif A. (2017). Contribution to study the effect of exhaust gas recirculation EGR on HCCI combustion mode, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 183-190. https://doi.org/10.18280/ijht.350124
1315	Li G.N., Sun S.K., Liu H.T., Zheng T.G., Zhang C.	Water profiles in vertical slot fishways without central baffle	water depth, vertical slot fishways, experimental models, central baffle	35, 1, 191-195	https://doi.org/10.18280/ijht.350125	Li G.N., Sun S.K., Liu H.T., Zheng T.G., Zhang C. (2017). Water profiles in vertical slot fishways without central baffle, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 191-195. https://doi.org/10.18280/ijht.350125
1316	Mabood F., Ibrahim S.M., Lorenzini G., Lorenzini E.	Radiation effects on Williamson nanofluid flow over a heated surface with magnetohydrodynamics	Nanofluid, MHD, Radiation, Heat Source, Non-linearly Moving Surface	35, 1, 196-204	https://doi.org/10.18280/ijht.350126	Mabood F., Ibrahim S.M., Lorenzini G., Lorenzini E. (2017). Radiation effects on Williamson nanofluid flow over a heated surface with magnetohydrodynamics, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 196-204. https://doi.org/10.18280/ijht.350126
1317	Asif M., Aftab H., Syed H.A., Ali M.A., Muizz P.M.	Simulation of corrugated plate heat exchanger for heat and flow analysis	corrugated plate heat exchanger, CFD analysis, heat and flow analysis, nusselt number correlation, modified wilson plot	35, 1, 205-210	https://doi.org/10.18280/ijht.350127	Asif M., Aftab H., Syed H.A., Ali M.A., Muizz P.M. (2017). Simulation of corrugated plate heat exchanger for heat and flow analysis, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 205-210. https://doi.org/10.18280/ijht.350127
1318	Caruso G., Nobili M.	Preliminary evaluation of the expansion system size for a pressurized gas loop: application to a fusion reactor based on a helium-cooled blanket	pressure suppression system, fusion reactor, helium, safety analysis, expansion volume	35, 1, 211-218	https://doi.org/10.18280/ijht.350128	Caruso G., Nobili M. (2017). Preliminary evaluation of the expansion system size for a pressurized gas loop: application to a fusion reactor based on a helium-cooled blanket, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 211-218. https://doi.org/10.18280/ijht.350128
1319	Sun C., Li Q.Y., Lu W., Liu X.T., Liu B., Pei X.X.	A general calculation model on the effect of main steam pressure variation on the coal consumption rate of steam turbines	main steam pressure, heat economy, coal consumption rate, heat coefficient	35, 1, 219-224	https://doi.org/10.18280/ijht.350129	Sun C., Li Q.Y., Lu W., Liu X.T., Liu B., Pei X.X. (2017). A general calculation model on the effect of main steam pressure variation on the coal consumption rate of steam turbines, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 219-224. https://doi.org/10.18280/ijht.350129
1320	Apra C., Greco A., Maiorino A., Masselli C.	A comparison between electrocaloric and magnetocaloric materials for solid state refrigeration	electrocaloric refrigeration, AER, magnetic refrigeration, AMR, FOT materials, SOT materials	35, 1, 225-234	https://doi.org/10.18280/ijht.350130	Apra C., Greco A., Maiorino A., Masselli C. (2017). A comparison between electrocaloric and magnetocaloric materials for solid state refrigeration, International Journal of Heat and Technology, Vol. 35, No. 1, pp. 225-234. https://doi.org/10.18280/ijht.350130