

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Cucumo, M.A., Mele, M., Nicoletti, F., Galloro, A., Perrone, D., Greco, N.	Evaluation of crude oil fouling formation in a heat exchanger with twisted tape inserts	Heat Exchanger, Twisted Tape, Fouling, Crude Oil, CFD	37, 4, 927-935	10.18280/ijht.370401	Cucumo, M.A., Mele, M., Nicoletti, F., Galloro, A., Perrone, D., Greco, N. (2019). Evaluation of crude oil fouling formation in a heat exchanger with twisted tape inserts. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 927-935. https://doi.org/10.18280/ijht.370401
2	Mutani, G., Todeschi, V.	An urban energy atlas and engineering model for resilient cities	Urban Energy Atlas, Engineering Model, Energy Efficiency, Renewable Energy Sources, Energy Resilience, Geographic Information System	37, 4, 936-947	10.18280/ijht.370402	Mutani, G., Todeschi, V. (2019). An urban energy atlas and engineering model for resilient cities. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 936-947. https://doi.org/10.18280/ijht.370402
3	Sepehrianazar, F., Hassanzadeh, R., Mirzaee, I.	Turbulence and energy assessment of a two bladed H-type vertical axis wind turbine between two high-rise buildings	Vertical Axis Wind Turbine (VAWT), High-Rise Buildings, Wind Potential, Power Coefficient	37, 4, 948-957	10.18280/ijht.370403	Sepehrianazar, F., Hassanzadeh, R., Mirzaee, I. (2019). Turbulence and energy assessment of a two bladed H-type vertical axis wind turbine between two high-rise buildings. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 948-957. https://doi.org/10.18280/ijht.370403
4	Faruoli, M., Viggiano, A., Magi, V.	A new approach to simulate Stirling engine regenerators as porous media under low Reynolds conditions	Porous Media, CFD, Regenerator, Stirling Engine	37, 4, 958-965	10.18280/ijht.370404	Faruoli, M., Viggiano, A., Magi, V. (2019). A new approach to simulate Stirling engine regenerators as porous media under low Reynolds conditions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 958-965. https://doi.org/10.18280/ijht.370404
5	Solmaz, S., Kerpicci, 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	10.18280/ijht.370405	Solmaz, S., Kerpicci, 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
6	Wang, Y., Man, Z.S.	Numerical simulation of coalbed methane-water two-phase flow and prediction of coalbed methane productivity based on finite volume method	Coalbed Methane (CBM) Productivity, Finite Volume Method (FVM), Numerical Simulation, Influencing Factors	37, 4, 975-984	10.18280/ijht.370406	Wang, Y., Man, Z.S. (2019). Numerical simulation of coalbed methane-water two-phase flow and prediction of coalbed methane productivity based on finite volume method. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 975-984. https://doi.org/10.18280/ijht.370406
7	Siddegowda, P.	Experimental investigation of the use of propane for domestic refrigerator with lower displacement compressor	Capillary, R12 Replacement Compressor, Energy Consumption, Ice Making Time, Pull Down Time, Propane	37, 4, 985-990	10.18280/ijht.370407	Siddegowda, P. (2019). Experimental investigation of the use of propane for domestic refrigerator with lower displacement compressor. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 985-990. https://doi.org/10.18280/ijht.370407
8	Mirmanto, Joniarta, W., Wijayanta, A.T., Pranowo, Habiburrahman, M.	Experimental performance of a cooler box with heat dissipation unit variations	Cooler Box, COP, Heat Dissipation Unit, Thermoelectric	37, 4, 991-998	10.18280/ijht.370408	Mirmanto, Joniarta, W., Wijayanta, A.T., Pranowo, Habiburrahman, M. (2019). Experimental performance of a cooler box with heat dissipation unit variations. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 991-998. https://doi.org/10.18280/ijht.370408
9	Ayano, M.S., Otegbeye, O., Gogo, S.P.	Natural convection MHD radiative flow on a sphere through porous medium considering ohmic dissipation	Radiation Effect, Chemical Reaction, Magneto-hydrodynamic, Heat Source and Sink, Quasilinearization	37, 4, 999-1008	10.18280/ijht.370409	Ayano, M.S., Otegbeye, O., Gogo, S.P. (2019). Natural convection MHD radiative flow on a sphere through porous medium considering ohmic dissipation. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 999-1008. https://doi.org/10.18280/ijht.370409
10	Larjani, M.A., Eslami, M., Afshin, H.	Investigation of effective parameters on the performance of the helium liquefaction cycle	Cold Box, Cryogenic Process, Cycle Efficiency, Exergy Analysis, Helium Liquefaction, Parametric Study	37, 4, 1009-1018	10.18280/ijht.370410	Larjani, M.A., Eslami, M., Afshin, H. (2019). Investigation of effective parameters on the performance of the helium liquefaction cycle. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1009-1018. https://doi.org/10.18280/ijht.370410
11	Li, B., Ren, J.G., Liu, J.B., Liu, G.F., Lv, R.S., Song, Z.M.	Diffusion and migration law of gaseous methane in coals of different metamorphic degrees	Diffusion and Migration Law, Methane, Pore Structure, Different Metamorphic Degrees	37, 4, 1019-1030	10.18280/ijht.370411	Li, B., Ren, J.G., Liu, J.B., Liu, G.F., Lv, R.S., Song, Z.M. (2019). Diffusion and migration law of gaseous methane in coals of different metamorphic degrees. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1019-1030. https://doi.org/10.18280/ijht.370411
12	Abdi, H., Asaadi, S., Kivi, H.A., Pesteoo, S.M.	A comprehensive numerical study on nanofluid flow and heat transfer of helical, spiral and straight tubes with different cross sections	Nanofluid, Helical Tube, Heat Transfer Performance, Laminar Flow	37, 4, 1031-1042	10.18280/ijht.370412	Abdi, H., Asaadi, S., Kivi, H.A., Pesteoo, S.M. (2019). A comprehensive numerical study on nanofluid flow and heat transfer of helical, spiral and straight tubes with different cross sections. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1031-1042. https://doi.org/10.18280/ijht.370412
13	Youcef, A., Saim, R.	Computational analysis of turbulent flow and thermal transfer in a shell and tube heat exchanger	Heat Exchanger, Segmental Baffle, CFD, Thermo-Hydraulic Performance	37, 4, 1043-1051	10.18280/ijht.370413	Youcef, A., Saim, R. (2019). Computational analysis of turbulent flow and thermal transfer in a shell and tube heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1043-1051. https://doi.org/10.18280/ijht.370413
14	Li, J.W., Cao, Y.C., Wang, Q., Niu, B.L.	Potential of solar heating for ultra-low-energy passive buildings in cold regions	Ultra-Low-Energy (ULE) Passive Buildings, Solar Heating, Heating Factors, Potential	37, 4, 1052-1058	10.18280/ijht.370414	Li, J.W., Cao, Y.C., Wang, Q., Niu, B.L. (2019). Potential of solar heating for ultra-low-energy passive buildings in cold regions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1052-1058. https://doi.org/10.18280/ijht.370414
15	Syaiful, Siwi, A.R., Utomo, T.S., Yurianto, Wulandari, R.	Numerical analysis of heat and fluid flow characteristics of airflow inside rectangular channel with presence of perforated concave delta winglet vortex generators	Convection Heat Transfer Coefficient, Pressure Drop, Perforated Concave Delta Winglet Vortex Generators	37, 4, 1059-1070	10.18280/ijht.370415	Syaiful, Siwi, A.R., Utomo, T.S., Yurianto, Wulandari, R. (2019). Numerical analysis of heat and fluid flow characteristics of airflow inside rectangular channel with presence of perforated concave delta winglet vortex generators. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1059-1070. https://doi.org/10.18280/ijht.370415
16	Assoum, H.H., Hamdi, J., Abed-Meraim, K., Al Kheir, M., Mrach, T., El Soufi, L., Sakout, A.	Spatio-temporal changes in the turbulent kinetic energy of a rectangular jet impinging on a slotted plate analyzed with high speed 3D tomographic-particle image velocimetry.	Acoustic Comfort, Self-Sustained Tones, Indoor Air Quality, Fluctuating Velocity, Noise Control	37, 4, 1071-1079	10.18280/ijht.370416	Assoum, H.H., Hamdi, J., Abed-Meraim, K., Al Kheir, M., Mrach, T., El Soufi, L., Sakout, A. (2019). Spatio-temporal changes in the turbulent kinetic energy of a rectangular jet impinging on a slotted plate analyzed with high speed 3D tomographic-particle image velocimetry. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1071-1079. https://doi.org/10.18280/ijht.370416
17	Mousavi, S.E., Kheradmand, S., Mirzabozorg, M.A.S.	Effect of oscillating inlet flow on combustion instability	Combustion Instability, Oscillating Inlet, Flashback, Blow-Off	37, 4, 1080-1088	10.18280/ijht.370417	Mousavi, S.E., Kheradmand, S., Mirzabozorg, M.A.S. (2019). Effect of oscillating inlet flow on combustion instability. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1080-1088. https://doi.org/10.18280/ijht.370417
18	Sun, Y., Feng, Y.H., Ma, Y., Wang, Y.Z., Shi, Y.J.	Thermal storage and release features of electric thermal storage heating systems with solid storage material	Electric Thermal Storage Heating Systems with Solid Storage Material (SS-ETSHS), Lumped Parameter Method, Features of Thermal Storage and Release, Quantity Adjustment, Quality Adjustment	37, 4, 1089-1098	10.18280/ijht.370418	Sun, Y., Feng, Y.H., Ma, Y., Wang, Y.Z., Shi, Y.J. (2019). Thermal storage and release features of electric thermal storage heating systems with solid storage material. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1089-1098. https://doi.org/10.18280/ijht.370418
19	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	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
20	Chen, R., Ai, Y., Zhang, T.S., Rao, Y., Yue, H.H., Zheng, J.X.	Thermal storage and release features of electric thermal storage heating systems with solid storage material	Numerical Simulation, Biomass Combustion, Biomass, Thermogravimetric Analysis	37, 4, 1107-1116	10.18280/ijht.370420	Chen, R., Ai, Y., Zhang, T.S., Rao, Y., Yue, H.H., Zheng, J.X. (2019). Thermal storage and release features of electric thermal storage heating systems with solid storage material. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1107-1116. https://doi.org/10.18280/ijht.370420
21	Sarkar, T., Reza-E-Rabbi, S., Arifuzzaman, S.M., Ahmed, R., Khan, M.S., Ahmed, S.F.	MHD radiative flow of Casson and Williamson nanofluids over an inclined cylindrical surface with chemical reaction effects	Casson Fluid, Williamson Fluid, Nanoparticles, MHD, Inclined Cylinder	37, 4, 1117-1126	10.18280/ijht.370421	Sarkar, T., Reza-E-Rabbi, S., Arifuzzaman, S.M., Ahmed, R., Khan, M.S., Ahmed, S.F. (2019). MHD radiative flow of Casson and Williamson nanofluids over an inclined cylindrical surface with chemical reaction effects. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1117-1126. https://doi.org/10.18280/ijht.370421
22	Tarawneh, M.	Experimental investigation of the effect of using porous internal sub-cooler on the performance of refrigeration system: R422A case study	Internal Sub-Cooler, Performance, Porosity, R422a, Refrigerants, Refrigeration, Sub-Cooling	37, 4, 1127-1132	10.18280/ijht.370422	Tarawneh, M. (2019). Experimental investigation of the effect of using porous internal sub-cooler on the performance of refrigeration system: R422A case study. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1127-1132. https://doi.org/10.18280/ijht.370422
23	Liu, Y.J., Wu, W.Z.	Analysis on smoke visibility in fire environment from the perspectives of path curvature and view direction	Smoke Visibility, Path Curvature, Signage System, View Direction, Affordance	37, 4, 1133-1140	10.18280/ijht.370423	Liu, Y.J., Wu, W.Z. (2019). Analysis on smoke visibility in fire environment from the perspectives of path curvature and view direction. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1133-1140. https://doi.org/10.18280/ijht.370423

24	Husein, M.A.M., Kalash, A.R., Al-Beldawee, I.A., Habeeb, L.J.	Numerical investigation of free convection heat transfer from two-dimensional rectangular enclosure with discrete isothermal heating from bottom side	Natural Convection, Rectangular Enclosure, Discrete Heat Sources, Finite Volume Method	37, 4, 1141-1150	10.18280/ijht.370424	Husein, M.A.M., Kalash, A.R., Al-Beldawee, I.A., Habeeb, L.J. (2019). Numerical investigation of free convection heat transfer from two-dimensional rectangular enclosure with discrete isothermal heating from bottom side. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1141-1150. https://doi.org/10.18280/ijht.370424
25	Jabbar, M.Y., Ahmed, S.Y., Hamzah, H.K., Ali, F.H.	Heat and entropy lines visualization of natural convection between hot inner circular cylinder and cold outer sinusoidal cylinder.	Natural Convection, Heatlines, Entropy Generation, Sinusoidal Corrugated Cylinder, Differential Heated Enclosure	37, 4, 1151-1162	10.18280/ijht.370425	Jabbar, M.Y., Ahmed, S.Y., Hamzah, H.K., Ali, F.H. (2019). Heat and entropy lines visualization of natural convection between hot inner circular cylinder and cold outer sinusoidal cylinder. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1151-1162. https://doi.org/10.18280/ijht.370425
26	Pang, Y.J., Yan, L.J., Li, Y.X., Ma, K.R.	Optimal vent design for additional sunspace of passive houses in rural areas	Energy-Saving Renovation, Additional Sunspace, Passive House, Vent Design	37, 4, 1163-1170	10.18280/ijht.370426	Pang, Y.J., Yan, L.J., Li, Y.X., Ma, K.R. (2019). Optimal vent design for additional sunspace of passive houses in rural areas. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1163-1170. https://doi.org/10.18280/ijht.370426
27	Sungsoontorn, S., Nonthiworawong, D., Rattanadecho, P., Prommas, R.	Experimental investigation of attic heat gain reduction and indoor illuminance using a light-vent pipe	Light-Vent Pipe, Heat Gain Reduction, Daylight Duct, Air Change	37, 4, 1171-1179	10.18280/ijht.370427	Sungsoontorn, S., Nonthiworawong, D., Rattanadecho, P., Prommas, R. (2019). Experimental investigation of attic heat gain reduction and indoor illuminance using a light-vent pipe. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1171-1179. https://doi.org/10.18280/ijht.370427
28	Abdulmunem, A.R., Jabal, M.H., Samin, P.M., Rahman, H.A., Hussien, H.A.	Analysis of energy and exergy for the flat plate solar air collector with longitudinal fins embedded in paraffin wax located in Baghdad center	Solar Collector, PCM, Fins, Energy, Exergy, Efficiency	37, 4, 1180-1186	10.18280/ijht.370428	Abdulmunem, A.R., Jabal, M.H., Samin, P.M., Rahman, H.A., Hussien, H.A. (2019). Analysis of energy and exergy for the flat plate solar air collector with longitudinal fins embedded in paraffin wax located in Baghdad center. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1180-1186. https://doi.org/10.18280/ijht.370428
29	Ma, A.C., Wang, S.L.	Semi-active control of continuous girder bridges considering the coupling effect of earthquake and hydrodynamic pressure	Continuous Girder Bridge, Hydrodynamic Pressure, Morison Equation, Magnetorheological (MR) Damper, Semi-Active Control	37, 4, 1187-1194	10.18280/ijht.370429	Ma, A.C., Wang, S.L. (2019). Semi-active control of continuous girder bridges considering the coupling effect of earthquake and hydrodynamic pressure. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 4, pp. 1187-1194. https://doi.org/10.18280/ijht.370429
30	Giuliano, A., Catizzone, E., Barisano, D., Nanna, F., Villone, A., Bari, I.D., Cornacchia, G., Braccio, G.	Towards methanol economy: A techno-environmental assessment for a bio-methanol OFMSW/biomass/carbon capture-based integrated plant	CCUS, Bio-methanol, Bio-methane, Biomass Gasification, Anaerobic Digestion, Renewable Energy	37, 3, 665-674	10.18280/ijht.370301	Giuliano, A., Catizzone, E., Barisano, D., Nanna, F., Villone, A., De Bari, I., Cornacchia, G., Braccio, G. (2019). Towards methanol economy: A techno-environmental assessment for a bio-methanol OFMSW/biomass/carbon capture-based integrated plant. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 665-674. https://doi.org/10.18280/ijht.370301
31	Apra, C., Greco, A., Maiorino, A., Masselli, C.	A numerical investigation on a caloric heat pump employing nanofluids	Caloric, Heat Pump, Nanofluids, Solid-State, Regenerator, Energy Performances	37, 3, 675-681	10.18280/ijht.370302	Apra, C., Greco, A., Maiorino, A., Masselli, C. (2019). A numerical investigation on a caloric heat pump employing nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 675-681. https://doi.org/10.18280/ijht.370302
32	Cantore, G., Mattarelli, E., Rinaldini, C.A., Savioli, T., Scignoli, F.	Numerical optimization of the injection strategy on a light duty diesel engine operating in dual fuel (CNG/diesel) mode	CFD-3D, Combustion, CNG, Diesel, Dual Fuel	37, 3, 682-688	10.18280/ijht.370303	Cantore, G., Mattarelli, E., Rinaldini, C.A., Savioli, T., Scignoli, F. (2019). Numerical optimization of the injection strategy on a light duty diesel engine operating in dual fuel (CNG/diesel) mode. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 682-688. https://doi.org/10.18280/ijht.370303
33	Sakhri, N., Menni, Y., Chamkha, A.J., Lorenzini, G., Kaid, N., Ameer, H., Bensafi, M.	Study of heat and mass transfer through an earth to air heat exchanger equipped with fan in south west of Algeria	Earth to Air Heat Exchanger, Arid Region, Underground Temperature, Relative Humidity	37, 3, 689-695	10.18280/ijht.370304	Sakhri, N., Menni, Y., Chamkha, A.J., Lorenzini, G., Kaid, N., Ameer, H., Bensafi, M. (2019). Study of heat and mass transfer through an earth to air heat exchanger equipped with fan in south west of Algeria. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 689-695. https://doi.org/10.18280/ijht.370304
34	Cardinale, T., Sposato, C., Alba, M.B., Feo, A., De Fazio, P.	Energy performance of construction materials using waste recycled polymer as fine aggregate replacement	PVC Compound, UV-Aging, Thermal Properties, Mechanical Resistance, Ecofriendly Materials	37, 3, 696-704	10.18280/ijht.370305	Cardinale, T., Sposato, C., Alba, M.B., Feo, A., De Fazio, P. (2019). Energy performance of construction materials using waste recycled polymer as fine aggregate replacement. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 696-704. https://doi.org/10.18280/ijht.370305
35	Puglia, M., Rizzo, A., Morselli, N., Tartarini, P.	Efficiency and economical assessment of a solar powered dryer combined with a biomass gasification system	Biomass, Efficiency, Gasification, Thermal Solar Power	37, 3, 705-709	10.18280/ijht.370306	Puglia, M., Rizzo, A., Morselli, N., Tartarini, P. (2019). Efficiency and economical assessment of a solar powered dryer combined with a biomass gasification system. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 705-709. https://doi.org/10.18280/ijht.370306
36	Hasan, M.S., Mondal, R.N., Lorenzini, G.	Numerical prediction of non-isothermal flow with convective heat transfer through a rotating curved square channel with bottom wall heating and cooling from the ceiling	Rotating Curved Channel, Dean Number, Taylor Number, Grash of Number, Secondary Flow, Time Evolution, Heat Transfer, Chaos	37, 3, 710-726	10.18280/ijht.370307	Hasan, M.S., Mondal, R.N., Lorenzini, G. (2019). Numerical prediction of non-isothermal flow with convective heat transfer through a rotating curved square channel with bottom wall heating and cooling from the ceiling. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 710-726. https://doi.org/10.18280/ijht.370307
37	Sifi, I., Ghellai, N., Hima, A., Menni, Y., Chamkha, A.J., Lorenzini, G.	Study of temperature variation effect on the thermoelectric properties of a thermoelectric generator with BiCuSeO molecules	Semiconductor, Energy Conversion, Temperature, Thermoelectric Generator, Finite Element Model, BiCuSeO	37, 3, 727-732	10.18280/ijht.370308	Sifi, I., Ghellai, N., Hima, A., Menni, Y., Chamkha, A.J., Lorenzini, G. (2019). Study of temperature variation effect on the thermoelectric properties of a thermoelectric generator with BiCuSeO molecules. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 727-732. https://doi.org/10.18280/ijht.370308
38	Zhu, W.C., Zheng, M.G.	Radial flow field of circular bipolar plate for proton exchange membrane fuel cells	Proton Exchange Membrane Fuel Cell (PEMFC), Radial Flow Field, Bipolar Plate, Pressure Drop	37, 3, 733-740	10.18280/ijht.370309	Zhu, W.C., Zheng, M.G. (2019). Radial flow field of circular bipolar plate for proton exchange membrane fuel cells. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 733-740. https://doi.org/10.18280/ijht.370309
39	Sertel, H., Bilen, K.	The effect of using sinusoidal profile in fins on thermal performance	Fins, Sinusoidal Profile, Shooting Method, Runge Kutta, CFD	37, 3, 741-750	10.18280/ijht.370310	Sertel, H., Bilen, K. (2019). The effect of using sinusoidal profile in fins on thermal performance. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 741-750. https://doi.org/10.18280/ijht.370310
40	Ranjbaran, A., Norozi, M.	Design and fabrication of a novel hybrid solar distillation system with the ability to brine recycling	Cascade Solar Still, Hybrid Solar Distillation, Parabolic Trough Collector, Recycling Brine, Heat Transfer, Solar Energy	37, 3, 751-760	10.18280/ijht.370311	Ranjbaran, A., Norozi, M. (2019). Design and fabrication of a novel hybrid solar distillation system with the ability to brine recycling. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 751-760. https://doi.org/10.18280/ijht.370311
41	Dong, J.X., Cheng, L.	Numerical simulation of migration and distribution law for gas seepage in coal seam	Gas Pressure, Gas Migration, Stress Field, Gas Seepage, COMSOL Multiphysics	37, 3, 761-765	10.18280/ijht.370312	Dong, J.X., Cheng, L. (2019). Numerical simulation of migration and distribution law for gas seepage in coal seam. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 761-765. https://doi.org/10.18280/ijht.370312
42	Kumari, M., Jain, S.	Variable fluid property for MHD viscous fluid containing gyrotactic microorganisms flow over a permeable stretching sheet	First and Second Order Velocity Slip, Temperature Jump, Concentration Slip, Microorganism Slip, Porosity Medium	37, 3, 766-778	10.18280/ijht.370313	Kumari, M., Jain, S. (2019). Variable fluid property for MHD viscous fluid containing gyrotactic microorganisms flow over a permeable stretching sheet. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 766-778. https://doi.org/10.18280/ijht.370313
43	Gourari, S., Mebarek-Oudina, F., Hussein, A.K., Kolsi, L., Hassen, W., Younis, O.	Numerical study of natural convection between two coaxial inclined cylinders	Numerical Simulation, Finite Volume Method, Natural Convection, Coaxial Cylinders, Heat Source	37, 3, 779-786	10.18280/ijht.370314	Gourari, S., Mebarek-Oudina, F., Hussein, A.K., Kolsi, L., Hassen, W., Younis, O. (2019). Numerical study of natural convection between two coaxial inclined cylinders. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 779-786. https://doi.org/10.18280/ijht.370314
44	Ma, L.	An economic model for geothermal energy consumption based on industrial innovation and structural upgrading	Geothermal Energy, Economic Model, Industrial Innovation, Energy Consumption, Optimization	37, 3, 787-791	10.18280/ijht.370315	Ma, L. (2019). An economic model for geothermal energy consumption based on industrial innovation and structural upgrading. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 787-791. https://doi.org/10.18280/ijht.370315
45	Dwivedi, K.K., Karmakar, M.K., Pramanick, A.K., Chatterjee, P.K.	A brief review on hydrodynamic behaviour analysis of coal gasification in a circulating fluidized bed gasifier	Circulating Fluidized Bed, Riser, Loop-Seal, Hydrodynamics, Gasification	37, 3, 792-802	10.18280/ijht.370316	Dwivedi, K.K., Karmakar, M.K., Pramanick, A.K., Chatterjee, P.K. (2019). A brief review on hydrodynamic behaviour analysis of coal gasification in a circulating fluidized bed gasifier. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 792-802. https://doi.org/10.18280/ijht.370316
46	Hatami, M., Bayareh, M.	Numerical simulation of heat transfer from three-dimensional model of human head in different environmental conditions	Heat Transfer, Human Head, Natural Convection, Forced Convection	37, 3, 803-810	10.18280/ijht.370317	Hatami, M., Bayareh, M. (2019). Numerical simulation of heat transfer from three-dimensional model of human head in different environmental conditions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 803-810. https://doi.org/10.18280/ijht.370317

47	Shi, Y., Huang, X.C., Feng, G.H.	Wellbore-reservoir coupling simulation of geochemical reactions involving carbon dioxide	Wellbore-Reservoir Coupling Simulation, Geochemical Reaction, Carbon Dioxide (CO ₂), Drift-Flux Model.	37, 3, 811-819	10.18280/ijht.370318	Shi, Y., Huang, X.C., Feng, G.H. (2019). Wellbore-reservoir coupling simulation of geochemical reactions involving carbon dioxide. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 811-819. https://doi.org/10.18280/ijht.370318
48	Alami, A., Boucham, B., Gouareh, A.	Investigation on the energy efficiency of a geo-sol adsorption heat transformer in the algerian context	Geothermal Energy, Solar Energy, Heat Transformer, Adsorption, Combined Cycle, Algerian Climate, Coefficient of Performance.	37, 3, 820-830	10.18280/ijht.370319	Alami, A., Boucham, B., Gouareh, A. (2019). Investigation on the energy efficiency of a geo-sol adsorption heat transformer in the algerian context. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 820-830. https://doi.org/10.18280/ijht.370319
49	Bora, M.K., Alam, M.F., Sharma, B., Barman, R.N.	Numerical investigation of Ag-H ₂ O nanofluid in a lid driven square cavity with different shaped conducting and insulating cylinders placed at centre	Conjugate Heat Transfer 1, Lid-Driven Cavity 2, Fluent 3, Silver Nanoparticle 4.	37, 3, 831-838	10.18280/ijht.370320	Bora, M.K., Alam, M.F., Sharma, B., Barman, R.N. (2019). Numerical investigation of Ag-H ₂ O nanofluid in a lid driven square cavity with different shaped conducting and insulating cylinders placed at centre. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 831-838. https://doi.org/10.18280/ijht.370320
50	Gao, L.	Steady simulation of T-groove and spiral groove dry gas seals	Dry Gas Seal (DGS), Pressure Distribution, Spiral Groove, T-Groove.	37, 3, 839-845	10.18280/ijht.370321	Gao, L. (2019). Steady simulation of T-groove and spiral groove dry gas seals. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 839-845. https://doi.org/10.18280/ijht.370321
51	Asjad, M.I.	Fractional mechanism with power law (singular) and exponential (non-singular) kernels and its applications in bio heat transfer model	Hyperthermia, Fractional Derivative, Bio Heat, Breast Cancer, Comparison.	37, 3, 846-852	10.18280/ijht.370322	Asjad, M.I. (2019). Fractional mechanism with power law (singular) and exponential (non-singular) kernels and its applications in bio heat transfer model. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 846-852. https://doi.org/10.18280/ijht.370322
52	Pasha, K.M.K.	Relating the bubble density to the heat transfer in pool boiling processes of surfactant solutions	Heat Flux, Tube, Bubbles, Surfactant Concentration.	37, 3, 853-862	10.18280/ijht.370323	Pasha, K.M.K. (2019). Relating the bubble density to the heat transfer in pool boiling processes of surfactant solutions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 853-862. https://doi.org/10.18280/ijht.370323
53	Cheng, Q., Jiao, J.P.	Fractal features of fractional brownian motion and their application in economics	Fractional Brownian Motion (FBM), Fractal Features, Rescaled Range (R/S) Analysis, Gold Price Sequence.	37, 3, 863-868	10.18280/ijht.370324	Cheng, Q., Jiao, J.P. (2019). Fractal features of fractional Brownian motion and their application in economics. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 863-868. https://doi.org/10.18280/ijht.370324
54	Shaik, S.V., Babu, T.P.S.A.	Computation of ecological properties, flammability properties and thermodynamic properties of sustainable refrigerant dimethylether (RE170) using martin hou equation of state (MHEOS)	Equation of State, ODP, GWP, RF Number, Saturated Properties, Vapour Specic Volume.	37, 3, 869-880	10.18280/ijht.370325	Shaik, S.V., Babu, T.P.S.A. (2019). Computation of ecological properties, flammability properties and thermodynamic properties of sustainable refrigerant dimethylether (RE170) using martin hou equation of state (MHEOS). <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 869-880. https://doi.org/10.18280/ijht.370325
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56	Ye, Z.X., Jiang, Y.Y., Zhang, Y., Zou, J.F., Zheng, Y.	Effects of synthetic jet array on turbulent boundary layer	Synthetic Jet Array, Turbulent Boundary Layer, Hot-Wire, Drag Reduction.	37, 3, 893-898	10.18280/ijht.370327	Ye, Z.X., Jiang, Y.Y., Zhang, Y., Zou, J.F., Zheng, Y. (2019). Effects of synthetic jet array on turbulent boundary layer. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 3, pp. 893-898. https://doi.org/10.18280/ijht.370327
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63	Triveni, M.K., Panua, R.	Free convection in a caterpillar shaped triangular enclosure filled with different nanofluids	Natural Convection, Triangular Enclosure, Nanofluid, Rayleigh Number.	37, 2, 398-406	10.18280/ijht.370204	Triveni, M.K., Panua, R. (2019). Free convection in a caterpillar shaped triangular enclosure filled with different nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 398-406. https://doi.org/10.18280/ijht.370204
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71	Wang, W.T., Feng, B.Y.	Mechanical behavior and reliability of anchoring resin under thermomechanical coupling	Thermomechanical Coupling, Anchoring Resin, Mechanical Performance, Tensile Shear Strength, Rheological Performance.	37, 2, 466-470	10.18280/ijht.370212	Wang, W.T., Feng, B.Y. (2019). Mechanical behavior and reliability of anchoring resin under thermomechanical coupling. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 466-470. https://doi.org/10.18280/ijht.370212
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86	Lertsatithanakorn, C., Bamroongkhan, P., Sathapornprasath, K., Soponronnari, S.	Experimental performance and economic evaluation of a thermoelectric liquefied petroleum gas (TE-LPG) cook stove	Thermoelectric, Cook Stove, Conversion Efficiency, Payback Period.	37, 2, 575-582	10.18280/ijht.370227	Lertsatithanakorn, C., Bamroongkhan, P., Sathapornprasath, K., Soponronnari, S. (2019). Experimental performance and economic evaluation of a thermoelectric liquefied petroleum gas (TE-LPG) cook stove. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 575-582. https://doi.org/10.18280/ijht.370227
87	Pamuk, M.T.	Numerical investigation of the effects of the baffles added in a concentric pipe heat exchanger	Heat Transfer, Heat Exchangers, Concentric Pipes, Baffles, CFD.	37, 2, 583-588	10.18280/ijht.370228	Pamuk, M.T. (2019). Numerical investigation of the effects of the baffles added in a concentric pipe heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 583-588. https://doi.org/10.18280/ijht.370228
88	Liu, W.Y., Wen, H., Guo, J.	Inhibition mechanism of LDHs on coal spontaneous combustion based on thermogravimetric analysis	LDHs, Coal Spontaneous Combustion, Inhibition Mechanism, Thermal Gravimetric Analysis, Characteristic Temperature Point.	37, 2, 589-596	10.18280/ijht.370229	Liu, W.Y., Wen, H., Guo, J. (2019). Inhibition mechanism of LDHs on coal spontaneous combustion based on thermogravimetric analysis. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 589-596. https://doi.org/10.18280/ijht.370229
89	Sarifudin, A., Wijayanto, D.S., Widiasanti, I.	Parameters optimization of tube type, pressure, and mass fraction on vortex tube performance using the Taguchi method	Cooling Temperature, Coefficient of Performance Refrigeration (COP), Cooling Machine, Natural Cooling, Forced Cooling, Parameter Design, Efficient Experimental and Reliable Statistics.	37, 2, 597-604	10.18280/ijht.370230	Sarifudin, A., Wijayanto, D.S., Widiasanti, I. (2019). Parameters optimization of tube type, pressure, and mass fraction on vortex tube performance using the Taguchi method. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 597-604. https://doi.org/10.18280/ijht.370230
90	da Silveira Borabel, R., de Césaro Oliviski, R., Marczak, L.D.F.	Numerical study of the ohmic heating process applied to different food particles	Food Engineering, Thermal Processing of Food, Emerging Technologies of Food Processing, Volumetric Heat Generation, Ohmic Heating, Computational Fluid Dynamics (CFD), Ansys Fluent Code.	37, 2, 605-612	10.18280/ijht.370231	da Silveira Borabel, R., de Césaro Oliviski, R., Marczak, L.D.F. (2019). Numerical study of the ohmic heating process applied to different food particles. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 605-612. https://doi.org/10.18280/ijht.370231
91	Baruah, S., Chatterjee, S.	CFD analysis on an elliptical chamber muffler of a C.I. Engine	CFD Simulation, Muffler Acoustics, Transmission Loss, Turbulence Modelling.	37, 2, 613-619	10.18280/ijht.370232	Baruah, S., Chatterjee, S. (2019). CFD analysis on an elliptical chamber muffler of a C.I. engine. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 613-619. https://doi.org/10.18280/ijht.370232
92	Wu, W.T.	Economic analysis of energy consumption based on thermoeconomic cost analysis model	Energy Consumption, Residual Heat Utilization, Thermoeconomic Cost, Thermodynamics, Iron and Steel Enterprises.	37, 2, 620-624	10.18280/ijht.370233	Wu, W.T. (2019). Economic analysis of energy consumption based on thermoeconomic cost analysis model. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 620-624. https://doi.org/10.18280/ijht.370233

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94	Zhong, J., Jia, S.H., Liu, R.Y.	Improvement of indoor thermal environment in renovated huizhou architecture	Huizhou Architecture, Renovation, Wind Environment, Indoor Ventilation.	37, 2, 633-640	10.18280/ijht.370235	Zhong, J., Jia, S.H., Liu, R.Y. (2019). Improvement of indoor thermal environment in renovated Huizhou architecture. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 633-640. https://doi.org/10.18280/ijht.370235
95	Mollah, M.T.	EMHD laminar flow of bingham fluid between two parallel Riga plates	MHD Flow, Bingham Fluid, Riga Plate, Finite Difference Scheme, Heat Transfer.	37, 2, 641-648	10.18280/ijht.370236	Mollah, M.T. (2019). EMHD laminar flow of Bingham fluid between two parallel Riga plates. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 641-648. https://doi.org/10.18280/ijht.370236
96	Pengpom, N., Vongpradubchai, S., Rattanadecho, P.	Numerical study of a combined pollutant concentration dispersion and convective heat transfer in a two-dimensional factory model	Pollutant Concentration Dispersion, Convective Heat Transfer, Inconstant Diffusion Coefficient, Factory Model, Indoor Air Pollution.	37, 2, 649-658	10.18280/ijht.370237	Pengpom, N., Vongpradubchai, S., Rattanadecho, P. (2019). Numerical study of a combined pollutant concentration dispersion and convective heat transfer in a two-dimensional factory model. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 649-658. https://doi.org/10.18280/ijht.370237
97	Liu, H.L.	Design of a real-time bubble shape detector for gas-liquid two-phase flow in coalbed methane development wells based on optical sensors	Coalbed Methane (CBM), Gas-Liquid Two-Phase Flow, Optical Sensor, Bubble Velocity, Bubble Volume.	37, 2, 659-664	10.18280/ijht.370238	Liu, H.L. (2019). Design of a real-time bubble shape detector for gas-liquid two-phase flow in coalbed methane development wells based on optical sensors. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 659-664. https://doi.org/10.18280/ijht.370238
98	Bilonoga, Y., Maksysko, O.	The laws of distribution of the values of turbulent thermo-physical characteristics in the volume of the flows of heat carriers taking into account the surface forces	Turbulent Number Blurb., Turbulent and Transitional Viscosities, Turbulent and Transitional Conductivities, Coefficient of Surface Tension, Shell-and-Tube Heat Exchanger.	37, 1, 1-10	10.18280/ijht.370101	Bilonoga, Y., Maksysko, O. (2019). The laws of distribution of the values of turbulent thermo-physical characteristics in the volume of the flows of heat carriers taking into account the surface forces. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 1-10. https://doi.org/10.18280/ijht.370101
99	Haghighi, A.R., Pirhadi, N.	A numerical study of heat transfer and flow characteristics of pulsatile blood flow in a tapered artery with a combination of stenosis and aneurysm	Body Acceleration, Finite Difference Method, Heat Transfer, Cross Fluid, Stenosis and Aneurysm.	37, 1, 11-21	10.18280/ijht.370102	Haghighi, A.R., Pirhadi, N. (2019). A numerical study of heat transfer and flow characteristics of pulsatile blood flow in a tapered artery with a combination of stenosis and aneurysm. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 11-21. https://doi.org/10.18280/ijht.370102
100	Kumar, M., Biswal, R., Kumar, A.	Experimental investigation of solidification and remelting over cryocooled sphere using different concentrations of brine solution as phase change material	Brine Solution, Solid Sphere, Solidification, Melting, Natural Convection.	37, 1, 22-32	10.18280/ijht.370103	Kumar, M., Biswal, R., Kumar, A. (2019). Experimental investigation of solidification and remelting over cryocooled sphere using different concentrations of brine solution as phase change material. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 22-32. https://doi.org/10.18280/ijht.370103
101	Kumar, R., Chand, P.	Analytical investigation on solar air heater with fins and twisted tapes	Exergy Efficiency, Solar Air Heater, Thermal Efficiency, Twisted Tapes, Twist Ratio.	37, 1, 33-40	10.18280/ijht.370104	Kumar, R., Chand, P. (2019). Analytical investigation on solar air heater with fins and twisted tapes. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 33-40. https://doi.org/10.18280/ijht.370104
102	Dey, D., Khound, A.S.	Free convective oldroyd fluid flow through an annulus under transverse magnetic field using modified bessel functions	Relaxation and Retardation, Visco-Elastic Fluid, Modified Bessel Function, Shearing Stress, Annulus, Radiation.	37, 1, 41-47	10.18280/ijht.370105	Dey, D., Khound, A.S. (2019). Free convective oldroyd fluid flow through an annulus under transverse magnetic field using modified bessel functions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 41-47. https://doi.org/10.18280/ijht.370105
103	Ray, S., Tripathy, A.K., Sahoo, S.S., Singh, S.	Effect of inlet temperature of heat transfer fluid and wind velocity on the performance of parabolic trough solar collector receiver: A computational study	PTSC, Vacuum, Selective Coating, Thermal Efficiency, Circumferential Temperature Difference.	37, 1, 48-58	10.18280/ijht.370106	Ray, S., Tripathy, A.K., Sahoo, S.S., Singh, S. (2019). Effect of inlet temperature of heat transfer fluid and wind velocity on the performance of parabolic trough solar collector receiver: A computational study. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 48-58. https://doi.org/10.18280/ijht.370106
104	Mondal, M., Biswas, R., Shanchia, K., Hasan, M., Ahmed, S.F.	Numerical investigation with stability convergence analysis of chemically hydromagnetic cation nanofluid flow in the effects of thermophoresis and Brownian motion	Casson Nanofluid, EFD, Radiation, Chemical Reaction, MHD, Porous Medium.	37, 1, 59-70	10.18280/ijht.370107	Mondal, M., Biswas, R., Shanchia, K., Hasan, M., Ahmed, S.F. (2019). Numerical investigation with stability convergence analysis of chemically hydromagnetic cation nanofluid flow in the effects of thermophoresis and Brownian motion. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 59-70. https://doi.org/10.18280/ijht.370107
105	Wan, Q., Zheng, M., Yang, S.C.	Thermal effect analysis of laser processing cemented carbide micro-texture	Micro-Texture, Heat Affected Zone, Element Change, Micro-Cracks.	37, 1, 71-76	10.18280/ijht.370108	Wan, Q., Zheng, M., Yang, S.C. (2019). Thermal effect analysis of laser processing cemented carbide micro-texture. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 71-76. https://doi.org/10.18280/ijht.370108
106	Gerber, A.D., Gerber, E.A.	Oscillation frequency of flat ring of viscous capillary fluid	Fluid Mechanics, Flat Ring of Viscous Capillary Fluid, Oscillations.	37, 1, 77-79	10.18280/ijht.370109	Gerber, A.D., Gerber, E.A. (2019). Oscillation frequency of flat ring of viscous capillary fluid. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 77-79. https://doi.org/10.18280/ijht.370109
107	Shaik, S.V., Pottaranga Setty, A.B.T.	Thermodynamic analysis of window air conditioner using sustainable refrigerant R290/RE170 and R1270/RE170 blends as substitutes to refrigerant R22	COP, Discharge Temperature, R22 Alternatives, Sustainable Refrigerants, Volumetric Cooling Capacity.	37, 1, 80-94	10.18280/ijht.370110	Shaik, S.V., Pottaranga Setty, A.B.T. (2019). Thermodynamic analysis of window air conditioner using sustainable refrigerant R290/RE170 and R1270/RE170 blends as substitutes to refrigerant R22. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 80-94. https://doi.org/10.18280/ijht.370110
108	Zhang, S.	Curie temperature of low-dimensional ferromagnetic material	Low Dimension, Crystal, Curie Temperature.	37, 1, 95-99	10.18280/ijht.370111	Zhang, S. (2019). Curie temperature of low-dimensional ferromagnetic material. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 95-99. https://doi.org/10.18280/ijht.370111
109	Suri Tinnaluri, N., Devanuri, J.K.	Heatline visualization for thermal transport in complex solid domains with discrete heat sources at the bottom wall	Heatlines, Discrete Heat Source, Thermal Transport, Complex Solid Domains, Visualization, Finite Volume Method.	37, 1, 100-108	10.18280/ijht.370112	Suri Tinnaluri, N., Devanuri, J.K. (2019). Heatline visualization for thermal transport in complex solid domains with discrete heat sources at the bottom wall. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 100-108. https://doi.org/10.18280/ijht.370112
110	Zaheri, K., Bayareh, M., Nadooshan, A.A.	Numerical simulation of the motion of solid particles in a stirred tank	Stirred Tank, Mixing, Particle Concentration, Turbulent Flow, Eulerian-Eulerian Method, Eulerian-Lagrangian Method.	37, 1, 109-116	10.18280/ijht.370113	Zaheri, K., Bayareh, M., Nadooshan, A.A. (2019). Numerical simulation of the motion of solid particles in a stirred tank. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 109-116. https://doi.org/10.18280/ijht.370113
111	Liu, H.J., Liu, Z.G., Chen, N.	Kinetics analysis on chemical reactions of hydrocarbon fuel based on computer simulation	Hydrocarbon Fuel, Methane, Numerical Simulation, Chemical Reaction Kinetics.	37, 1, 117-122	10.18280/ijht.370114	Liu, H.J., Liu, Z.G., Chen, N. (2019). Kinetics analysis on chemical reactions of hydrocarbon fuel based on computer simulation. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 117-122. https://doi.org/10.18280/ijht.370114
112	Chordiya, J.S., Sharma, R.V.	Study of natural convection in fluid-saturated porous thermal insulations with multiple inclined diathermal partitions	Natural Convection, Porous Medium, Diathermal Partition, Numerical Scheme.	37, 1, 123-130	10.18280/ijht.370115	Chordiya, J.S., Sharma, R.V. (2019). Study of natural convection in fluid-saturated porous thermal insulations with multiple inclined diathermal partitions. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 123-130. https://doi.org/10.18280/ijht.370115
113	Jain, S., Gupta, P.	Entropy generation analysis of carbon nanotubes nanofluid 3D flow along a nonlinear inclined stretching sheet through porous media	CNTs, Entropy, Nonlinear Inclined Stretching Sheet, Porous Media.	37, 1, 131-138	10.18280/ijht.370116	Jain, S., Gupta, P. (2019). Entropy generation analysis of carbon nanotubes nanofluid 3D flow along a nonlinear inclined stretching sheet through porous media. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 131-138. https://doi.org/10.18280/ijht.370116
114	Xu, L.J., Wang, G.Y., Liu, T.Y., Liu, N.Z., Zhang, S.C., Sun, S.Y.	A new leakoff analysis approach for acid fracturing in naturally fractured carbonate gas reservoirs	Acid Fracturing, Acid Leakoff, Main Natural Fracture, Naturally Fractured Carbonate Gas Reservoir, Acid-Rock Reaction.	37, 1, 139-147	10.18280/ijht.370117	Xu, L.J., Wang, G.Y., Liu, T.Y., Liu, N.Z., Zhang, S.C., Sun, S.Y. (2019). A new leakoff analysis approach for acid fracturing in naturally fractured carbonate gas reservoirs. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 139-147. https://doi.org/10.18280/ijht.370117
115	Neacșu, S., Eparu, C., Neacșu, A.	The optimization of internal processes from a screw compressor with oil injection to increase performances	Energy, Entropy, Gas, Irreversible, Modelling, Optimization, Screw Compressor.	37, 1, 148-152	10.18280/ijht.370118	Neacșu, S., Eparu, C., Neacșu, A. (2019). The optimization of internal processes from a screw compressor with oil injection to increase performances. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 148-152. https://doi.org/10.18280/ijht.370118

116	Mohammad Samee, A.D., Afzal, A., Razak, A., Ramis, M.K.	Temperature and location of hot spots variation with spacing in a vertical parallel plate channel: conjugate view	Conjugate Heat Transfer, Hot Spots, Optimum Spacing, Nuclear Elements.	37, 1, 153-160	10.18280/ijht.370119	Mohammad Samee, A.D., Afzal, A., Razak, A., Ramis, M.K. (2019). Temperature and location of hot spots variation with spacing in a vertical parallel plate channel: conjugate view. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 153-160. https://doi.org/10.18280/ijht.370119
117	Yang, Z.	Mechanical properties of resin-grouted bolting under thermodynamic effect	Resin-Grouted Bolting, Temperature, Thermodynamic Effect, Bolt-Rock Interaction.	37, 1, 161-166	10.18280/ijht.370120	Yang, Z. (2019). Mechanical properties of resin-grouted bolting under thermodynamic effect. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 161-166. https://doi.org/10.18280/ijht.370120
118	Meghdiri, A., Benabdallah, T., Dellil, A.Z.E.	Impact of geometry of electronic components on cooling improvement	Cooling of Electronic Components, Sst Turbulence Model, Heat Transfer, Forced Convection.	37, 1, 167-178	10.18280/ijht.370121	Meghdiri, A., Benabdallah, T., Dellil, A.Z.E. (2019). Impact of geometry of electronic components on cooling improvement. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 167-178. https://doi.org/10.18280/ijht.370121
119	Pasha, K.M.K.	Controlling the nusselt number in a TiO ₂ /R134a nano-refrigerant system	Refrigeration, Nano-, Evaporator, Heat Flux, Reynolds.	37, 1, 179-187	10.18280/ijht.370122	Pasha, K.M.K. (2019). Controlling the nusselt number in a TiO ₂ /R134a nano-refrigerant system. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 179-187. https://doi.org/10.18280/ijht.370122
120	Zhang, D.S., Zhang, Y.X., Yang, Y., Li, B.H., Li, Q.	Numerical simulation of groundwater recharge from south-to-north water division project	Water of South-To-North Water Division Project, Artificial Recharge, Numerical Simulation, Groundwater Environment.	37, 1, 188-196	10.18280/ijht.370123	Zhang, D.S., Zhang, Y.X., Yang, Y., Li, B.H., Li, Q. (2019). Numerical simulation of groundwater recharge from south-to-north water division project. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 188-196. https://doi.org/10.18280/ijht.370123
121	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	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
122	Nam, N.N., Lee, S.D., You, S.S., Hong Phuc, B.D.	Dynamical analysis and active control for flow instabilities in boiling microchannel	Two-Phase Flow, Boiling Microchannel, Pressure Drop, Flow Instability, Bifurcation, Robust Control.	37, 1, 203-211	10.18280/ijht.370125	Nam, N.N., Lee, S.D., You, S.S., Hong Phuc, B.D. (2019). Dynamical analysis and active control for flow instabilities in boiling microchannel. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 203-211. https://doi.org/10.18280/ijht.370125
123	Zheng, X.Z., Wang, X.L., Guo, J., Zhang, D., Wang, B.Y.	Experimental study on CH ₄ displacement from coal seam fractured by liquid CO ₂	Low Permeability, Liquid CO ₂ Permeability Improvement Displacement, Influence Radius, Gas Drainage.	37, 1, 212-218	10.18280/ijht.370126	Zheng, X.Z., Wang, X.L., Guo, J., Zhang, D., Wang, B.Y. (2019). Experimental study on CH ₄ displacement from coal seam fractured by liquid CO ₂ . <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 212-218. https://doi.org/10.18280/ijht.370126
124	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	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
125	Bennini, M.A., Koukouch, A., Bakhtarr, I., Ashik, M., Boushaki, T., Sarh, B., Elorf, A., Cagnon, B., Bonnamy, S.	Characterization and combustion of olive pomace in a fixed bed boiler: Effects of particle sizes	Agricultural Waste, Biomass, Char Oxidation, Flue Gas, Grate Boiler, Ignition Front, Thermogravimetric Analysis, Volatile Matter.	37, 1, 229-238	10.18280/ijht.370128	Bennini, M.A., Koukouch, A., Bakhtarr, I., Ashik, M., Boushaki, T., Sarh, B., Elorf, A., Cagnon, B., Bonnamy, S. (2019). Characterization and combustion of olive pomace in a fixed bed boiler: Effects of particle sizes. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 229-238. https://doi.org/10.18280/ijht.370128
126	Shen, L.H., Wang, J.Y., Xu, S.L., Amoako-Atta, G.	Fire resistance behavior of full-scale self-thermal insulation sandwich walls made of textile-reinforced concrete	Textile-Reinforced Concrete (TRC), Self-Thermal Insulation Sandwich Wall, Full-Scale Specimen, Fire Resistance, Finite-Element Analysis.	37, 1, 239-248	10.18280/ijht.370129	Shen, L.H., Wang, J.Y., Xu, S.L., Amoako-Atta, G. (2019). Fire resistance behavior of full-scale self-thermal insulation sandwich walls made of textile-reinforced concrete. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 239-248. https://doi.org/10.18280/ijht.370129
127	Sánchez-Escalona, A.A., Góngora-Leyva, E.	Improvements to the heat transfer process on a hydrogen sulphide gas coolers system	Hydrogen Sulphide, Jacketed, Modeling, Shell-and-Tube Heat Exchanger, Thermal Analysis.	37, 1, 249-256	10.18280/ijht.370130	Sánchez-Escalona, A.A., Góngora-Leyva, E. (2019). Improvements to the heat transfer process on a hydrogen sulphide gas coolers system. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 249-256. https://doi.org/10.18280/ijht.370130
128	Camaraza-Medina, Y., Mortensen-Carlson, K., Guha, P., Rubio-Gonzales, Á.M., Cruz-Fonticella, O.M., García-Morales, O.F.	Suggested model for heat transfer calculation during fluid flow in single phase inside pipes (ii)	Single Phase, Model, Heat Transfer Coefficient, Average Deviation.	37, 1, 257-266	10.18280/ijht.370131	Camaraza-Medina, Y., Mortensen-Carlson, K., Guha, P., Rubio-Gonzales, Á.M., Cruz-Fonticella, O.M., García-Morales, O.F. (2019). Suggested model for heat transfer calculation during fluid flow in single phase inside pipes (ii). <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 257-266. https://doi.org/10.18280/ijht.370131
129	Xiang, J.	An elastic-plastic constitutive model of concrete based on thermodynamic principles and its application in arch dam design	Concrete, Constitutive Model, Thermodynamic Principles, Elastic-Plastic, Dam Safety.	37, 1, 267-272	10.18280/ijht.370132	Xiang, J. (2019). An elastic-plastic constitutive model of concrete based on thermodynamic principles and its application in arch dam design. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 267-272. https://doi.org/10.18280/ijht.370132
130	Sertikül, C., Datta, A.K., Rattanadecho, P.	Effect of layer arrangement on 2-D numerical analysis of freezing process in double layer porous packed bed	Freezing, Solidification, Double Layers, Layers Arrangement, Porous Medium, Permeability, Freezing Front, Moving Problem.	37, 1, 273-284	10.18280/ijht.370133	Sertikül, C., Datta, A.K., Rattanadecho, P. (2019). Effect of layer arrangement on 2-D numerical analysis of freezing process in double layer porous packed bed. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 273-284. https://doi.org/10.18280/ijht.370133
131	Al-Mamun, A., Arifuzzaman, S.M., Reza-E-Rabbi, S., Biswas, P., Shakhaath, K.M.	Computational modelling on MHD radiative sisko nanofluids flow through a nonlinearly stretching sheet	Stability and Convergence Analysis, Sisko Nanofluid, Higher Order Chemical Reaction, Porous Plate, Mhd, Thermal Radiation.	37, 1, 285-295	10.18280/ijht.370134	Al-Mamun, A., Arifuzzaman, S.M., Reza-E-Rabbi, S., Biswas, P., Shakhaath, K.M. (2019). Computational modelling on MHD radiative sisko nanofluids flow through a nonlinearly stretching sheet. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 285-295. https://doi.org/10.18280/ijht.370134
132	Ji, J., Liu, X.S., Tan, S.Y., Wang, M., Ni, W.	Effect of thermal curing on slurry stability and thermal conductivity coefficient of aerated concrete based on industrial solid wastes	Aerated Concrete, Thermal Conductivity Coefficient (TCC), Industrial Solid Wastes (ISWS), Temperature Slurry, Flue Gas Desulfurization (FGD) Gypsum.	37, 1, 296-302	10.18280/ijht.370135	Ji, J., Liu, X.S., Tan, S.Y., Wang, M., Ni, W. (2019). Effect of thermal curing on slurry stability and thermal conductivity coefficient of aerated concrete based on industrial solid wastes. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 296-302. https://doi.org/10.18280/ijht.370135
133	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	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
134	Mapa, L.D.P.P., Mendes, B.D.M., Bortolaia, L.A., Leal, E.M.	Study of the project parameters influence in the performance of solar collectors	Coefficient of Energy Loss, Instantaneous Efficiency, Optical Efficiency, Plane Solar Collector, Useful Energy Gain.	37, 1, 313-321	10.18280/ijht.370137	Mapa, L.D.P.P., Mendes, B.D.M., Bortolaia, L.A., Leal, E.M. (2019). Study of the project parameters influence in the performance of solar collectors. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 313-321. https://doi.org/10.18280/ijht.370137
135	Jessica, E.E., Felipe, G.M.J., José, P.S.F., Eduardo, O.S.L., Fabián, L.G.H.	Influence of the thermal conductivity of air on the moisture homogeneity of a tray dryer	Computational Fluid Dynamics (CFD), Local Values, Mandarin, Homogeneity, Dryers.	37, 1, 322-326	10.18280/ijht.370138	Jessica, E.E., Felipe, G.M.J., José, P.S.F., Eduardo, O.S.L., Fabián, L.G.H. (2019). Influence of the thermal conductivity of air on the moisture homogeneity of a tray dryer. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 322-326. https://doi.org/10.18280/ijht.370138
136	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	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
137	Ayil, E.	Cavitation in hydraulic turbines	Cavitation, Francis Turbine, Pelton Turbine, Kaplan Turbine, Hydropower.	37, 1, 334-344	10.18280/ijht.370140	Ayil, E. (2019). Cavitation in hydraulic turbines. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 334-344. https://doi.org/10.18280/ijht.370140
138	Hua, J., He, L., Yan, K., Wang, M.	Robotic slag offloading and process improvement of magnesium smelting in pidgeon process with faster region-based convolutional neural network	Robotic Slag Offloading, Positioning, Pidgeon Process, Magnesium Smelting, Faster Region-Based Convolutional Neural Network (Faster R-CNN).	37, 1, 345-350	10.18280/ijht.370141	Hua, J., He, L., Yan, K., Wang, M. (2019). Robotic slag offloading and process improvement of magnesium smelting in pidgeon process with faster region-based convolutional neural network. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 345-350. https://doi.org/10.18280/ijht.370141

139	Jagueneau, A., Jannot, Y., Degiovanni, A., Ding, T.T.	A steady-state method for the estimation of the thermal conductivity of a wire	Wire, Thermal Conductivity, Heat Transfer Coefficient, Steady State, Estimation Method.	37, 1, 351-356	10.18280/ijht.370142	Jagueneau, A., Jannot, Y., Degiovanni, A., Ding, T.T. (2019). A steady-state method for the estimation of the thermal conductivity of a wire. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 351-356. https://doi.org/10.18280/ijht.370142
140	Al-Abbasi, O., Sarac, B., Ayhan, T.	Experimental investigation and CFD modeling to assess the performance of solar air humidifier	Humidification-Dehumidification, Simulation, Performance Analysis, Evaporation Rate, Desalination.	37, 1, 357-364	10.18280/ijht.370143	Al-Abbasi, O., Sarac, B., Ayhan, T. (2019). Experimental investigation and CFD modeling to assess the performance of solar air humidifier. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 1, pp. 357-364. https://doi.org/10.18280/ijht.370143
141	Apra, C., Greco, A., Maiorino, A., Masselli, C.	The environmental impact of solid-state materials working in an active caloric refrigerator compared to a vapor compression cooler	Caloric Refrigeration, Environmental Impact, TEWI Analysis, Solid-State Materials, Vapor Compression, Electrocaloric, Elastocaloric, Magnetocaloric.	36, 4, 1155-1162	10.18280/ijht.360401	Apra, C., Greco, A., Maiorino, A., Masselli, C. (2018). The environmental impact of solid-state materials working in an active caloric refrigerator compared to a vapor compression cooler. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1155-1162. https://doi.org/10.18280/ijht.360401
142	Hussain, S.M., Sharma, R., Seth, G.S., Mishra, M.R.	Thermal radiation impact on boundary layer dissipative flow of magneto-nanofluid over an exponentially stretching sheet	Magneto-Nanofluid, Thermal Radiation, Heat Absorption, Viscous and Joule Dissipations, Navier's Velocity Slip.	36, 4, 1163-1173	10.18280/ijht.360402	Hussain, S.M., Sharma, R., Seth, G.S., Mishra, M.R. (2018). Thermal radiation impact on boundary layer dissipative flow of magneto-nanofluid over an exponentially stretching sheet. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1163-1173. https://doi.org/10.18280/ijht.360402
143	Shankar, V.K., Kumar, B.M., Murthy, C.S.	Experimental investigation and statistical analysis of operational parameters on temperature rise in rock drilling	Temperature, Rock Drilling, Multiple Regression, Thermocouple.	36, 4, 1174-1180	10.18280/ijht.360403	Shankar, V.K., Kumar, B.M., Murthy, C.S. (2018). Experimental investigation and statistical analysis of operational parameters on temperature rise in rock drilling. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1174-1180. https://doi.org/10.18280/ijht.360403
144	Hu, Y., Chen, C.B.	Thermodynamic performance analysis and simulation test of composite thermal insulation wall	Thermal Insulation Building Wall, Thermodynamic Analysis, Temperature Field, Temperature Stress, Simulation.	36, 4, 1181-1186	10.18280/ijht.360404	Hu, Y., Chen, C.B. (2018). Thermodynamic performance analysis and simulation test of composite thermal insulation wall. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1181-1186. https://doi.org/10.18280/ijht.360404
145	Asfar, J.A., Hamamre, Z., Owais, R.	Simulation of flameless combustion of diesel oil	Flameless Combustion, Liquid Diesel Oil, Adiabatic Flame Temperature, Ansys/Fluent Software, Simulation.	36, 4, 1187-1192	10.18280/ijht.360405	Asfar, J.A., Hamamre, Z., Owais, R. (2018). Simulation of flameless combustion of diesel oil. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1187-1192. https://doi.org/10.18280/ijht.360405
146	Moslemi, H.R., Keshkar, M.M.	Sensitivity analysis and thermal performance optimization of evacuated U-tube solar collector using genetic algorithm	Sensitivity Analysis, Thermal Performance, Optimization, Evacuated U-Tube, Solar Collector, Genetic Algorithm.	36, 4, 1193-1202	10.18280/ijht.360406	Moslemi, H.R., Keshkar, M.M. (2018). Sensitivity analysis and thermal performance optimization of evacuated U-tube solar collector using genetic algorithm. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1193-1202. https://doi.org/10.18280/ijht.360406
147	Ba, J.J., Su, C.T., Li, Y.Q., Tu, S.Y.	Characteristics of heat flow and geothermal fields in Ruidian, Western Yunnan Province, China	Ruidian Geothermal Field, Reservoir Temperature, Heat Flow, Geothermal Gradient.	36, 4, 1203-1211	10.18280/ijht.360407	Ba, J.J., Su, C.T., Li, Y.Q., Tu, S.Y. (2018). Characteristics of heat flow and geothermal fields in Ruidian, Western Yunnan Province, China. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1203-1211. https://doi.org/10.18280/ijht.360407
148	Abdulmunem, A.R., Jalil, J.M.	Indoor investigation and numerical analysis of PV cells temperature regulation using coupled PCM/Fins	Numerical Analysis, PV Cell, PCMFins, Temperature Regulation, Improved Performance.	36, 4, 1212-1222	10.18280/ijht.360408	Abdulmunem, A.R., Jalil, J.M. (2018). Indoor investigation and numerical analysis of PV cells temperature regulation using coupled PCMFins. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1212-1222. https://doi.org/10.18280/ijht.360408
149	Naksanee, W., Prommas, R.	An experimental investigation on the efficiency of snail entry in vortex tube fed low inlet air pressure to reduce temperature of low pressure air	Snail Entry, Vortex Tube, Inlet Air Pressure.	36, 4, 1223-1232	10.18280/ijht.360409	Naksanee, W., Prommas, R. (2018). An experimental investigation on the efficiency of snail entry in vortex tube fed low inlet air pressure to reduce temperature of low pressure air. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1223-1232. https://doi.org/10.18280/ijht.360409
150	Chen, L.	Economic analysis and optimization of energy technology based on the matrix model thermoeconomics theory	Thermoeconomics, Matrix Model, Energy Technology, Economic Analysis.	36, 4, 1233-1239	10.18280/ijht.360410	Chen, L. (2018). Economic analysis and optimization of energy technology based on the matrix model thermoeconomics theory. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1233-1239. https://doi.org/10.18280/ijht.360410
151	Toropov, E.V., Osintsev, K.V., Aliukov, S.V.	Analysis of the calculated and experimental dependencies of the combustion of coal dust on the basis of a new methodological base of theoretical studies of heat exchange processes	Fuel Combustion, Coal Dust, Burning of Coal Particles, Heat Exchange.	36, 4, 1240-1248	10.18280/ijht.360411	Toropov, E.V., Osintsev, K.V., Aliukov, S.V. (2018). Analysis of the calculated and experimental dependencies of the combustion of coal dust on the basis of a new methodological base of theoretical studies of heat exchange processes. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1240-1248. https://doi.org/10.18280/ijht.360411
152	Sapkal, N.P.	Role of chemiluminescence and radius of curvature in the stabilization of methane/helium lifted flames	Schmidt Number, Richardson Number, Buoyancy Effect, Chemiluminescence, Edge Flame Speed.	36, 4, 1249-1255	10.18280/ijht.360412	Sapkal, N.P. (2018). Role of chemiluminescence and radius of curvature in the stabilization of methane/helium lifted flames. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1249-1255. https://doi.org/10.18280/ijht.360412
153	Li, J.W., Guan, Q., Yang, H.	Winter energy consumption in reading space of green library in cold regions	Libraries, Green Building, Natural Lighting, Solar Energy, Energy Consumption.	36, 4, 1256-1261	10.18280/ijht.360413	Li, J.W., Guan, Q., Yang, H. (2018). Winter energy consumption in reading space of green library in cold regions. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1256-1261. https://doi.org/10.18280/ijht.360413
154	Komolafe, C.A., Oluwaleye, I.O., Adejumo, A.O.D., Waheed, M.A., Kuye, S.I.	Determination of moisture diffusivity and activation energy in the convective drying of fish	Tilapia Fish, Convective Drying, Moisture Diffusivity, Activation Energy.	36, 4, 1262-1267	10.18280/ijht.360414	Komolafe, C.A., Oluwaleye, I.O., Adejumo, A.O.D., Waheed, M.A., Kuye, S.I. (2018). Determination of moisture diffusivity and activation energy in the convective drying of fish. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1262-1267. https://doi.org/10.18280/ijht.360414
155	Debbah, D., Kholai, O., Filali, A.	Determination of a Hopf bifurcation of natural convection in a symmetric heated square cavity	Critical Rayleigh Number, Finite Volume Method, FT, Natural Convection, Hopf Bifurcation, Transient Regime.	36, 4, 1268-1275	10.18280/ijht.360415	Debbah, D., Kholai, O., Filali, A. (2018). Determination of a Hopf bifurcation of natural convection in a symmetric heated square cavity. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1268-1275. https://doi.org/10.18280/ijht.360415
156	Liu, W., Wang, S.L., Yang, T., Zhou, Y.	Analysis on thermodynamic performance of ancient pagodas considering flow heat transfer properties	Ancient Pagodas, Thermodynamic Performance, Heat Transfer Properties, Reflux Effect, Drifting.	36, 4, 1276-1282	10.18280/ijht.360416	Liu, W., Wang, S.L., Yang, T., Zhou, Y. (2018). Analysis on thermodynamic performance of ancient pagodas considering flow heat transfer properties. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1276-1282. https://doi.org/10.18280/ijht.360416
157	Youcef, A., Zineddine, D.A., Abed, M.	Impact of the grooves on the enhancement of heat transfer in an annular space of a rotor-stator	Grooves, Shear Stress Transport Model, Turbulence, Heat Transfer, ANSYS Fluent Code.	36, 4, 1283-1291	10.18280/ijht.360417	Youcef, A., Zineddine, D.A., Abed, M. (2018). Impact of the grooves on the enhancement of heat transfer in an annular space of a rotor-stator. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1283-1291. https://doi.org/10.18280/ijht.360417
158	Ajeel, R.K., Salim, W.S.W., Hasnan, K.	Numerical investigations of flow and heat transfer enhancement in a semicircle zigzag corrugated channel using nanofluids	Heat Transfer Enhancement, Turbulent Flow, Semicircle-corrugated Channel, Nanofluids, Zigzag Profile.	36, 4, 1292-1303	10.18280/ijht.360418	Ajeel, R.K., Salim, W.S.W., Hasnan, K. (2018). Numerical investigations of flow and heat transfer enhancement in a semicircle zigzag corrugated channel using nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1292-1303. https://doi.org/10.18280/ijht.360418
159	Liu, S.Q., Wang, X.X., Li, L., Feng, J.S., Liao, R.Q., Wang, X.W.	Critical liquid-carrying model for horizontal gas well	Horizontal Gas Well, Liquid Carrying, Gas Flow, Liquid Loading.	36, 4, 1304-1309	10.18280/ijht.360419	Liu, S.Q., Wang, X.X., Li, L., Feng, J.S., Liao, R.Q., Wang, X.W. (2018). Critical liquid-carrying model for horizontal gas well. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1304-1309. https://doi.org/10.18280/ijht.360419
160	Belarbi, A.A., Beriache, M., Bettahar, A.	Experimental study of aero-thermal heat sink performances subjected to impinging air flow	Heat Sink, Impinging Air Jet, Cooling, Case Temperature, Thermal Resistance, Pressure Drop.	36, 4, 1310-1317	10.18280/ijht.360420	Belarbi, A.A., Beriache, M., Bettahar, A. (2018). Experimental study of aero-thermal heat sink performances subjected to impinging air flow. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1310-1317. https://doi.org/10.18280/ijht.360420
161	Zheng, B., Sui, J.L.	Passive cooling influencing factors and formation mechanism analysis of the street space in Huizhou traditional dwellings	Huizhou Traditional Dwelling, Street Space, Passive Cooling, Influencing Factors, Formation Mechanism.	36, 4, 1318-1322	10.18280/ijht.360421	Zheng, B., Sui, J.L. (2018). Passive cooling influencing factors and formation mechanism analysis of the street space in Huizhou traditional dwellings. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1318-1322. https://doi.org/10.18280/ijht.360421

162	Handi, O., Brima, A., Moumni, N., Nebbar, H.	Experimental study of the performance of an earth to air heat exchanger located in arid zone during the summer period	Air-ground Heat Exchange, Buried Pipe, Energy Performance, Soil Temperature.	36, 4, 1323-1329	10.18280/ijht.360422	Handi, O., Brima, A., Moumni, N., Nebbar, H. (2018). Experimental study of the performance of an earth to air heat exchanger located in arid zone during the summer period. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1323-1329. https://doi.org/10.18280/ijht.360422
163	Moungar, H., Azzi, A., Sahli, Y., Haida, A.	Monthly fresh water yield analysis of three solar desalination units a comparative study in the south Algeria climatic condition	Solar Still, Distilled Water, Shadow, Immersed Fins, Solar Irradiation Flux.	36, 4, 1330-1335	10.18280/ijht.360423	Moungar, H., Azzi, A., Sahli, Y., Haida, A. (2018). Monthly fresh water yield analysis of three solar desalination units a comparative study in the south Algeria climatic condition. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1330-1335. https://doi.org/10.18280/ijht.360423
164	Guo, J., Liu, Y., Cheng, X.J., Yan, H., Xu, Y.Q.	A novel prediction model for the degree of rescue safety in mine thermal dynamic disasters based on fuzzy analytical hierarchy process and extreme learning machine	Mine Thermal Dynamic Disaster (MTDD), Fuzzy Analytical Hierarchy Process (FAHP), Extreme Learning Machine (ELM), Degree of Rescue Safety.	36, 4, 1336-1342	10.18280/ijht.360424	Guo, J., Liu, Y., Cheng, X.J., Yan, H., Xu, Y.Q. (2018). A novel prediction model for the degree of rescue safety in mine thermal dynamic disasters based on fuzzy analytical hierarchy process and extreme learning machine. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1336-1342. https://doi.org/10.18280/ijht.360424
165	Marahadige, S.L., Sridharanurthy, S.M., Jayraj, A.H., Mahabaleshwar, U.S., Lorenzini, G., Lorenzini, E.	Development of copper alloy by microwave hybrid heating technique and its characterization	Alloy, Microwaves, Hybrid Heating, Melting, Casting, SEM.	36, 4, 1343-1349	10.18280/ijht.360425	Marahadige, S.L., Sridharanurthy, S.M., Jayraj, A.H., Mahabaleshwar U.S., Lorenzini, G., Lorenzini, E. (2018). Development of copper alloy by microwave hybrid heating technique and its characterization. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1343-1349. https://doi.org/10.18280/ijht.360425
166	Ismail, I.A., Yusoff, M.Z., Ismail, F.B., Gunasegaran, P.	Heat transfer enhancement with nanofluids: A review of recent applications and experiments	Nanofluid, Thermal Conductivity, Applications of Nanofluids, Heat Transfer Enhancement.	36, 4, 1350-1361	10.18280/ijht.360426	Ismail, I.A., Yusoff, M.Z., Ismail, F.B., Gunasegaran, P. (2018). Heat transfer enhancement with nanofluids: A review of recent applications and experiments. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1350-1361. https://doi.org/10.18280/ijht.360426
167	Wang, Y., Hu, X.Y., Wu, S.Y.	Coupled heat and moisture transfer features of typical external thermal insulation systems	External Thermal Insulation (ETI), Exterior Wall, Moisture Content, Coupled Heat and Moisture, Thermal Insulation Effect.	36, 4, 1362-1366	10.18280/ijht.360427	Wang, Y., Hu, X.Y., Wu, S.Y. (2018). Coupled heat and moisture transfer features of typical external thermal insulation systems. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1362-1366. https://doi.org/10.18280/ijht.360427
168	Tassone, A., Gramiccia, L., Caruso, G.	Three-dimensional MHD flow and heat transfer in a channel with internal obstacle	Magnetohydrodynamics (MHD), Channel Flow with Obstacle, Nuclear Fusion Reactor, 3D Pressure Drop, Blanket Engineering.	36, 4, 1367-1377	10.18280/ijht.360428	Tassone, A., Gramiccia, L., Caruso, G. (2018). Three-dimensional MHD flow and heat transfer in a channel with internal obstacle. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1367-1377. https://doi.org/10.18280/ijht.360428
169	Indukuri, J.V., Maniyeri, R.	Numerical study of forced convection heat transfer in an oscillating lid driven cavity with heated top wall	Finite Volume Method, SIMPLE Algorithm, Oscillating Lid-driven Cavity, Reynolds Number, Prandtl Number.	36, 4, 1378-1387	10.18280/ijht.360429	Indukuri, J.V., Maniyeri, R. (2018). Numerical study of forced convection heat transfer in an oscillating lid driven cavity with heated top wall. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1378-1387. https://doi.org/10.18280/ijht.360429
170	Cheng, P., Zhang, J.H., Bai, D.	Establishment and optimization of fluid pipe network models based on topological analysis algorithm	Topological Analysis, Fluid Pipe Network, Two Pipe Networks, Optimization.	36, 4, 1388-1392	10.18280/ijht.360430	Cheng, P., Zhang, J.H., Bai, D. (2018). Establishment and optimization of fluid pipe network models based on topological analysis algorithm. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1388-1392. https://doi.org/10.18280/ijht.360430
171	Priyam, A., Chand, P.	Thermal performance of wavy finned absorber solar air heater	Wavy Fin, Thermal Performance, Fin Spacing, Mass Velocity.	36, 4, 1393-1403	10.18280/ijht.360431	Priyam, A., Chand, P. (2018). Thermal performance of wavy finned absorber solar air heater. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1393-1403. https://doi.org/10.18280/ijht.360431
172	Belhocine, A., Abdullah, O.I.	Similarity and numerical solutions for the L�ev�eque problem of boundary layer heat and mass transfer in Hagen-Poiseuille flow	Thermal Entrance Region, Thermal Boundary Layer, Temperature, Nusselt Number, Runge-Kutta Method.	36, 4, 1404-1413	10.18280/ijht.360432	Belhocine, A., Abdullah, O.I. (2018). Similarity and numerical solutions for the L�ev�eque problem of boundary layer heat and mass transfer in Hagen-Poiseuille flow. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1404-1413. https://doi.org/10.18280/ijht.360432
173	Huang, H.Y., Li, J.L., Liu, H.	Thermal analysis kinetics of Tartary buckwheat flour	Tartary Buckwheat Flour, Differential Thermal Analysis (DTA), Thermal Analysis Kinetics.	36, 4, 1414-1422	10.18280/ijht.360433	Huang, H.Y., Li, J.L., Liu, H. (2018). Thermal analysis kinetics of Tartary buckwheat flour. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1414-1422. https://doi.org/10.18280/ijht.360433
174	Jha, B.K., Musa, M.K.	Steady state pressure driven fluid flow in a cylindrical tube filled with bidisperse porous medium	Applied Constant Pressure Gradient, Bidisperse Porous Medium, Coefficient of Momentum Transfer, D'Alembert Method, Horizontal Tube.	36, 4, 1423-1429	10.18280/ijht.360434	Jha, B.K., Musa, M.K. (2018). Steady state pressure driven fluid flow in a cylindrical tube filled with bidisperse porous medium. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1423-1429. https://doi.org/10.18280/ijht.360434
175	Kumar, A., Singh, R., Shanker, Seth, G., Tripathi, R.	Soret effect on transient magnetohydrodynamic nanofluid flow past a vertical plate through a porous medium with second order chemical reaction and thermal radiation	Nanofluid, Soret Effect, MHD, Chemical Reaction, Porous Medium.	36, 4, 1430-1437	10.18280/ijht.360435	Kumar, A., Singh, R., Shanker Seth, G., Tripathi, R. (2018). Soret effect on transient magnetohydrodynamic nanofluid flow past a vertical plate through a porous medium with second order chemical reaction and thermal radiation. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1430-1437. https://doi.org/10.18280/ijht.360435
176	Jiao, H., Fang, Y.C.	Simulation and prediction of urban heat island effect of urban high-speed rail construction	Urban Heat Island (UHI) Effect, High-speed Rail (HSR) Construction, Urbanization, Surface Temperature, Population, Greyscale Theory.	36, 4, 1438-1442	10.18280/ijht.360436	Jiao, H., Fang, Y.C. (2018). Simulation and prediction of urban heat island effect of urban high-speed rail construction. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1438-1442. https://doi.org/10.18280/ijht.360436
177	Saadi, M.C., Bahi, L.	Effect of jet width and momentum coefficient of active control over NACA0012 airfoil using synthetic jet	Control, Flow Separation, Synthetic Jet, NACA0012 Profile.	36, 4, 1443-1449	10.18280/ijht.360437	Saadi, M.C., Bahi, L. (2018). Effect of jet width and momentum coefficient of active control over NACA0012 airfoil using synthetic jet. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1443-1449. https://doi.org/10.18280/ijht.360437
178	Parmar, A., Jain, S.	Radiative boundary-layer flow of an MHD Maxwell fluid with non-linear chemical reaction and heat source in a permeable channel	Radiative Boundary-layer Flow, MHD Maxwell Fluid, Non-linear Chemical Reaction, Porous Medium.	36, 4, 1450-1455	10.18280/ijht.360438	Parmar, A., Jain, S. (2018). Radiative boundary-layer flow of an MHD Maxwell fluid with non-linear chemical reaction and heat source in a permeable channel. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1450-1455. https://doi.org/10.18280/ijht.360438
179	Zhang, Z., Liao, R.Q., Fu, P., Su, Y.B., Luo, W., Zhang, D.X.	Critical gas velocity prediction for vortex drainage gas wells	Gas Well, Vortex Tool, Drainage Gas Recovery, Critical Gas Velocity, Swirling Flow, Friction Factor, Prediction Model, Reduction Amplitude.	36, 4, 1456-1462	10.18280/ijht.360439	Zhang, Z., Liao, R.Q., Fu, P., Su, Y.B., Luo, W., Zhang, D.X. (2018). Critical gas velocity prediction for vortex drainage gas wells. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1456-1462. https://doi.org/10.18280/ijht.360439
180	Kukreja, R., Jain, S., Aggarwal, R.S.	Two phase heat transfer and flow regimes of R-134a and R-410A during condensation in horizontal micro-fine tubes	Micro Fin Tubes, Flow Regimes, Condensation Heat Transfer, Pressure Drop, Helix Angle.	36, 4, 1463-1469	10.18280/ijht.360440	Kukreja, R., Jain, S., Aggarwal, R.S. (2018). Two phase heat transfer and flow regimes of R-134a and R-410A during condensation in horizontal micro-fine tubes. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1463-1469. https://doi.org/10.18280/ijht.360440
181	Shaik, S.V., Pottaranga Ashok Babu, T.	Thermodynamic performance analysis and flammability study of various new ozone friendly non azeotropic refrigerant mixtures as alternatives to replace R22 used in residential air conditioners	COP, Flammability, GWP, Power Savings, R22 Alternatives, R32/R134a/R1270 Blend.	36, 4, 1470-1481	10.18280/ijht.360441	Shaik, S.V., Pottaranga Ashok Babu, T. (2018). Thermodynamic performance analysis and flammability study of various new ozone friendly non azeotropic refrigerant mixtures as alternatives to replace R22 used in residential air conditioners. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1470-1481. https://doi.org/10.18280/ijht.360441
182	Cheng, S., Xie, X.B., Mima, Ampofo, G.K., Chu, J.P.	Rural household energy consumption behavior with neural network approach: A case study	Energy Consumption, Influencing Factors, Rural Survey, Neural Network.	36, 4, 1482-1492	10.18280/ijht.360442	Cheng, S., Xie, X.B., Mima Ampofo, G.K., Chu, J.P. (2018). Rural household energy consumption behavior with neural network approach: A case study. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1482-1492. https://doi.org/10.18280/ijht.360442
183	Bayareh, M., Nourbakhsh, A., Khadivar, M.E.	Numerical simulation of heat transfer over a flat plate with a triangular vortex generator	Vortex Generator, Nusselt Number, Triangular Wings, Spin Angle, Longitudinal Vortex.	36, 4, 1493-1501	10.18280/ijht.360443	Bayareh, M., Nourbakhsh, A., Khadivar, M.E. (2018). Numerical simulation of heat transfer over a flat plate with a triangular vortex generator. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1493-1501. https://doi.org/10.18280/ijht.360443
184	Kumar Gharai, S., Layek, A.	Heat transfer measurement in rectangular channel with detach ribs by liquid crystal thermography	Aspect Ratio, Detach Rib, Liquid Crystal Thermography, Relative Roughness Pitch, Thermal Performance Parameter.	36, 4, 1502-1509	10.18280/ijht.360444	Kumar Gharai, S., Layek, A. (2018). Heat transfer measurement in rectangular channel with detach ribs by liquid crystal thermography. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1502-1509. https://doi.org/10.18280/ijht.360444

185	Xu, L.J., Wang, G.Y., Liu, T.Y., Liu, N.Z., Zhang, S.C., Zhang, T.S.	Optimization of deployment pattern parameters of horizontal well fracturing in tight oil reservoirs	Horizontal Well Fracturing (HWF), Injection Well, Production Well, Tight Oil Reservoir, Well Spacing.	36, 4, 1510-1516	10.18280/ijht.360445	Xu, L.J., Wang, G.Y., Liu, T.Y., Liu, N.Z., Zhang, S.C., Zhang, T.S. (2018). Optimization of deployment pattern parameters of horizontal well fracturing in tight oil reservoirs. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1510-1516. https://doi.org/10.18280/ijht.360445
186	Shanker Seth, G., Kumar, R., Tripathi, R., Bhattacharyya, A.	Double diffusive MHD Casson fluid flow in a non-Darcy porous medium with Newtonian heating and thermo-diffusion effects	Casson Fluid, Magnetic Field, Thermal Radiation, Viscous and Joule Dissipations, Soret Effect.	36, 4, 1517-1527	10.18280/ijht.360446	Shanker Seth, G., Kumar, R., Tripathi R., Bhattacharyya, A. (2018). Double diffusive MHD Casson fluid flow in a non-Darcy porous medium with Newtonian heating and thermo-diffusion effects. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 4, pp. 1517-1527. https://doi.org/10.18280/ijht.360446
187	Ahmadi, M.H., Hajizadeh, F., Rahimzadeh, M., Shafiq, M.B., Chamkha, A.J., Lorenzini, G., Ghaseempour, R.	Application GMDH artificial neural network for modeling of Al_2O_3 water and Al_2O_3 /Ethylene glycol thermal conductivity	Nanofluid, Thermal Conductivity, GMDH, Artificial.	36, 3, 773-782	10.18280/ijht.360301	Ahmadi, M.H., Hajizadeh, F., Rahimzadeh, M., Shafiq, M.B., Chamkha, A.J., Lorenzini, G., Ghaseempour, R. (2018). Application GMDH artificial neural network for modeling of Al_2O_3 water and Al_2O_3 /Ethylene glycol thermal conductivity. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 773-782. https://doi.org/10.18280/ijht.360301
188	Haghighi, A.R., Aliashrafi, N.	Mathematical modeling of pulsatile blood flow and heat transfer under magnetic and vibrating environment	Body Acceleration, Crank-Nicolson Scheme, Heat Transfer, Magnetic Field, Stenosis.	36, 3, 783-790	10.18280/ijht.360302	Haghighi, A.R., Aliashrafi, N. (2018). Mathematical modeling of pulsatile blood flow and heat transfer under magnetic and vibrating environment. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 783-790. https://doi.org/10.18280/ijht.360302
189	Karoua, H., Moumni, A., Hamidat, A., Moumni, N., Aoues, K., Benchabane, A., Benchatti, A.	Experimental investigation and exergy analysis of an air heater with a solar concentrator used for drying processes	Solar Concentration, Air Heater, Rectangular Duct, Exergy, Experimental Study.	36, 3, 791-800	10.18280/ijht.360303	Karoua, H., Moumni, A., Hamidat, A., Moumni, N., Aoues, K., Benchabane, A., Benchatti, A. (2018). Experimental investigation and exergy analysis of an air heater with a solar concentrator used for drying processes. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 791-800. https://doi.org/10.18280/ijht.360303
190	Aprea, C., Greco, A., Maiorino, A., Masselli, C.	A comparison between different materials with mechanoacoloric effect	Caloric Cooling, Mechanoacoloric, Elastocaloric, Barocaloric, Caloric Effect, Caloric Materials.	36, 3, 801-807	10.18280/ijht.360304	Aprea, C., Greco, A., Maiorino, A., Masselli, C. (2018). A comparison between different materials with mechanoacoloric effect. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 801-807. https://doi.org/10.18280/ijht.360304
191	Rangasamy, P., Murugesan, N.	Soret and hall effect on unsteady free convection flow past an infinite vertical plate with oscillatory suction velocity and variable permeability	Oscillatory Suction Velocity, Uniform Magnetic Field, Eckert Number, Hall Effect, Soret Effect.	36, 3, 808-816	10.18280/ijht.360305	Rangasamy, P., Murugesan, N. (2018). Soret and hall effect on unsteady free convection flow past an infinite vertical plate with oscillatory suction velocity and variable permeability. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 808-816. https://doi.org/10.18280/ijht.360305
192	Dai, C.Q., Long, Y.X., Lv, Y.L., Wang, X.J., Hou, W.Z.	Research on seepage-stress coupling analyses of shallow buried and dug vertical overlapping tunnels	Vertical Overlapping Tunnel, Seepage stress Coupling, Shallow Burying, Coefficient of Permeability.	36, 3, 817-824	10.18280/ijht.360306	Dai, C.Q., Long, Y.X., Lv, Y.L., Wang, X.J., Hou, W.Z. (2018). Research on seepage-stress coupling analyses of shallow buried and dug vertical overlapping tunnels. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 817-824. https://doi.org/10.18280/ijht.360306
193	Javaherdeh, K., Vaisi, A., Moosavi, R.	The effects of fin height, fin-tube contact thickness and lower length on the performance of a compact fin-and-tube heat exchanger	Compact Heat Exchanger, Louvered Fins, Experimental, Numerical, Pressure Drop, Nusselt Number.	36, 3, 825-834	10.18280/ijht.360307	Javaherdeh, K., Vaisi, A., Moosavi, R. (2018). The effects of fin height, fin-tube contact thickness and lower length on the performance of a compact fin-and-tube heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 825-834. https://doi.org/10.18280/ijht.360307
194	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	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
195	Adibi, T.	Evaluation of using solar ammonia absorption cooling system for major cities of the Middle East	Middle East, Solar Cooling, HVAC, EES, Cooling Load.	36, 3, 840-846	10.18280/ijht.360309	Adibi, T. (2018). Evaluation of using solar ammonia absorption cooling system for major cities of the Middle East. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 840-846. https://doi.org/10.18280/ijht.360309
196	Yu, Y., Xu, X., Hao, W.X.	Study on the wall optimization of solar greenhouse based on temperature field experiment and CFD simulation	Greenhouse, Temperature Field, Experiment, CFD, Wall Optimization.	36, 3, 847-854	10.18280/ijht.360310	Yu, Y., Xu, X., Hao, W.X. (2018). Study on the wall optimization of solar greenhouse based on temperature field experiment and CFD simulation. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 847-854. https://doi.org/10.18280/ijht.360310
197	Chabane F., Moumni N., Brima A.	Experimental study of thermal efficiency of a solar air heater with an irregularity element on absorber plate	Semi-Cylindrical Baffle, Thermal Efficiency, Outlet Temperature, Solar Irradiation, Flat Plate.	36, 3, 855-860	10.18280/ijht.360311	Chabane, F., Moumni, N., Brima, A. (2018). Experimental study of thermal efficiency of a solar air heater with an irregularity element on absorber plate. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 855-860. https://doi.org/10.18280/ijht.360311
198	Wang H., Qin Y.P., Han X.X., Liu E.L., Dong Z.Y.	Dimensionless analysis of transient temperature field of surrounding rock in roadway based on Finite Volume Method	Similar Simulation Experiment, Transient, Roadway, Dimensionless, Unstable Heat Transfer Criterion.	36, 3, 861-868	10.18280/ijht.360312	Wang, H., Qin, Y.P., Han, X.X., Liu, E.L., Dong, Z.Y. (2018). Dimensionless analysis of transient temperature field of surrounding rock in roadway based on Finite Volume Method. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 861-868. https://doi.org/10.18280/ijht.360312
199	Ingele 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	10.18280/ijht.360313	Ingele, 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
200	Wei W., Mei H.Z., Xue P.	Fibre Bragg Grating sensing based temperature monitoring system of power transformer	Fibre Bragg Grating sensor, Power Transformer, Monitoring System, GAAS Material.	36, 3, 877-882	10.18280/ijht.360314	Wei, W., Mei, H.Z., Xue, P. (2018). Fibre Bragg Grating sensing based temperature monitoring system of power transformer. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 877-882. https://doi.org/10.18280/ijht.360314
201	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	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
202	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	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
203	Ghasemkhani A., Farahat S., Naserian M.M.	Thermodynamic investigation and optimization Trigenation system for the provision of power, heating, and cooling: A case study of Zahedan, Iran	Exergy Analysis, Kalina Cycle, Trigenation, Solar Energy, Finite Time Thermodynamics.	36, 3, 904-912	10.18280/ijht.360317	Ghasemkhani, A., Farahat, S., Naserian, M.M. (2018). Thermodynamic investigation and optimization Trigenation 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
204	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	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
205	Benlekham 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	10.18280/ijht.360319	Benlekham, 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
206	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	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
207	Arifuzzaman S.M., Mehedi F.U., Al-Mamun A., Biswas P., Islam R., Khan S.	Magneto-hydrodynamic 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	10.18280/ijht.360321	Arifuzzaman, S.M., Mehedi, F.U., Al-Mamun, A., Biswas, P., Islam, R., Khan, S. (2018). Magneto-hydrodynamic 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

208	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 Two-phase.	36, 3, 949-954	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
209	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	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
210	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	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
211	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	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
212	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	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
213	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	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
214	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	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
215	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	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
216	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	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
217	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	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
218	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	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
219	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	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
220	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	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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225	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	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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230	Jiao Y.L., Wang X.H.	Comparative experiment of enhanced heat transfer performance between water-based magnetic fluid heat pipe and ordinary water heat pipe under magnetic field	Heat Pipe, Enhanced Heat Transfer, Heat Transfer Rate.	36, 3, 1116-1120	10.18280/ijht.360344	Jiao, Y.L., Wang, X.H. (2018). Comparative experiment of enhanced heat transfer performance between water-based magnetic fluid heat pipe and ordinary water heat pipe under magnetic field. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 3, pp. 1116-1120. https://doi.org/10.18280/ijht.360344

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243	Doghmi H., Abourida B., Belarche L., Sannad M., Ouzouit 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	10.18280/ijht.360209	Doghmi, H., Abourida, B., Belarche, L., Sannad, M., Ouzouit, 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
244	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	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
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261	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 MoS_2 Casson Nanofluid, Ramped Wall Temperature.	36, 2, 619-631	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
262	Yao W.L., Jiang S.Y., Tao S., Fei W.	Chloride diffusion analysis of reinforced concrete beam enhanced with externally bonded fibre reinforced polymer considering the presence of rebars and stirrups	Externally Bonded Fibre Reinforced Polymer (EBFRP), Enhanced Reinforced Concrete (RC) Beam, Chloride Diffusion, Longitudinal Bars, Stirrups.	36, 2, 632-642	10.18280/ijht.360228	Yao, W.L., Jiang, S.Y., Tao, S., Fei, W. (2018). Chloride diffusion analysis of reinforced concrete beam enhanced with externally bonded fibre reinforced polymer considering the presence of rebars and stirrups. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 632-642. https://doi.org/10.18280/ijht.360228
263	Bazgir A., Nabhani N.	Computational fluid dynamics comparison of separation performance analysis of uniform and nonuniform counter-flow Ranque-Hilsch Vortex Tubes (RHVTs)	Divergent Vortex Tube, Convergent Vortex Tube, Isentropic Efficiency (η_{is}), Coefficient of Performance (COP), CFD.	36, 2, 643-656	10.18280/ijht.360229	Bazgir, A., Nabhani, N. (2018). Computational fluid dynamics comparison of separation performance analysis of uniform and nonuniform counter-flow Ranque-Hilsch Vortex Tubes (RHVTs). <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 643-656. https://doi.org/10.18280/ijht.360229
264	Wang K., Zhai X.W., Deng J., Liu X.R., Zhang Y.N.	Application of liquid CO_2 conveying technology for fire control in goaf	Liquid CO_2 Transport System, Coal Spontaneous Combustion, Fire Control, Long-Distance Pipe, Large Vertical Depth.	36, 2, 657-662	10.18280/ijht.360230	Wang, K., Zhai, X.W., Deng, J., Liu, X.R., Zhang, Y.N. (2018). Application of liquid CO_2 conveying technology for fire control in goaf. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 657-662. https://doi.org/10.18280/ijht.360230
265	Roy U., Majumder M.	An effective krill herd based optimal NN for parameter evaluation in Shell-And-Tube heatexchangers	Heat Transfer, Optimization, Fish, Neura Network, Hidden Layer and Neuron, Energy And Efficiency.	36, 2, 663-671	10.18280/ijht.360231	Roy, U., Majumder, M. (2018). An effective krill herd based optimal NN for parameter evaluation in Shell-And-Tube heat exchangers. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 663-671. https://doi.org/10.18280/ijht.360231
266	Fan B.F., Shui Q.X., Yang Y.L.	Numerical simulation of the effects of diaphragm length on potential flow around a circular cylinder with rear diaphragm	Finite-Element Analysis, Rear Diaphragm, Potential Flow Around A Circular Cylinder, Multi-Step Format (MSF), Characteristicbased Operator Splitting (CBOP).	36, 2, 672-676	10.18280/ijht.360232	Fan, B.F., Shui, Q.X., Yang, Y.L. (2018). Numerical simulation of the effects of diaphragm length on potential flow around a circular cylinder with rear diaphragm. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 672-676. https://doi.org/10.18280/ijht.360232
267	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	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
268	Jia Y.X., Mei Y.G.	Numerical simulation of pressure waves induced by high-speed maglev trains passing through tunnels	High-Speed Maglev Train, Numerical Simulation, Method of Characteristics, Pressure Wave, Tunnel.	36, 2, 687-696	10.18280/ijht.360234	Jia, Y.X., Mei, Y.G. (2018). Numerical simulation of pressure waves induced by high-speed maglev trains passing through tunnels. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 687-696. https://doi.org/10.18280/ijht.360234
269	Pati B., Sharma B., Palo A., Barman R.N.	Numerical investigation of pin-fin thermal performance for staggered and inline arrays at low Reynolds number	Pin Fins, Sst K- ϵ Turbulence Model, Fluent, Staggered, Inline, Nusselt Number.	36, 2, 697-703	10.18280/ijht.360235	Pati, B., Sharma, B., Palo, A., Barman, R.N. (2018). Numerical investigation of pin-fin thermal performance for staggered and inline arrays at low Reynolds number. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 697-703. https://doi.org/10.18280/ijht.360235
270	Wei W., Chen N., Zhang J.F., Zhang X.Y.	Design of an intelligent rapid nozzle cleaning control system for fused deposition modelling 3D printers	FDM, DSC, Nozzle Cleaning, 3D Printer.	36, 2, 704-708	10.18280/ijht.360236	Wei, W., Chen, N., Zhang, J.F., Zhang, X.Y. (2018). Design of an intelligent rapid nozzle cleaning control system for fused deposition modelling 3D printers. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 704-708. https://doi.org/10.18280/ijht.360236
271	Oyelami F.H., Dada M.S.	Unsteady magnetohydrodynamic flow of some non-Newtonian fluids with slip through porous channel	Non-Newtonian Fluid, Slip, Porous Medium, Eyring-Powell Model, Prandtl-leying Model.	36, 2, 709-713	10.18280/ijht.360237	Oyelami, F.H., Dada, M.S. (2018). Unsteady magnetohydrodynamic flow of some non-Newtonian fluids with slip through porous channel. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 709-713. https://doi.org/10.18280/ijht.360237
272	Sharma B., Kumar B., Barman R.N.	Numerical investigation of cu-water nanofluid in a differentially heated square cavity with conducting solid square cylinder at center	Fluent, Lid Driven Cavity, Nanofluids, Nanoparticles, Conducting Cylinder.	36, 2, 714-722	10.18280/ijht.360238	Sharma, B., Kumar, B., Barman, R.N. (2018). Numerical investigation of cu-water nanofluid in a differentially heated square cavity with conducting solid square cylinder at center. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 714-722. https://doi.org/10.18280/ijht.360238
273	Wu Z., Tang C.J., Zhang W., Liu W.J.	Correlation analysis between orientation and energy consumption of semi-underground ski slope in hot summer and cold winter region	Hot Summer and Cold Winter Region, Semiunderground Ski Slope (SUSS), Quantitative Analysis, Orientation, Energy Consumption.	36, 2, 723-729	10.18280/ijht.360239	Wu, Z., Tang, C.J., Zhang, W., Liu, W.J. (2018). Correlation analysis between orientation and energy consumption of semi-underground ski slope in hot summer and cold winter region. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 723-729. https://doi.org/10.18280/ijht.360239
274	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	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
275	Chand S., Chand P.	Performance evaluation of solar air heater equipped with louvered fins	Effective Efficiency, Solar Air Heater, Louvered Fin, Thermal Efficiency.	36, 2, 741-751	10.18280/ijht.360241	Chand, S., Chand, P. (2018). Performance evaluation of solar air heater equipped with louvered fins. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 741-751. https://doi.org/10.18280/ijht.360241
276	Yu P.F., Zhang X.S.	Heat and humidity features and energy saving potential of temperature and humidity independent control air-conditioning system using refrigerant mixture	Coefficient of Performance (COP), Temperature and Humidity Independent Control (THIC), Double Evaporating Temperature (DET) Chiller.	36, 2, 752-760	10.18280/ijht.360242	Yu, P.F., Zhang, X.S. (2018). Heat and humidity features and energy saving potential of temperature and humidity independent control air-conditioning system using refrigerant mixture. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 752-760. https://doi.org/10.18280/ijht.360242

277	Ragui K., Boutra A., Benkahlia Y.K., Bennacer R.	Circular heat and solute source within a viscoplastic porous enclosure: The critical source dimension for optimum transfers	Thermosolutal Convection, Bingham Plastics, Porous Medium, Circular Pollutant Source, Finite Volume Approach, Cut-Cell Approach, Proposed Models.	36, 2, 761-772	10.18280/ijht.360243	Ragui, K., Boutra, A., Benkahlia, Y.K., Bennacer, R. (2018). Circular heat and solute source within a viscoplastic porous enclosure: The critical source dimension for optimum transfers. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 2, pp. 761-772. https://doi.org/10.18280/ijht.360243
278	Kumar P.V., Ibrahim S.M., Lorenzini G.	The study of three dimensional radiative MHD Casson nanofluid over an exponential porous stretching sheet with heat source under convective boundary conditions	Three-Dimensional Flow, Casson Fluid, Exponentially Stretching Sheet, Radiation, HAM.	36, 1, 1-10	10.18280/ijht.360101	Kumar, P.V., Ibrahim, S.M., Lorenzini, G. (2018). The study of three dimensional radiative MHD Casson nanofluid over an exponential porous stretching sheet with heat source under convective boundary conditions. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 1-10. https://doi.org/10.18280/ijht.360101
279	Bilonoga Y., Maksysko O.	Specific features of heat exchangers calculation considering the laminar boundary layer, the transitional and turbulent thermal conductivity of heat carriers	Laminar Boundary Layer, Average Thickness of the Laminar Boundary Layer, Overall Heat Transfer Coefficient, Shell-and-tube Heat Exchanger, Criterion of Turbulent Thermal Conductivity of the Coolant, Coefficient of Surface Tension.	36, 1, 11-20	10.18280/ijht.360102	Bilonoga, Y., Maksysko, O. (2018). Specific features of heat exchangers calculation considering the laminar boundary layer, the transitional and turbulent thermal conductivity of heat carriers. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 11-20. https://doi.org/10.18280/ijht.360102
280	Benhouia A.T., Teggat M., Benchati A.	Effect of sand as thermal damper integrated in flat plate water solar thermal collector	Flat Plate Solar Collector, Sand, Thermal Damper, Short Term Thermal Storage.	36, 1, 21-25	10.18280/ijht.360103	Benhouia, A.T., Teggat, M., Benchati, A. (2018). Effect of sand as thermal damper integrated in flat plate water solar thermal collector. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 21-25. https://doi.org/10.18280/ijht.360103
281	Pamuk M.T., Savaş A., Seçgin Ö., Arda E.	Numerical simulation of transient heat transfer in friction-stir welding	Friction Stir Welding, Aluminum, Moving Heat Source, Transient Heat Conduction.	36, 1, 26-30	10.18280/ijht.360104	Pamuk, M.T., Savaş, A., Seçgin, Ö., Arda, E. (2018). Numerical simulation of transient heat transfer in friction-stir welding. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 26-30. https://doi.org/10.18280/ijht.360104
282	Tian Y.B., Hu A.J.	Study on critical speed of rotation in the multistage high speed centrifugal pumps rotors	Critical Speed of Rotation, Fluid-structure Interaction, Multistage Centrifugal Pump, Rotor Dynamics.	36, 1, 31-39	10.18280/ijht.360105	Tian, Y.B., Hu, A.J. (2018). Study on critical speed of rotation in the multistage high speed centrifugal pumps rotors. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 31-39. https://doi.org/10.18280/ijht.360105
283	Rasool A., Qayoum A.	Numerical analysis of heat transfer and friction factor in two-pass channels with variable rib shapes	Local Heat Transfer Coefficient, Numerical Simulation, Ribs, Turbine Blade Internal Cooling.	36, 1, 40-48	10.18280/ijht.360106	Rasool, A., Qayoum, A. (2018). Numerical analysis of heat transfer and friction factor in two-pass channels with variable rib shapes. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 40-48. https://doi.org/10.18280/ijht.360106
284	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	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
285	Parmar A., Jain S.	MHD Powell-Eyring fluid flow with non-linear radiation and variable thermal conductivity over a permeable cylinder	Non-linear Radiation, Non-linear Heat Source, Variable Thermal Conductivity, Powell-Eyring Fluid.	36, 1, 56-64	10.18280/ijht.360108	Parmar, A., Jain, S. (2018). MHD Powell-Eyring fluid flow with non-linear radiation and variable thermal conductivity over a permeable cylinder. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 56-64. https://doi.org/10.18280/ijht.360108
286	Cui X., Gao L., Liu J.X.	Wind tunnel test study on the influence of railing ventilation rate on the vortex vibration characteristics of the main beam	Bridge Engineering, Vortex-Induced Vibration, Aerodynamic Measure, Wind Tunnel Test.	36, 1, 65-71	10.18280/ijht.360109	Cui, X., Gao, L., Liu, J.X. (2018). Wind tunnel test study on the influence of railing ventilation rate on the vortex vibration characteristics of the main beam. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 65-71. https://doi.org/10.18280/ijht.360109
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288	Chen X.C., Guan J.F., Deng S.S., Liu Q., Chen M.	Features and mechanism of abrasive water jet cutting of Q345 steel	Abrasive Water Jet (AWJ), Smoothed-Particle Hydrodynamics (SPH), Finite-Element Method (FEM), Erosion.	36, 1, 81-87	10.18280/ijht.360111	Chen, X.C., Guan, J.F., Deng, S.S., Liu, Q., Chen, M. (2018). Features and mechanism of abrasive water jet cutting of Q345 steel. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 81-87. https://doi.org/10.18280/ijht.360111
289	Kanaan M., Chahine K.	CFD study of ventilation for indoor multi-zone transformer substation	Ventilation Schemes, Numerical Modeling, Transformer Substation, Turbulent Flow, Thermal Field.	36, 1, 88-94	10.18280/ijht.360112	Kanaan, M., Chahine, K. (2018). CFD study of ventilation for indoor multi-zone transformer substation. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 88-94. https://doi.org/10.18280/ijht.360112
290	Li H.X., Hao Z.D., Zhang Q.	Evaluating the cleaning performance of rectangular slot nozzle and diffuser	Rectangular Slot Nozzle, Diffuser, Pulse Jet Cleaning, Computational Fluid Dynamics (CFD).	36, 1, 95-101	10.18280/ijht.360113	Li, H.X., Hao, Z.D., Zhang, Q. (2018). Evaluating the cleaning performance of rectangular slot nozzle and diffuser. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 95-101. https://doi.org/10.18280/ijht.360113
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292	He F., Wang J., Chen W.	Numerical simulation and analysis of the effect of baffle distance and depth on solid-liquid two-phase flow in circular secondary clarifier	Circular Secondary Clarifier (CSC), Peripheral Inlet and Outlet (PIO), Numerical Simulation, Velocity Field, Sludge Volume Concentration Field.	36, 1, 111-117	10.18280/ijht.360115	He, F., Wang, J., Chen, W. (2018). Numerical simulation and analysis of the effect of baffle distance and depth on solid-liquid two-phase flow in circular secondary clarifier. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 111-117. https://doi.org/10.18280/ijht.360115
293	Krishna V.M.	Emissions control and performance evaluation of spark ignition engine with oxy-hydrogen blending	Emissions, HHO Gas, Spark Ignition Engine, Specific Fuel Consumption, Thermal Efficiency.	36, 1, 118-124	10.18280/ijht.360116	Krishna, V.M. (2018). Emissions control and performance evaluation of spark ignition engine with oxy-hydrogen blending. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 118-124. https://doi.org/10.18280/ijht.360116
294	Guan F.W., Zhang F., Cao N.L., Liu Q., Liu J., Yu S.M., Guan H.Y.	Thermal control design and experimental verification of light off-axis space optical remote sensor in the sun-synchronous orbit	Sun-Synchronous Orbit, Space Optical Remote Sensor, Thermal Control Design, Thermal Balance Test.	36, 1, 125-132	10.18280/ijht.360117	Guan, F.W., Zhang, F., Cao, N.L., Liu, Q., Liu, J., Yu, S.M., Guan, H.Y. (2018). Thermal control design and experimental verification of light off-axis space optical remote sensor in the sun-synchronous orbit. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 125-132. https://doi.org/10.18280/ijht.360117
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296	Tian P., Nie L., Zhan G.F.	Analysis of asphalt wettability based on spreading radius	Viscous Fluid, Wetting, Spreading, Adhesion Ability, Interfacial Tension, Surface Energy.	36, 1, 141-146	10.18280/ijht.360119	Tian, P., Nie, L., Zhan, G.F. (2018). Analysis of asphalt wettability based on spreading radius. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 141-146. https://doi.org/10.18280/ijht.360119
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298	Chi M.S., Wang Q., Liu H.Q., Wang Z.C., Liu Q.	Characteristic analysis of gas & solid phase flow in oil shale pyrolysis circulating fluidized bed	Gas & Solid Phase Flow, Oil Shale, CFB, Computational Fluid Mechanics of Particles.	36, 1, 159-164	10.18280/ijht.360121	Chi, M.S., Wang, Q., Liu, H.Q., Wang, Z.C., Liu, Q. (2018). Characteristic analysis of gas & solid phase flow in oil shale pyrolysis circulating fluidized bed. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 159-164. https://doi.org/10.18280/ijht.360121
299	Mukherjee S., Mishra P.C., Chaudhuri P., Banerjee G.	Theoretical modeling and optimization of microchannel heat sink cooling with TiO ₂ -water and ZnO-water nanofluids	Nanofluids, Electronic Cooling, Microchannel, Heatsink, Optimization, EES.	36, 1, 165-172	10.18280/ijht.360122	Mukherjee, S., Mishra, P.C., Chaudhuri, P., Banerjee, G. (2018). Theoretical modeling and optimization of microchannel heat sink cooling with TiO ₂ -water and ZnO-water nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 165-172. https://doi.org/10.18280/ijht.360122

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301	Reddy G.V.S.K., Ramesh K.V.	Mass transfer enhancement in a three-phase fluidized bed electrochemical reactor	Mass Transfer Coefficient, Fluidized Bed, Three-Phase Fluidization, Augmentation, Turbulent Promoter.	36, 1, 182-188	10.18280/ijht.360124	Reddy, G.V.S.K., Ramesh, K.V. (2018). Mass transfer enhancement in a three-phase fluidized bed electrochemical reactor. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 182-188. https://doi.org/10.18280/ijht.360124
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303	Praveena D.N., Rao C.S., Kiran K.K.	Suitability of magnetic nanofluid in heat transfer loops	Heat Transfer, Pumping Power, Electronic Cooling, Figure of Merit, Magnetic Field.	36, 1, 195-200	10.18280/ijht.360126	Praveena, D.N., Rao, C.S., Kiran, K.K. (2018). Suitability of magnetic nanofluid in heat transfer loops. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 195-200. https://doi.org/10.18280/ijht.360126
304	Zhang X.B., Yang M.	Based on FDM numerical simulation research on the factors influencing heat release in wet airway	Surrounding Rock Temperature, Wetness Factor, Water Evaporation, Heat Release, Moisture Content.	36, 1, 201-206	10.18280/ijht.360127	Zhang, X.B., Yang, M. (2018). Based on FDM numerical simulation research on the factors influencing heat release in wet airway. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 201-206. https://doi.org/10.18280/ijht.360127
305	Sarojamma G., Sreelakshmi K., Vajravelu K.	Effects of dual stratification on non-orthogonal non-Newtonian fluid flow and heat transfer	Non-orthogonal Flow, Casson Fluid, Stagnation Point, Stratification, Thermal Radiation.	36, 1, 207-214	10.18280/ijht.360128	Sarojamma, G., Sreelakshmi, K., Vajravelu, K. (2018). Effects of dual stratification on non-orthogonal non-Newtonian fluid flow and heat transfer. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 207-214. https://doi.org/10.18280/ijht.360128
306	Liu F.	Numerical analysis of droplet atomization in wet electrostatic precipitator based on computational particle-fluid dynamics	Wet Electrostatic Precipitator, Computational Particle-Fluid Dynamics (CPFD), Numerical Simulation, Droplet Atomization.	36, 1, 215-221	10.18280/ijht.360129	Liu, F. (2018). Numerical analysis of droplet atomization in wet electrostatic precipitator based on computational particle-fluid dynamics. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 215-221. https://doi.org/10.18280/ijht.360129
307	Asif A., Mohammed S.A.D., Razak R.K.A., Ramis M.K.	Heat transfer characteristics of MWCNT nanofluid in rectangular mini channels	MWCNT, Water, Nanofluid, Rectangular Minichannels, Thermal Analysis.	36, 1, 222-228	10.18280/ijht.360130	Asif, A., Mohammed, S.A.D., Razak, R.K.A., Ramis, M.K. (2018). Heat transfer characteristics of MWCNT nanofluid in rectangular mini channels. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 222-228. https://doi.org/10.18280/ijht.360130
308	Zhang J.X., Sun W.G., Niu F.S., Wang L., Zhao Y.W., Han M.M.	Atmospheric sulfuric acid leaching thermodynamics from metallurgical zinc-bearing dust sludge	Zinc-Bearing Dust Sludge, Leaching, Thermodynamics, Potential (ϕ -pH Dominant Area Diagram.	36, 1, 229-236	10.18280/ijht.360131	Zhang, J.X., Sun, W.G., Niu, F.S., Wang, L., Zhao, Y.W., Han, M.M. (2018). Atmospheric sulfuric acid leaching thermodynamics from metallurgical zinc-bearing dust sludge. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 229-236. https://doi.org/10.18280/ijht.360131
309	Al-Farhany K., Abdulkadhim A.	Numerical investigation of conjugate natural convection heat transfer in a square porous cavity heated partially from left sidewall	Natural Convection, Conjugate, Porous, Enclosure, COMSOL.	36, 1, 237-244	10.18280/ijht.360132	Al-Farhany, K., Abdulkadhim, A. (2018). Numerical investigation of conjugate natural convection heat transfer in a square porous cavity heated partially from left sidewall. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 237-244. https://doi.org/10.18280/ijht.360132
310	Zhang, J., Liu, N.N.	Supercritical cyclic steam stimulation of wellbore temperature and pressure distribution in Lukeqin oilfield	Supercritical Cyclic Steam Stimulation (CSS), Wellbore Temperature, Wellbore Pressure.	36, 1, 245-251	10.18280/ijht.360133	Zhang, J., Liu, N.N. (2018). Supercritical cyclic steam stimulation of wellbore temperature and pressure distribution in Lukeqin oilfield. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 245-251. https://doi.org/10.18280/ijht.360133
311	Gorantla, K., Shaik, S., Setty, A.B.T.P.R.	Thermal and cost analysis of float and various tinted double window glass configurations on heat gain into buildings of hot & dry climatic zone in India	Spectrophotometer, Glass Window, Solar Optical Properties, Double Glass Window.	36, 1, 252-260	10.18280/ijht.360134	Gorantla, K., Shaik, S., Setty, A.B.T.P.R. (2018). Thermal and cost analysis of float and various tinted double window glass configurations on heat gain into buildings of hot & dry climatic zone in India. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 252-260. https://doi.org/10.18280/ijht.360134
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313	Saravanan, V., Umesh, C.K., Seetharamu, D.H.K.	Numerical investigation of pressure drop and heat transfer in pin fin heat sink and micro channel pin fin heat sink	Micro Channel, Micro Pin Fin, Heat Sink, Square Pin Fin, Circular Pin Fin, Fined Micro Channel.	36, 1, 267-276	10.18280/ijht.360136	Saravanan, V., Umesh, C.K., Seetharamu, D.H.K. (2018). Numerical investigation of pressure drop and heat transfer in pin fin heat sink and micro channel pin fin heat sink. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 267-276. https://doi.org/10.18280/ijht.360136
314	Zhang, C.H., Qiu, J.S., Guan, X., Hou, P.J., Huang, W.	Research on thermal performance of external thermal insulation composite concrete wall block	Concrete Wall, Thermal Performance, Heat Transfer Resistance, Thermal Inertia, H- Shaped Wall Block Structure.	36, 1, 277-281	10.18280/ijht.360137	Zhang, C.H., Qiu, J.S., Guan, X., Hou, P.J., Huang, W. (2018). Research on thermal performance of external thermal insulation composite concrete wall block. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 277-281. https://doi.org/10.18280/ijht.360137
315	Kumar, S., Priyam, A., Prasad, R.K.	Thermal, effective and exergetic analysis of double flow packed bed solar air heater	Packed Bed, Energy Analysis, Temperature Rise, Effective Efficiency, Exergy Analysis.	36, 1, 282-292	10.18280/ijht.360138	Kumar, S., Priyam, A., Prasad, R.K. (2018). Thermal, effective and exergetic analysis of double flow packed bed solar air heater. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 282-292. https://doi.org/10.18280/ijht.360138
316	Hu, Q.L., Shi, G.W., Jiang, F., Zhou, H.D., Li, Z.H., Yang, L., Zhang, X.J.	Thermal environment adaptability design of space-based infrared imaging system	Space-based, Infrared Imaging, Thermal Environment, Non-thermal Design, Thermal Control.	36, 1, 293-300	10.18280/ijht.360139	Hu, Q.L., Shi, G.W., Jiang, F., Zhou, H.D., Li, Z.H., Yang, L., Zhang, X.J. (2018). Thermal environment adaptability design of space-based infrared imaging system. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 293-300. https://doi.org/10.18280/ijht.360139
317	Sartor, K., Thomas, D., Dewallef, P.	A comparative study for simulating heat transport in large district heating networks	District Heating Network, DHN, Pipe, Dynamic Simulation, Heat Transport.	36, 1, 301-308	10.18280/ijht.360140	Sartor, K., Thomas, D., Dewallef, P. (2018). A comparative study for simulating heat transport in large district heating networks. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 301-308. https://doi.org/10.18280/ijht.360140
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319	Medina, Y.C., Khandy, N.H., Carlson, K.M., Fonticciella, O.M.C., Morales, O.F.C.	Mathematical modeling of two-phase media heat transfer coefficient in air cooled condenser systems	Equation, Roshenow's Correction, Condensation, Deviation, Heat Transfer.	36, 1, 319-324	10.18280/ijht.360142	Medina, Y.C., Khandy, N.H., Carlson, K.M., Fonticciella, O.M.C., Morales, O.F.C. (2018). Mathematical modeling of two-phase media heat transfer coefficient in air cooled condenser systems. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 319-324. https://doi.org/10.18280/ijht.360142
320	Deka, B., Choudhury, R.	On hydromagnetic flow of a second-grade fluid induced by an inclined plate	Heat Transfer, Mass Transfer, Inclined Plate, MHD, Visco-Elastic, Heat Generation.	36, 1, 325-331	10.18280/ijht.360143	Deka, B., Choudhury, R. (2018). On hydromagnetic flow of a second-grade fluid induced by an inclined plate. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 325-331. https://doi.org/10.18280/ijht.360143
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322	Kannan, K.G., Kamatchi, R., Venkatasulpathi, T., Krishnan, A.S.	Enhanced heat transfer by thermosyphon method in electronic devices	Electronic Cooling, Closed Loop Thermosyphon, Latent Heat of Evaporation, Thermal Resistance.	36, 1, 339-343	10.18280/ijht.360145	Kannan, K.G., Kamatchi, R., Venkatasulpathi, T., Krishnan, A.S. (2018). Enhanced heat transfer by thermosyphon method in electronic devices. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 339-343. https://doi.org/10.18280/ijht.360145

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325	Bensayah, K., Mahfoudi, E.	Detached eddy simulation of compressible flow with rapid expanded divergent contour	Compressible Flow, Detached Eddy Simulation, SST Model, Nozzle, Over-expanded, Shock.	36, 1, 359-366	10.18280/ijht.360148	Bensayah, K., Mahfoudi, E. (2018). Detached eddy simulation of compressible flow with rapid expanded divergent contour. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 359-366. https://doi.org/10.18280/ijht.360148
326	Touatit, A., Bougriou, C.	Optimal diameters of triple concentric-tube heat exchangers	Heat Exchanger, Concentric-tube, Design, Energy, Cost.	36, 1, 367-375	10.18280/ijht.360149	Touatit, A., Bougriou, C. (2018). Optimal diameters of triple concentric-tube heat exchangers. <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 367-375. https://doi.org/10.18280/ijht.360149
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328	Magrini A., Lazzari S., Marengo L., Guazzi G.	A procedure to evaluate the most suitable integrated solutions for increasing energy performance of the building's envelope, avoiding moisture problems	EPBD, Energy Performance, Vapour Condensation Risk, Cost Analysis, Building Refurbishment.	35, 4, 689-699	10.18280/ijht.350401	Magrini A., Lazzari S., Marengo L., Guazzi G. (2017). A procedure to evaluate the most suitable integrated solutions for increasing energy performance of the building's envelope, avoiding moisture problems. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 689-699. https://doi.org/10.18280/ijht.350401
329	Huang X.Q., Zhang D.L., Zhang X.	Stability of secondary atomization locations of atomizer nozzles for humidification chambers	Humidification Chamber, Atomization Features, Critical Pressure, Secondary Atomization.	35, 4, 700-706	10.18280/ijht.350402	Huang X.Q., Zhang D.L., Zhang X. (2017). Stability of secondary atomization locations of atomizer nozzles for humidification chambers. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 700-706. https://doi.org/10.18280/ijht.350402
330	Liu Y.L., Zhu H.Q., Huang S.G.	Effect of structural parameters of high-pressure water jet nozzles on flow field features	High-Pressure (HP) Water Jet, Nozzle Structure, Flow Field Features, Numerical Simulation.	35, 4, 707-712	10.18280/ijht.350403	Liu Y.L., Zhu H.Q., Huang S.G. (2017). Effect of structural parameters of high-pressure water jet nozzles on flow field features. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 707-712. https://doi.org/10.18280/ijht.350403
331	Wen Y., Wu Z.H., Wang J.L., Wu J., Yin Q.G., Luo W.	Experimental study of liquid holdup of liquid-gas two-phase flow in horizontal and inclined pipes	Liquid Holdup, Liquid-gas Two-phase Flow, Horizontal and Inclined Pipe, Gas-liquid Ratio, Pipe Diameter, Liquid Type, Pipe Inclination.	35, 4, 713-720	10.18280/ijht.350404	Wen Y., Wu Z.H., Wang J.L., Wu J., Yin Q.G., Luo W. (2017). Experimental study of liquid holdup of liquid-gas two-phase flow in horizontal and inclined pipes. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 713-720. https://doi.org/10.18280/ijht.350404
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339	Wang X.D., Wang X.Y., Lan L., Pu Y.Y.	Turbulence features of jet flow field in mine stopes	Dimensionless Coefficient, Jet Width, Jet Length, Turbulence Intensity, Reynolds Stress.	35, 4, 779-784	10.18280/ijht.350412	Wang X.D., Wang X.Y., Lan L., Pu Y.Y. (2017). Turbulence features of jet flow field in mine stopes. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 779-784. https://doi.org/10.18280/ijht.350412
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351	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	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
352	Benyoucef D., Zerroual 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	10.18280/ijht.350425	Benyoucef D., Zerroual 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
353	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	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
354	Nahak M.P., Triveni M.K., Panua R.	Numerical investigation of mixed convection in a lid-driven triangular cavity with a circular cylinder using ANN modeling	Mixed Convection, Triangular Enclosure, Grashof Number, Richardson Number, ANN.	35, 4, 903-918	10.18280/ijht.350427	Nahak M.P., Triveni M.K., Panua R. (2017). Numerical investigation of mixed convection in a lid-driven triangular cavity with a circular cylinder using ANN modeling. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 903-918. https://doi.org/10.18280/ijht.350427
355	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	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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357	Cetin E., Cetkin E.	The effect of cavities and T-shaped assembly of fins on overall thermal resistances	Constructal Law, Heat Transfer Enhancement, Cavity, Fin, Convective Heat Transfer.	35, 4, 944-952	10.18280/ijht.350430	Cetin E., Cetkin E. (2017). The effect of cavities and T-shaped assembly of fins on overall thermal resistances. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 944-952. https://doi.org/10.18280/ijht.350430
358	Zhao Y.S., Li P., Yin Q.L., Wang T.	Effect of suction nozzle structure on reverse circulation performance of down-the-hole hammer drill bit	Down-The-Hole (DTH) Hammer Drilling, Reverse Circulation (RC), Drill Bit, Computational Fluid Dynamics (CFD).	35, 4, 953-958	10.18280/ijht.350431	Zhao Y.S., Li P., Yin Q.L., Wang T. (2017). Effect of suction nozzle structure on reverse circulation performance of down-the-hole hammer drill bit. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 953-958. https://doi.org/10.18280/ijht.350431
359	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	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
360	Jasim H.H., Söylemez M.S.	Optimization of a rectangular pin fin using rectangular perforations with different inclination angles	Fin, Incline Perforation, Natural Convection, Degenerate Hypergeometric Equation, Optimization, Entropy Minimization.	35, 4, 969-977	10.18280/ijht.350433	Jasim H.H., Söylemez M.S. (2017). Optimization of a rectangular pin fin using rectangular perforations with different inclination angles. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 969-977. https://doi.org/10.18280/ijht.350433
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362	Emam T.G., Elmagboud 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	10.18280/ijht.350435	Emam T.G., Elmagboud 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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377	Bataineh K., Taamneh Y.	Performance analysis of stand-alone solar dish Stirling system for electricity generation	Standalone Solar Dish Stirling, Solar Thermal Power, Performance, Energy Conversion Efficiency, SAM, Techno Economic.	35, 3, 498-508	10.18280/ijht.350306	Bataineh K., Taamneh Y. (2017). Performance analysis of stand-alone solar dish Stirling system for electricity generation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 498-508. https://doi.org/10.18280/ijht.350306
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383	Fei J.B., Wen H.	Experimental research on temperature variation and crack development in coalfield fire	Coal Seam, Overlying Strata, Temperature Variation, Thermal Destruction, Crack Development.	35, 3, 559-566	10.18280/ijht.350312	Fei J.B., Wen H. (2017). Experimental research on temperature variation and crack development in coalfield fire, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 559-566. https://doi.org/10.18280/ijht.350312
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386	Li J., Zhang W.M.	Experimental research on hydraulic characteristic of centrifugal pump in plateau	Experimental Research, Plateau, Centrifugal Pump, Hydraulic Characteristics, Pressure, Flow, Efficiency.	35, 3, 585-593	10.18280/ijht.350315	Li J., Zhang W.M. (2017). Experimental research on hydraulic characteristic of centrifugal pump in plateau, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 585-593. https://doi.org/10.18280/ijht.350315
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397	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	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. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 663-667. https://doi.org/10.18280/ijht.350326
398	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	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. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 668-672. https://doi.org/10.18280/ijht.350327
399	Mohamed S., Mokhtar A., Chatti T.B.	Numerical simulation of the compressible flow in convergent-divergent nozzle	Converging-diverging Nozzle, Turbulence, Shock Wave, Supersonic, Compressible Flow, Finite Volume.	35, 3, 673-677	10.18280/ijht.350328	Mohamed S., Mokhtar A., Chatti T.B. (2017). Numerical simulation of the compressible flow in convergent-divergent nozzle. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 673-677. https://doi.org/10.18280/ijht.350328
400	Bilonoga Y., Maksysko O.	Modeling the interaction of coolant flows at the liquid-solid boundary with allowance for the laminar boundary layer	Average Thickness of the Laminar Boundary Layers, Surface Number, Turbulence Coefficient, Surfactants, Coefficient of Surface Tension.	35, 3, 678-682	10.18280/ijht.350329	Bilonoga Y., Maksysko O. (2017). Modeling the interaction of coolant flows at the liquid-solid boundary with allowance for the laminar boundary layer. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 678-682. https://doi.org/10.18280/ijht.350329
401	Li Z., Li J., Yang W., Liang J.B.	The simplified calculation model of pneumatic garbage transportation at acceleration period in horizontal straight pipe	Pneumatic Garbage Collection, Horizontal Straight Pipe, Simplified Model, Equivalent Drag Coefficient, Equivalent Particle Number Ratio.	35, 3, 683-687	10.18280/ijht.350330	Li Z., Li J., Yang W., Liang J.B. (2017). The simplified calculation model of pneumatic garbage transportation at acceleration period in horizontal straight pipe. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 683-687. https://doi.org/10.18280/ijht.350330
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403	Scafetta N., Mirandola A., Bianchini A.	Natural climate variability, part 1: Observations versus the modeled predictions	Climate Change, Post 2000 Temperature Standstill, Climate Models, Natural Climatic Oscillations.	35, Sp. 1, S9-S17	10.18280/ijht.35Sp0102	Scafetta N., Mirandola A., Bianchini A. (2017). Natural climate variability, part 1: Observations versus the modeled predictions. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S9-S17. https://doi.org/10.18280/ijht.35Sp0102
404	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	10.18280/ijht.35Sp0103	Scafetta N., Mirandola A., Bianchini A. (2017). Natural climate variability, part 2: Interpretation of the post 2000 temperature standstill. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S18-S26. https://doi.org/10.18280/ijht.35Sp0103
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409	Arteconi A., Polonara F.	Demand side management in refrigeration applications	Refrigeration, DSM, DR, Flexibility.	35, Sp. 1, S58-S63	10.18280/ijht.35Sp0108	Arteconi A., Polonara F. (2017). Demand side management in refrigeration applications. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S58-S63. https://doi.org/10.18280/ijht.35Sp0108
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411	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D.	Predictive methods to estimate the producibility of PVT solar collectors	Electrical Analogy, Solar Collectors, PV/T Collectors.	35, Sp. 1, S71-S77	10.18280/ijht.35Sp0110	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D. (2017). Predictive methods to estimate the producibility of PVT solar collectors. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S71-S77. https://doi.org/10.18280/ijht.35Sp0110
412	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F.	Law of motion of reflectors for a linear Fresnel plant	Concentrating Solar Power, Linear Fresnel, Law of Motion, Primary Reflectors.	35, Sp. 1, S78-S86	10.18280/ijht.35Sp0111	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F. (2017). Law of motion of reflectors for a linear Fresnel plant. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S78-S86. https://doi.org/10.18280/ijht.35Sp0111
413	Cannistraro G., Cannistraro M., Trovato G.	Islands "Smart Energy" for eco-sustainable energy a case study "Favignana Island"	Sustainable Energy, Photovoltaic, Wind Power, Energy Swell, Water Resources.	35, Sp. 1, S87-S95	10.18280/ijht.35Sp0112	Cannistraro G., Cannistraro M., Trovato G. (2017). Islands "Smart Energy" for eco-sustainable energy a case study "Favignana Island". <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S87-S95. https://doi.org/10.18280/ijht.35Sp0112
414	Puglia M., Pedrazzi S., Allesina G., Morselli N., Tartarini P.	Vine prunings biomass as fuel in wood stoves for thermal power production	Efficiency, Power, Prunings, Stove, Vine.	35, Sp. 1, S96-S101	10.18280/ijht.35Sp0113	Puglia M., Pedrazzi S., Allesina G., Morselli N., Tartarini P. (2017). Vine prunings biomass as fuel in wood stoves for thermal power production. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S96-S101. https://doi.org/10.18280/ijht.35Sp0113

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416	Marino C., Nucera A., Nucera G., Pietrafesa M.	Economic, energetic and environmental analysis of the waste management system of Reggio Calabria	Waste, Recycling, Landfill, Greenhouse Gas Emission.	35, Sp. 1, S108-S116	10.18280/ijht.35Sp0115	Marino C., Nucera A., Nucera G., Pietrafesa M. (2017). Economic, energetic and environmental analysis of the waste management system of Reggio Calabria. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S108-S116. https://doi.org/10.18280/ijht.35Sp0115
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418	Fatch A., Borelli D., Devia F., Weindler H.	Dynamic modelling of the solar radiation exposure effects on the thermal performance of a PCM-integrated wall	PCM, Solar, Dynamic Modeling, Horizontal, Sun Declination Angle.	35, Sp. 1, S123-S129	10.18280/ijht.35Sp0117	Fatch A., Borelli D., Devia F., Weindler H. (2017). Dynamic modelling of the solar radiation exposure effects on the thermal performance of a PCM-integrated wall. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S123-S129. https://doi.org/10.18280/ijht.35Sp0117
419	Calabrò P.S., Panzera M.F.	Biomethane production tests on ensiled orange peel waste	Anaerobic Digestion Process, Biogas, Ensilage, Methane, Orange Peel Waste.	35, Sp. 1, S130-S136	10.18280/ijht.35Sp0118	Calabrò P.S., Panzera M.F. (2017). Biomethane production tests on ensiled orange peel waste. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S130-S136. https://doi.org/10.18280/ijht.35Sp0118
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421	Quinlan B., Kaufmann B., Allesina G., Pedrazzi S., Hasty J., Puglia M., Morselli N., Tartarini P.	The use of on-line colorimetry for tar content evaluation in gasification systems	Biomass, Gasification, Syngas, Tars, Light Absorbance.	35, Sp. 1, S145-S151	10.18280/ijht.35Sp0120	Quinlan B., Kaufmann B., Allesina G., Pedrazzi S., Hasty J., Puglia M., Morselli N., Tartarini P. (2017). The use of on-line colorimetry for tar content evaluation in gasification systems. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S145-S151. https://doi.org/10.18280/ijht.35Sp0120
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425	Malaguti V., Lodi C., Sassatelli M., Pedrazzi S., Allesina G., Tartarini P.	Dynamic behavior investigation of a micro biomass CHP system for residential use	Gasification, Trmys, Combined Heat and Power, Dynamic Simulation, Biomass.	35, Sp. 1, S172-S178	10.18280/ijht.35Sp0124	Malaguti V., Lodi C., Sassatelli M., Pedrazzi S., Allesina G., Tartarini P. (2017). Dynamic behavior investigation of a micro biomass CHP system for residential use. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S172-S178. https://doi.org/10.18280/ijht.35Sp0124
426	Casano G., Fossa M., Piva S.	Design and experimental characterization of a CPC solar collector	Solar Thermal Collector, Non-imaging Optics, CPC.	35, Sp. 1, S179-S185	10.18280/ijht.35Sp0125	Casano G., Fossa M., Piva S. (2017). Design and experimental characterization of a CPC solar collector. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S179-S185. https://doi.org/10.18280/ijht.35Sp0125
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434	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V.	Optimization of microclimate control systems for air-conditioned environments	Dynamic Simulation, Air Conditioning, Control Systems, Microclimate, Energy Efficiency.	35, Sp. 1, S236-S243	10.18280/ijht.35Sp0133	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V. (2017). Optimization of microclimate control systems for air-conditioned environments. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S236-S243. https://doi.org/10.18280/ijht.35Sp0133
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440	Huminic G., Huminic A.	Numerical analysis of hybrid nanofluids as coolants for automotive applications	Hybrid Nanofluids, Flat Tube, Heat Transfer.	35, Sp. 1, S288-S292	10.18280/ijht.35Sp0139	Huminic G., Huminic A. (2017). Numerical analysis of hybrid nanofluids as coolants for automotive applications. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S288-S292. https://doi.org/10.18280/ijht.35Sp0139
441	Gotovsky M.A., Kolpakov S.P., Mikhailov V.E., Sukhorukov Y.G., Trifonov N.N.	Ways of dimpling use for efficiency improvement of shell and tube heat exchangers with finned tubes	Plate-and-Tube Heat Exchanger, Heat Transfer Enhancement, Dimples, Plane Fins.	35, Sp. 1, S293-S299	10.18280/ijht.35Sp0140	Gotovsky M.A., Kolpakov S.P., Mikhailov V.E., Sukhorukov Y.G., Trifonov N.N. (2017). Ways of dimpling use for efficiency improvement of shell and tube heat exchangers with finned tubes. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S293-S299. https://doi.org/10.18280/ijht.35Sp0140
442	Borreani W., Chersola D., Lomonaco G., Misale M.	Assessment of a 2D CFD model for a single phase natural circulation loop	CFD, Natural Circulation, ANSYS-FLUENT, Single Phase, Rectangular Loop.	35, Sp. 1, S300-S306	10.18280/ijht.35Sp0141	Borreani W., Chersola D., Lomonaco G., Misale M. (2017). Assessment of a 2D CFD model for a single phase natural circulation loop. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S300-S306. https://doi.org/10.18280/ijht.35Sp0141
443	Lassandro P., Turi S.D.	Energy efficiency and resilience against increasing temperatures in summer: the use of PCM and cool materials in buildings	Climate Change Resilience, PCM, Cool Materials, Cooling Energy Saving, Retrofit.	35, Sp. 1, S307-S315	10.18280/ijht.35Sp0142	Lassandro P., Turi S.D. (2017). Energy efficiency and resilience against increasing temperatures in summer: the use of PCM and cool materials in buildings. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S307-S315. https://doi.org/10.18280/ijht.35Sp0142
444	Bottarelli M., Bortoloni M.	On the heat transfer through roof tile coverings	Ventilated Roof, Above Sheathing Ventilation, Tile Air Permeability, CFD, Novel Tile Shapes.	35, Sp. 1, S316-S321	10.18280/ijht.35Sp0143	Bottarelli M., Bortoloni M. (2017). On the heat transfer through roof tile coverings. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S316-S321. https://doi.org/10.18280/ijht.35Sp0143
445	Zaccone R., Sacile R., Fossa M.	Energy modelling and decision support algorithm for the exploitation of biomass resources in industrial districts	Biomass, Cogeneration, District Heating, CHP Plant, Optimization.	35, Sp. 1, S322-S329	10.18280/ijht.35Sp0144	Zaccone R., Sacile R., Fossa M. (2017). Energy modelling and decision support algorithm for the exploitation of biomass resources in industrial districts. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S322-S329. https://doi.org/10.18280/ijht.35Sp0144
446	Mahabaleswar U., Lorenzini G.	Combined effect of heat source/sink and stress work on MHD Newtonian fluid flow over a stretching porous sheet	MHD, Newtonian Fluid, Stretching/Shrinking Sheet, Porous Medium, Mass Transfer, Non-Linear Differential Equation, Heat Transfer, Kummer'S Function.	35, Sp. 1, S330-S335	10.18280/ijht.35Sp0145	Mahabaleswar U., Lorenzini G. (2017). Combined effect of heat source/sink and stress work on MHD Newtonian fluid flow over a stretching porous sheet. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S330-S335. https://doi.org/10.18280/ijht.35Sp0145
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448	Saio C., Nocentini K., Tagliacico L.A., Biwole P.H., Achard P.	Application of advanced insulating materials in historical buildings	Thermal Insulation, Silica Aerogel, Historical Buildings, Energy Savings.	35, Sp. 1, S345-S352	10.18280/ijht.35Sp0147	Saio C., Nocentini K., Tagliacico L.A., Biwole P.H., Achard P. (2017). Application of advanced insulating materials in historical buildings. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S345-S352. https://doi.org/10.18280/ijht.35Sp0147
449	Bianco V., Diana A., Manca O., Nardini S.	Thermal behavior evaluation of ventilated roof under summer and winter conditions	Ventilated Roof, Numerical Investigation, Summer, Winter Conditions, Energy Saving, Fluent.	35, Sp. 1, S353-S360	10.18280/ijht.35Sp0148	Bianco V., Diana A., Manca O., Nardini S. (2017). Thermal behavior evaluation of ventilated roof under summer and winter conditions. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S353-S360. https://doi.org/10.18280/ijht.35Sp0148
450	Angelis A.D., Ceccotti L., Saro O.	Energy savings evaluation for dry-cooler equipped plants in shopping mall buildings	Trnsys, Energy Saving, Cooling, Commercial Mall, Dry Cooler.	35, Sp. 1, S361-S366	10.18280/ijht.35Sp0149	Angelis A.D., Ceccotti L., Saro O. (2017). Energy savings evaluation for dry-cooler equipped plants in shopping mall buildings. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S361-S366. https://doi.org/10.18280/ijht.35Sp0149
451	Borelli D., Repetto S., Schenone C.	Numerical transient simulations of heating plants for buildings	Heating Plants, Buildings, Numerical Models, Dynamic Models, MATLAB/Simulink.	35, Sp. 1, S367-S374	10.18280/ijht.35Sp0150	Borelli D., Repetto S., Schenone C. (2017). Numerical transient simulations of heating plants for buildings. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S367-S374. https://doi.org/10.18280/ijht.35Sp0150
452	Cardinale T., Arleo G., Bernardo F., Feo A., Fazio P.D.	Investigations on thermal and mechanical properties of cement mortar with reed and straw fibers	Cement Mortar, Natural Organic Fiber, Thermal and Mechanical Characterization, Predictive Model, Statistical Analysis.	35, Sp. 1, S375-S382	10.18280/ijht.35Sp0151	Cardinale T., Arleo G., Bernardo F., Feo A., Fazio P.D. (2017). Investigations on thermal and mechanical properties of cement mortar with reed and straw fibers. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S375-S382. https://doi.org/10.18280/ijht.35Sp0151
453	Aprea C., Greco A., Maiorino A., Masselli C.	Analyzing the energetic performances of AMR regenerator working with different magnetocaloric materials: Investigations and viewpoints	Magnetic Refrigeration, AMR, Numerical Model, Gadolinium, Performance Map.	35, Sp. 1, S383-S390	10.18280/ijht.35Sp0152	Aprea C., Greco A., Maiorino A., Masselli C. (2017). Analyzing the energetic performances of AMR regenerator working with different magnetocaloric materials: Investigations and viewpoints. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S383-S390. https://doi.org/10.18280/ijht.35Sp0152
454	Barbarelli S., Florio G., Scornaienzi N.M.	Theoretical and experimental analysis of a new compressible flow small power turbine prototype	Compressible Flow, Tangential Flow Small Turbine, Rotary Channel, Test Rig.	35, Sp. 1, S391-S398	10.18280/ijht.35Sp0153	Barbarelli S., Florio G., Scornaienzi N.M. (2017). Theoretical and experimental analysis of a new compressible flow small power turbine prototype. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S391-S398. https://doi.org/10.18280/ijht.35Sp0153
455	Fiorentino M., Starace G.	Experimental investigations on air side heat and mass transfer phenomena in evaporative condensers	Thermo-fluid Dynamic Analysis, Evaporative Condensers, Experimental Tests, Heat Rejection, Test Bench.	35, Sp. 1, S399-S404	10.18280/ijht.35Sp0154	Fiorentino M., Starace G. (2017). Experimental investigations on air side heat and mass transfer phenomena in evaporative condensers. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S399-S404. https://doi.org/10.18280/ijht.35Sp0154
456	Ejaz R., Good G., Sharma S., Trancossi M.	Energetic design of a new autogyro aircraft with cyclorotors with possibility of energy harvesting	Autogyro, Energy, Exergy Evaluation, Electric Cogeneration, EMIPS.	35, Sp. 1, S405-S412	10.18280/ijht.35Sp0155	Ejaz R., Good G., Sharma S., Trancossi M. (2017). Energetic design of a new autogyro aircraft with cyclorotors with possibility of energy harvesting. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S405-S412. https://doi.org/10.18280/ijht.35Sp0155
457	Aprea C., Greco A., Maiorino A.	An experimental evaluation of the greenhouse effect in the substitution of R134a with pure and mixed HFO in a domestic refrigerator	HFC134a, HFO1234yf, HFO1234ze, Experimental Plant, Greenhouse Effect, TEWI.	35, Sp. 1, S413-S418	10.18280/ijht.35Sp0156	Aprea C., Greco A., Maiorino A. (2017). An experimental evaluation of the greenhouse effect in the substitution of R134a with pure and mixed HFO in a domestic refrigerator. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S413-S418. https://doi.org/10.18280/ijht.35Sp0156
458	Marino C., Misiani P., Nucara A., Pietrafesa M.	The effect of the climatic condition on the radiant asymmetry	Local Discomfort, Radiant Asymmetry, Solar Radiation.	35, Sp. 1, S419-S426	10.18280/ijht.35Sp0157	Marino C., Misiani P., Nucara A., Pietrafesa M. (2017). The effect of the climatic condition on the radiant asymmetry. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S419-S426. https://doi.org/10.18280/ijht.35Sp0157
459	Cucumo M., Ferraro V., Kaliakatos D., Crea F., Tassone F., Mumoli A., Mele M.	Thermodynamic analysis of a prototype indirect screw drier for aggregates and recycled mineral aggregates	Thermodynamic Analysis, Prototype Screw Indirect Drier, Recycled Aggregates.	35, Sp. 1, S427-S434	10.18280/ijht.35Sp0158	Cucumo M., Ferraro V., Kaliakatos D., Crea F., Tassone F., Mumoli A., Mele M. (2017). Thermodynamic analysis of a prototype indirect screw drier for aggregates and recycled mineral aggregates. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S427-S434. https://doi.org/10.18280/ijht.35Sp0158
460	Rocca V.L., Morale M., Peri G., Scaccianoce G.	A solar pond for feeding a thermoelectric generator or an organic Rankine cycle system	Solar Pond, Organic Rankine Cycle, Solar Collector, Thermal Storage, Low Enthalpy Sources.	35, Sp. 1, S435-S441	10.18280/ijht.35Sp0159	Rocca V.L., Morale M., Peri G., Scaccianoce G. (2017). A solar pond for feeding a thermoelectric generator or an organic Rankine cycle system. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S435-S441. https://doi.org/10.18280/ijht.35Sp0159

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463	Cannistraro M., Bernardo E.	Monitoring of the indoor microclimate in hospital environments a case study the Papardo hospital in Messina	Thermo-hygrometric Comfort, Illuminance, IAQ, ISO7730, UNI10339, UN18199.	35, Sp. 1, S456-S465	10.18280/ijht.35Sp0162	Cannistraro M., Bernardo E. (2017). Monitoring of the indoor microclimate in hospital environments a case study the Papardo hospital in Messina. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S456-S465. https://doi.org/10.18280/ijht.35Sp0162
464	Ferruzzi G., Rossi F., Bracale A.	Bidding strategy of a micro grid for the day-ahead energy and spinning reserve markets: the problem formulation	Smart Grid, Deregulated Markets, Risk Management, Optimization Problem.	35, Sp. 1, S466-S471	10.18280/ijht.35Sp0163	Ferruzzi G., Rossi F., Bracale A. (2017). Bidding strategy of a micro grid for the day-ahead energy and spinning reserve markets: the problem formulation. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S466-S471. https://doi.org/10.18280/ijht.35Sp0163
465	Andreozzi A., Buonomo B., Ercole D., Manca O.	Phase Change Materials (PCMs) in a honeycomb system for solar energy applications	Thermal Storage, PCM, Phase Change Material, Porous Media, Honeycomb.	35, Sp. 1, S472-S477	10.18280/ijht.35Sp0164	Andreozzi A., Buonomo B., Ercole D., Manca O. (2017). Phase Change Materials (PCMs) in a honeycomb system for solar energy applications. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S472-S477. https://doi.org/10.18280/ijht.35Sp0164
466	Arpino F., Ciccolella M., Cortellesa G., Massarotti N., Mauro A.	Influence of one porous layer insert on the transient heat transfer in a tall annulus in presence of large source terms	AC-CBS, Partially Porous Annulus, Low Darcy Number, Transient Natural Convection.	35, Sp. 1, S478-S484	10.18280/ijht.35Sp0165	Arpino F., Ciccolella M., Cortellesa G., Massarotti N., Mauro A. (2017). Influence of one porous layer insert on the transient heat transfer in a tall annulus in presence of large source terms. <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S478-S484. https://doi.org/10.18280/ijht.35Sp0165
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468	Pesteei S.M., Mashoofi N., Pourahmad S., Roshan A.	Numerical investigation on the effect of a modified corrugated double tube heat exchanger on heat transfer enhancement and exergy losses	Double-Tube Heat Exchanger, Exergy Losses, Heat Transfer, Modified Corrugated Tube.	35, 2, 243-248	10.18280/ijht.350202	Pesteei S.M., Mashoofi N., Pourahmad S., Roshan A. (2017). Numerical investigation on the effect of a modified corrugated double tube heat exchanger on heat transfer enhancement and exergy losses. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 243-248. https://doi.org/10.18280/ijht.350202
469	Huang Y., Chen L.J., Li M.J., Zhang B., Chen X.L., Zhang L.N.	Influence of radiating tube type on heat dissipation of assembled radiators	Assembled Radiator, Flat Tube Type, Heat Dissipation Performance, Wasp-waisted Tube Type.	35, 2, 249-254	10.18280/ijht.350203	Huang Y., Chen L.J., Li M.J., Zhang B., Chen X.L., Zhang L.N. (2017). Influence of radiating tube type on heat dissipation of assembled radiators. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 249-254. https://doi.org/10.18280/ijht.350203
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471	Adesanya S.O., Fakoya M.B., Falade J.A., Lebelo R.S., Okewole D.M.	Existence of secondary flows in a reactive viscous fluid through a channel filled with a porous medium	Multiple Solutions, Secondary Flow, Porous Medium, Combustion, Adomian Decomposition Method.	35, 2, 262-266	10.18280/ijht.350205	Adesanya S.O., Fakoya M.B., Falade J.A., Lebelo R.S., Okewole D.M. (2017). Existence of secondary flows in a reactive viscous fluid through a channel filled with a porous medium. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 262-266. https://doi.org/10.18280/ijht.350205
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473	Ambethkar V., Kushawaha D.	Numerical simulations of fluid flow and heat transfer in a four-sided lid-driven rectangular domain	Heat Transfer, Isotherms, Nusselt Number, Velocity, Streamlines.	35, 2, 273-278	10.18280/ijht.350207	Ambethkar V., Kushawaha D. (2017). Numerical simulations of fluid flow and heat transfer in a four-sided lid-driven rectangular domain. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 273-278. https://doi.org/10.18280/ijht.350207
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478	Hamila R., Chaabane R., Askri F., Jenni A., Nasrallah S.B.	Lattice Boltzmann method for heat transfer problems with variable thermal conductivity	LBM, RTE, Variable Thermal Conductivity, Conduction, Natural Convection.	35, 2, 313-324	10.18280/ijht.350212	Hamila R., Chaabane R., Askri F., Jenni A., Nasrallah S.B. (2017). Lattice Boltzmann method for heat transfer problems with variable thermal conductivity. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 313-324. https://doi.org/10.18280/ijht.350212
479	Scarpa F., Marchitto A., Tagliacico L.A.	Splitting the solar radiation in direct and diffuse components: insights and constrains on the clearness-diffuse fraction representation	Diffuse Fraction, Radiation Decomposition, Clearness.	35, 2, 325-329	10.18280/ijht.350213	Scarpa F., Marchitto A., Tagliacico L.A. (2017). Splitting the solar radiation in direct and diffuse components: insights and constrains on the clearness-diffuse fraction representation. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 325-329. https://doi.org/10.18280/ijht.350213
480	Hamila R., Jenni A., Nasrallah S.B., Perré P.	Enthalpic lattice Boltzmann formulation for heat conduction during melting of PCMs with embedded solid blocks with different thermophysical properties	Phase Change Material, Lattice Boltzmann Method, Diffusion, Melting.	35, 2, 330-338	10.18280/ijht.350214	Hamila R., Jenni A., Nasrallah S.B., Perré P. (2017). Enthalpic lattice Boltzmann formulation for heat conduction during melting of PCMs with embedded solid blocks with different thermophysical properties. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 330-338. https://doi.org/10.18280/ijht.350214
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482	Belhocine A., Omar W.Z.W.	Exact Graetz problem solution by using hypergeometric function	Graetz Problem, Sturm-Liouville Problem, Hypergeometric Function, Heat Transfer.	35, 2, 347-353	10.18280/ijht.350216	Belhocine A., Omar W.Z.W. (2017). Exact Graetz problem solution by using hypergeometric function. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 347-353. https://doi.org/10.18280/ijht.350216
483	Shen Z.L., Zhang Y.Q.	Experimental study on flow-induced vibration and energy transformation of regular triangular prisms of different characteristic widths	Regular Triangular Prism, Flow-induced Vibration, Characteristic Width, Energy Transformation.	35, 2, 354-359	10.18280/ijht.350217	Shen Z.L., Zhang Y.Q. (2017). Experimental study on flow-induced vibration and energy transformation of regular triangular prisms of different characteristic widths. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 354-359. https://doi.org/10.18280/ijht.350217

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485	Zaginaylo I.V., Maksimeniuk Y.A., Pysarenko A.N.	Two-dimensional numerical simulation study of the effective thermal conductivity statistics for binary composite materials	Composite, Effective Thermal Conductivity, Heat Transfer, Numerical Simulation.	35, 2, 364-370	10.18280/ijht.350219	Zaginaylo I.V., Maksimeniuk Y.A., Pysarenko A.N. (2017). Two-dimensional numerical simulation study of the effective thermal conductivity statistics for binary composite materials. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 364-370. https://doi.org/10.18280/ijht.350219
486	Zhou H.J., Jia M.J., Liu B.X., Chen Z.	Thermal sensation in transient conditions at subway stations during the winter	Thermal Sensation, Passenger Comfort, Effective Temperature, Transitional Space, Subway Station.	35, 2, 371-377	10.18280/ijht.350220	Zhou H.J., Jia M.J., Liu B.X., Chen Z. (2017). Thermal sensation in transient conditions at subway stations during the winter. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 371-377. https://doi.org/10.18280/ijht.350220
487	De D., Pal T.K., Bandyopadhyay S.	Helical baffle design in shell and tube type heat exchanger with CFD analysis	Helical Baffles, Helix Angle, Shell and Tube Heat Exchanger, Overall Heat Transfer Coefficient, Pressure Drop.	35, 2, 378-383	10.18280/ijht.350221	De D., Pal T.K., Bandyopadhyay S. (2017). Helical baffle design in shell and tube type heat exchanger with CFD analysis. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 378-383. https://doi.org/10.18280/ijht.350221
488	Guo L., Bai D., Wen Z., Wang X.D.	Evaluation of numerical simulation accuracy for two-ways mixed flow drip irrigation emitter based on CFD	Drip Irrigation Emitter, Numerical Simulation, Calculation Accuracy, Index, Weight Coefficient.	35, 2, 384-392	10.18280/ijht.350222	Guo L., Bai D., Wen Z., Wang X.D. (2017). Evaluation of numerical simulation accuracy for two-ways mixed flow drip irrigation emitter based on CFD. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 384-392. https://doi.org/10.18280/ijht.350222
489	Arunachalam U.P., Edwin M.	Experimental investigations on thermal performance of solar air heater with different absorber plates	Solar Air Heater, Glass Plate, Galvanized Iron (GI) Sheet, Thermal Efficiency, Heat Transfer.	35, 2, 393-397	10.18280/ijht.350223	Arunachalam U.P., Edwin M. (2017). Experimental investigations on thermal performance of solar air heater with different absorber plates. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 393-397. https://doi.org/10.18280/ijht.350223
490	Qian S.R., Qin S.J., Shi H.S.	Influencing factors of peridynamics analysis and calculation	Peridynamics, Modelling, Near-field Region Radius δ , Analysis and Calculation.	35, 2, 398-402	10.18280/ijht.350224	Qian S.R., Qin S.J., Shi H.S. (2017). Influencing factors of peridynamics analysis and calculation. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 398-402. https://doi.org/10.18280/ijht.350224
491	Ahrara A.J., Djavarehskianb M.H., Ataiyanc M.	Numerical simulation of Cu-water nanofluid magneto-hydro-dynamics and heat transfer in a cavity containing a circular cylinder of different size and positions	Circular Obstacle, Nanoparticles' Volume Fraction, Magnetic Field Intensity, Direction.	35, 2, 403-415	10.18280/ijht.350225	Ahrara A.J., Djavarehskianb M.H., Ataiyanc M. (2017). Numerical simulation of Cu-water nanofluid magneto-hydro-dynamics and heat transfer in a cavity containing a circular cylinder of different size and positions. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 403-415. https://doi.org/10.18280/ijht.350225
492	Keshkar M.M.	Energy, exergy analysis and optimization by a genetic algorithm of a system based on a solar absorption chiller with a cylindrical PCM and nanofluid	Exergy, Genetic Algorithm, Optimization, Storage System, Finite Volume Method.	35, 2, 416-420	10.18280/ijht.350226	Keshkar M.M. (2017). Energy, exergy analysis and optimization by a genetic algorithm of a system based on a solar absorption chiller with a cylindrical PCM and nanofluid. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 416-420. https://doi.org/10.18280/ijht.350226
493	Xue Z.P., Liu Q.Y., Emmanuel P., Qin J.W., Liu D.J., Gao W., Gong Y.J., Bai X.W.	Analysis on the effects of pre-heating temperature on mechanical properties of pellets made from corn stalk powder	Preheating Temperature, Mechanical Properties, Biomass Pellet, Corn Stalk.	35, 2, 421-425	10.18280/ijht.350227	Xue Z.P., Liu Q.Y., Emmanuel P., Qin J.W., Liu D.J., Gao W., Gong Y.J., Bai X.W. (2017). Analysis on the effects of pre-heating temperature on mechanical properties of pellets made from corn stalk powder. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 421-425. https://doi.org/10.18280/ijht.350227
494	Konjetti R.K., Sarma P.K., Puppala N., Sharma K.V., Prasad L.S.V.	A generalized correlation for the estimation of moisture removal in fruits and grains during hot air drying	Mass Transfer, Unsteady State, Biot Number, Fourier Number, Moisture.	35, 2, 426-432	10.18280/ijht.350228	Konjetti R.K., Sarma P.K., Puppala N., Sharma K.V., Prasad L.S.V. (2017). A generalized correlation for the estimation of moisture removal in fruits and grains during hot air drying. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 426-432. https://doi.org/10.18280/ijht.350228
495	Boukhalkhal A.L., Lasbet Y., Makhlof M., Loubar K.	Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances	Chaotic Advection, Mixing Degree, Nusselt Number, Poincaré Sections, Serpentine Channel.	35, 1, 1-10	10.18280/ijht.350101	Boukhalkhal A.L., Lasbet Y., Makhlof M., Loubar K. (2017). Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 1-10. https://doi.org/10.18280/ijht.350101
496	Triveni M.K., Pama R.	Numerical analysis of natural convection in a triangular cavity with different configurations of hot wall	Hot Wall Configurations, Triangular Cavity, Natural Convection, Rayleigh Number.	35, 1, 11-18	10.18280/ijht.350102	Triveni M.K., Pama R. (2017). Numerical analysis of natural convection in a triangular cavity with different configurations of hot wall. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 11-18. DOI: 10.18280/ijht.350102
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498	Rajput G.R., Patil V.S., Krishna P.J.S.V.R.	Hydromagnetic bioconvection flow in the region of stagnation-point flow and heat transfer in non-Newtonian nanofluid past a moving surface with suction: similarity analysis	Nanofluid, Stagnation Point, Thermophoresis, Brownian Motion, Stretching Sheet, Gyrotactic Microorganisms.	35, 1, 25-31	10.18280/ijht.350104	Rajput G.R., Patil V.S., Krishna P.J.S.V.R. (2017). Hydromagnetic bioconvection flow in the region of stagnation-point flow and heat transfer in non-Newtonian nanofluid past a moving surface with suction: similarity analysis. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 25-31. https://doi.org/10.18280/ijht.350104
499	Wen Z.H., Liu Y., Liu X.T., Liang B.	Experimental research into the effects of abrasive characteristics on abrasive gas jet coal-breaking performance	Abrasive Gas Jet (AGJ), Jet Coal Breaking, Abrasive Characteristics, Target Distance, Abrasive Mesh Number.	35, 1, 32-36	10.18280/ijht.350105	Wen Z.H., Liu Y., Liu X.T., Liang B. (2017). Experimental research into the effects of abrasive characteristics on abrasive gas jet coal-breaking performance. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 32-36. https://doi.org/10.18280/ijht.350105
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501	Wang Y., Huang D.K.	Effect of heat treatment temperature on the structure and tribological properties of nanometer lanthanum borate	Nanometer Lanthanum Borate, Heat Treatment, High Temperature Phase Change, Friction and Wear, Anti-friction and Anti-wear Mechanism.	35, 1, 53-58	10.18280/ijht.350107	Wang Y., Huang D.K. (2017). Effect of heat treatment temperature on the structure and tribological properties of nanometer lanthanum borate. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 53-58. https://doi.org/10.18280/ijht.350107
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503	Wu J.S., Fu M., Tong X., Qin Y.P.	Heat stress evaluation at the working face in hot coal mines using an improved thermophysiological model	Coal Miner, Heat Strain, Underground Coal Mines, Thermal Physiology.	35, 1, 67-74	10.18280/ijht.350109	Wu J.S., Fu M., Tong X., Qin Y.P. (2017). Heat stress evaluation at the working face in hot coal mines using an improved thermophysiological model. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 67-74. https://doi.org/10.18280/ijht.350109
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505	Rashad A.M.	Unsteady nanofluid flow over an inclined stretching surface with convective boundary condition and anisotropic slip impact	Anisotropic Slip, Unsteady Free Convection, Porous Medium, Nanofluids, Convective Boundary Condition.	35, 1, 82-90	10.18280/ijht.350111	Rashad A.M. (2017). Unsteady nanofluid flow over an inclined stretching surface with convective boundary condition and anisotropic slip impact. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 82-90. https://doi.org/10.18280/ijht.350111
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511	Li X., Tang C., Wang Q., Li X.P., Hao J.	Molecular simulation research on the micro effect mechanism of interfacial properties of nano SiO ₂ /meta-aramid fiber	Micro and Nanoscale, Interaction, Hydrogen Bonds, Thermal Stability.	35, 1, 123-129	10.18280/ijht.350117	Li X., Tang C., Wang Q., Li X.P., Hao J. (2017). Molecular simulation research on the micro effect mechanism of interfacial properties of nano SiO ₂ /meta-aramid fiber. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 123-129. https://doi.org/10.18280/ijht.350117
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514	Tian S.W., Wang C.M., Zhang Z.M.	A hybrid method of debris flow velocity estimation based on empirical equation	Debris Flow, Empirical Equations, Velocity Calculation, LSSVM, PSO.	35, 1, 147-152	10.18280/ijht.350120	Tian S.W., Wang C.M., Zhang Z.M. (2017). A hybrid method of debris flow velocity estimation based on empirical equation. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 147-152. https://doi.org/10.18280/ijht.350120
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522	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	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. <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 211-218. https://doi.org/10.18280/ijht.350128
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