

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Cirillo, L., Greco, A., Masselli, C.	A Numerical Analysis on a Single Bundle of Wires of Sustain-El: The First Italian Elastocaloric Device	elastocaloric cooling, active elastocaloric refrigeration system, SMA wires, 2-D Model	39, 6, 1689-1696	https://doi.org/10.18280/ijht.390601	Cirillo, L., Greco, A., Masselli, C. (2021). A numerical analysis on a single bundle of wires of Sustain-El: The first Italian elastocaloric device. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1689-1696. https://doi.org/10.18280/ijht.390601
2	Bilonoga, Y., Stybel, V., Maksysko, O., Drachuk, U.	Substantiation of a New Calculation and Selection Algorithm of Optimal Heat Exchangers with Nanofluid Heat Carriers Taking into Account Surface Forces	Bi and Blturb. numbers, heat exchangers, thermal conductivity turbulent, viscosity turbulent, surface tension coefficient, nanofluids	39, 6, 1697-1712	https://doi.org/10.18280/ijht.390602	Bilonoga, Y., Stybel, V., Maksysko, O., Drachuk, U. (2021). Substantiation of a new calculation and selection algorithm of optimal heat exchangers with nanofluid heat carriers taking into account surface forces. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1697-1712. https://doi.org/10.18280/ijht.390602
3	Cheng, Y.	Thermal Fault Diagnosis of Transmission System in Automatic Production Machinery and Equipment and Reliability Analysis	automatic production machinery and equipment, transmission system, transmission device, thermal fault diagnosis, reliability analysis	39, 6, 1713-1720	https://doi.org/10.18280/ijht.390603	Cheng, Y. (2021). Thermal fault diagnosis of transmission system in automatic production machinery and equipment and reliability analysis. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1713-1720. https://doi.org/10.18280/ijht.390603
4	Basher, H.O.	Analysis of the heat transfer enhancement in triangular microchannel with a trapezoidal corrugated surface and hybrid nanofluid	triangular microchannel, trapezoidal corrugated wall, hybrid nanofluid, laminar flow	39, 6, 1721-1732	https://doi.org/10.18280/ijht.390604	Basher, H.O. (2021). Analysis of the heat transfer enhancement in triangular microchannel with a trapezoidal corrugated surface and hybrid nanofluid. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1721-1732. https://doi.org/10.18280/ijht.390604
5	Srichat, A., Vengsunple, P., Bootwong, A., Poojiera, S., Naphon, P.	Study on Thermal Efficiency of Salt Incubator with Waste Heat Recovery in the Rock Salt Boiling Process	salt incubator, waste heat recovery, salt boiling process, thermal efficiency, firewood stove	39, 6, 1733-1740	https://doi.org/10.18280/ijht.390605	Srichat, A., Vengsunple, P., Bootwong, A., Poojiera, S., Naphon, P. (2021). Study on thermal efficiency of salt incubator with waste heat recovery in the rock salt boiling process. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1733-1740. https://doi.org/10.18280/ijht.390605
6	Arifin, Z., Kuncoro, I.W., Hijriawan, M.	Solar Simulator Development for 50 WP Solar Photovoltaic Experimental Design Using Halogen Lamp	solar simulator, irradiance, mapping, non uniformity	39, 6, 1741-1747	https://doi.org/10.18280/ijht.390606	Arifin, Z., Kuncoro, I.W., Hijriawan, M. (2021). Solar simulator development for 50 WP solar photovoltaic experimental design using halogen lamp. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1741-1747. https://doi.org/10.18280/ijht.390606
7	Sun, Y., Zhao, B.	Heating Systems for Small, Scattered and Remote Residential Areas in the Tibetan Plateau	multi-energy complementary smart energy, solar energy storage heat pump, operating energy consumption and costs	39, 6, 1748-1754	https://doi.org/10.18280/ijht.390607	Sun, Y., Zhao, B. (2021). Heating systems for small, scattered and remote residential areas in the Tibetan Plateau. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1748-1754. https://doi.org/10.18280/ijht.390607
8	Pasupuleti, R.K., Bedhapudi, M., Jonnala, S.R., Kandimalla, A.R.	Computational Analysis of Conventional and Helical Finned Shell and Tube Heat Exchanger Using ANSYS-CFD	fluid velocities, heat transfer rate, LMTD effectiveness, baffle cut, helical porous baffles, copper fins	39, 6, 1755-1762	https://doi.org/10.18280/ijht.390608	Pasupuleti, R.K., Bedhapudi, M., Jonnala, S.R., Kandimalla, A.R. (2021). Computational analysis of conventional and helical finned shell and tube heat exchanger using ANSYS-CFD. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1755-1762. https://doi.org/10.18280/ijht.390608
9	Ouabouch, O., Laasri, I.A., Krina, M., Lamssadi, M.	Modelling and Comparison of the Thermohydraulic Performance with an Economical Evaluation for a Parabolic Trough Solar Collector Using Different Nanofluids	nanofluids, turbulent forced convection, solar parabolic trough collector, thermal-hydraulic performance, economic efficiency	39, 6, 1763-1769	https://doi.org/10.18280/ijht.390609	Ouabouch, O., Laasri, I.A., Krina, M., Lamssadi, M. (2021). Modelling and comparison of the thermohydraulic performance with an economical evaluation for a parabolic trough solar collector using different nanofluids. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1763-1769. https://doi.org/10.18280/ijht.390609
10	Shen, T.Q., Shen, X.W.	Appropriateness Evaluation of Energy Saving Techniques for External Envelope of Residential Buildings Based on Value Engineering Theory	appropriateness, value engineering, energy-saving insulation	39, 6, 1770-1780	https://doi.org/10.18280/ijht.390610	Shen, T.Q., Shen, X.W. (2021). Appropriateness evaluation of energy saving techniques for external envelope of residential buildings based on value engineering theory. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1770-1780. https://doi.org/10.18280/ijht.390610
11	Reddy, S.R.R., Reddy, P.B.A.	Entropy Generation Analysis on MHD Flow with a Binary Mixture of Ethylene Glycol and Water Based Silver-Graphene Hybrid Nanoparticles in Automotive Cooling Systems	entropy generation, hybrid nanoparticles, joule heating, MHD, silver-graphene nanoparticles, stagnation point	39, 6, 1781-1790	https://doi.org/10.18280/ijht.390611	Reddy, S.R.R., Reddy, P.B.A. (2021). Entropy generation analysis on MHD flow with a binary mixture of ethylene glycol and water based silver-graphene hybrid nanoparticles in automotive cooling systems. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1781-1790. https://doi.org/10.18280/ijht.390611
12	Mustafa, W., Fudholi, A., Sopian, K., Jaafar, J., Mustapha, M.	Effect of Silica Oxide SiO ₂ /Water Nanofluids Volume Concentration Ratio on Photovoltaic Thermal (PVT) Collector Efficiency	photovoltaic thermal, spiral heat collector, nanofluids, thermal efficiency, electrical efficiency	39, 6, 1791-1798	https://doi.org/10.18280/ijht.390612	Mustafa, W., Fudholi, A., Sopian, K., Jaafar, J., Mustapha, M. (2021). Effect of silica oxide SiO ₂ /water nanofluids volume concentration ratio on photovoltaic thermal (PVT) collector efficiency. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1791-1798. https://doi.org/10.18280/ijht.390612
13	Dong, Y.D., Zhao, Y.G.B., Wang, Y.Z., Li, S.C.	An Experiment on the Mechanical Properties of Metal Rubber Processed by Improved Processing Techniques and the Construction of Its Constitutive Relation	metal rubber (MR), improved processing techniques, constitutive model, mechanical property	39, 6, 1799-1804	https://doi.org/10.18280/ijht.390613	Dong, Y.D., Zhao, Y.G.B., Wang, Y.Z., Li, S.C. (2021). An experiment on the mechanical properties of metal rubber processed by improved processing techniques and the construction of its constitutive relation. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1799-1804. https://doi.org/10.18280/ijht.390613
14	Hai, T.D., Khoa, T.A., Le, M.V., Phong, M.T., Tuan, P.D.	Modeling for Simple Batch Distillation of Vanadium Oxichloride-Titanium Tetrachloride (VOCl ₃ -TiCl ₄) Mixture	distillation, modeling, titanium tetrachloride, vanadium oxychloride	39, 6, 1805-1811	https://doi.org/10.18280/ijht.390614	Hai, T.D., Khoa, T.A., Le, M.V., Phong, M.T., Tuan, P.D. (2021). Modeling for simple batch distillation of vanadium oxychloride-titanium tetrachloride (VOCl ₃ -TiCl ₄) mixture. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1805-1811. https://doi.org/10.18280/ijht.390614
15	Alaci, P., Ghasemi, B., Raisi, A., Torabi, A.	Experimental Investigation of Melting Process of Encapsulation Phase Change Material in Spiral Shell and Tube Heat Exchanger	phase change material, thermal energy storage, non-welded steel capsules, intermediate fluids, heat transfer, total heat transfer coefficients	39, 6, 1812-1818	https://doi.org/10.18280/ijht.390615	Alaci, P., Ghasemi, B., Raisi, A., Torabi, A. (2021). Experimental investigation of melting process of encapsulation phase change material in spiral shell and tube heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1812-1818. https://doi.org/10.18280/ijht.390615
16	Wen, M.	An Analysis of the Coupling Between Temperature and Thermal Stress of Disc Brakes Based on Finite Element	disc brake, temperature field, thermal stress, finite element analysis	39, 6, 1819-1827	https://doi.org/10.18280/ijht.390616	Wen, M. (2021). An analysis of the coupling between temperature and thermal stress of disc brakes based on finite element. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1819-1827. https://doi.org/10.18280/ijht.390616
17	Roger, S.A.W., Merlin, A.Z., Philippe, O.M., Ruben, M.	Experimental Study of Heat Transfer in a Reduced Model of Bioclimatic Air-Soil Exchanger	bioclimatic comfort, EAHE model, heat transfer, convective coefficient	39, 6, 1828-1834	https://doi.org/10.18280/ijht.390617	Roger, S.A.W., Merlin, A.Z., Philippe, O.M., Ruben, M. (2021). Experimental study of heat transfer in a reduced model of bioclimatic air-soil exchanger. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1828-1834. https://doi.org/10.18280/ijht.390617
18	Abed, A.H., Khelif, A.K., Jabal, M.H.	Experimental Investigation on Mist Flow and Heat Transfer in a Uniformly Heated Vertical Cylinder	mist flow, heat transfer enhancement, ultrasonic mist generator, mist deposition, water film, weber number	39, 6, 1835-1844	https://doi.org/10.18280/ijht.390618	Abed, A.H., Khelif, A.K., Jabal, M.H. (2021). Experimental investigation on mist flow and heat transfer in a uniformly heated vertical cylinder. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1835-1844. https://doi.org/10.18280/ijht.390618
19	Gao, H.N., Shen, H.D., Yu, L., Wang, Y.L., Yang, Y., Yan, S.C., Hu, Y.J.	Frictional Wear Detection of Hard Alloy Tool Material During High-Speed Cutting	high-speed cutting, hard alloy tool, frictional wear of tool material	39, 6, 1845-1852	https://doi.org/10.18280/ijht.390619	Gao, H.N., Shen, H.D., Yu, L., Wang, Y.L., Yang, Y., Yan, S.C., Hu, Y.J. (2021). Frictional wear detection of hard alloy tool material during high-speed cutting. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1845-1852. https://doi.org/10.18280/ijht.390619
20	Ige, E.O., Bodunde, O.P., Akinola, S.O., Dike, A.E., Anuoluwa, I.A., Ige, I.A., Esooso, A.	A Low Cost Intelligent Fuzzy-Controlled Multipass-Multibaffle Dry-Air Sterilizer Device for Small-Sized Surgical Instruments	fuzzy-enabled, multi-baffle convection, alternative energy device, decontamination, low resource application, re-useable surgical tools	39, 6, 1853-1860	https://doi.org/10.18280/ijht.390620	Ige, E.O., Bodunde, O.P., Akinola, S.O., Dike, A.E., Anuoluwa, I.A., Ige, I.A., Esooso, A. (2021). A low cost intelligent fuzzy-controlled multipass-multibaffle dry-air sterilizer device for small-sized surgical instruments. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1853-1860. https://doi.org/10.18280/ijht.390620
21	S N, S.K., S. S., H R, P.	Heat Transfer Analysis of Plate Fin Heat Sink with Dimples and Protusions: Investigation of New Designs	heat sink, dimples, base temperature, thermal resistance	39, 6, 1861-1870	https://doi.org/10.18280/ijht.390621	S N, S.K., S. S., H R, P. (2021). Heat transfer analysis of plate fin heat sink with dimples and protusions: Investigation of new designs. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1861-1870. https://doi.org/10.18280/ijht.390621

22	Qu, Z.H.	Thermodynamic Analysis and Calculation of the Drying and Heating System of Automatic Stirring Equipment	drying and heating system (DHS), automatic stirring equipment, thermodynamic analysis	39, 6, 1871-1877	https://doi.org/10.18280/ijht.390622	Qu, Z.H. (2021). Thermodynamic analysis and calculation of the drying and heating system of automatic stirring equipment. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1871-1877. https://doi.org/10.18280/ijht.390622
23	Sivalingam, S., Gopal, S.T., Pandey, V., Parthiban, M.	Experimental Analysis of Performance Improvement of a Modified Vapour Absorption System (VAS-GAX) for Cooling Applications	VAS-GAX system, cooling applications, COP improvement, saving electrical energy, less environmental harm and lower losses	39, 6, 1878-1886	https://doi.org/10.18280/ijht.390623	Sivalingam, S., Gopal, S.T., Pandey, V., Parthiban, M. (2021). Experimental analysis of performance improvement of a modified vapour absorption system (VAS-GAX) for cooling applications. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1878-1886. https://doi.org/10.18280/ijht.390623
24	Jauhri, S., Mishra, U.	Dual Solutions of EMHD Nanofluid at Stretching Sheet with Mixed Convection Slip Boundary Condition	EMHD, nano-fluid, similarity transformation, Runge Kutta method, dual solution	39, 6, 1887-1896	https://doi.org/10.18280/ijht.390624	Jauhri, S., Mishra, U. (2021). Dual solutions of EMHD nanofluid at stretching sheet with mixed convection slip boundary condition. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1887-1896. https://doi.org/10.18280/ijht.390624
25	Ding, G.W., Sun, X.Y., Xu, L.H.	Heat Flow Field Analysis on Cooling System of Electrical Control Switch Cabinet	heat flow field analysis, electrical control switch cabinet (ECSC), cooling system	39, 6, 1897-1903	https://doi.org/10.18280/ijht.390625	Ding, G.W., Sun, X.Y., Xu, L.H. (2021). Heat flow field analysis on cooling system of electrical control switch cabinet. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1897-1903. https://doi.org/10.18280/ijht.390625
26	Afolalu, S.A., Ikumapayi, O.M., Ogunjide, A.T., Yusuf, O.O., Oloyede, O.R.	Development of Nanolubricant Using Aloe Vera Plant to Enhance the Thermal Performance of a Domestic Refrigeration System	green chemistry, lubricating oil, nanoparticle, nanotechnology, refrigeration	39, 6, 1904-1908	https://doi.org/10.18280/ijht.390626	Afolalu, S.A., Ikumapayi, O.M., Ogunjide, A.T., Yusuf, O.O., Oloyede, O.R. (2021). Development of nanolubricant using aloe vera plant to enhance the thermal performance of a domestic refrigeration system. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1904-1908. https://doi.org/10.18280/ijht.390626
27	Wijayanto, D.S., Soenarto, Triyono, M.B., Prasetyo, W., Widiastuti, I.	Analysis of Longitudinal Finned Pipes in Cross-Flow Heat Exchanger	heat exchanger, cross-flow, finned pipes, effectiveness-NTU	39, 6, 1909-1916	https://doi.org/10.18280/ijht.390627	Wijayanto, D.S., Soenarto, Triyono, M.B., Prasetyo, W., Widiastuti, I. (2021). Analysis of longitudinal finned pipes in cross-flow heat exchanger. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1909-1916. https://doi.org/10.18280/ijht.390627
28	Abdullhusein, M.A., Hashem, A.L.	Experimental Study of the Thermal Behavior of Perforated Bricks Wall Integrated with PCM	phase change material, perforated bricks, energy reduction, walls insulation, thermal performance, PCM packaging	39, 6, 1917-1922	https://doi.org/10.18280/ijht.390628	Abdullhusein, M.A., Hashem, A.L. (2021). Experimental study of the thermal behavior of perforated bricks wall integrated with PCM. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1917-1922. https://doi.org/10.18280/ijht.390628
29	Song, Y.F., Liu, Z.G., Li, S.W., Jin, Q.Y.	Design and Optimization of an Immersion Liquid Cooling System in Internet Datacenter	internet datacenter (IDC), immersion liquid cooling, numerical simulation	39, 6, 1923-1929	https://doi.org/10.18280/ijht.390629	Song, Y.F., Liu, Z.G., Li, S.W., Jin, Q.Y. (2021). Design and optimization of an immersion liquid cooling system in internet datacenter. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1923-1929. https://doi.org/10.18280/ijht.390629
30	Sandhi, R.S., Chebattina, K.R.R., Sambana, N.R., Vadapalli, S., Pullagura, G., Pathem, U.C.	Evaluation of TiO2 Nanoparticles as an Additive in Diesel-n-Butanol - Bombox Ceiba Biodiesel Blends for Enhance Performance and Emissions Control of a CI Engine	bombax ceiba oil methyl ester, TiO2 nanoparticles, engine performance, emission control, stability of nano particles	39, 6, 1930-1936	https://doi.org/10.18280/ijht.390630	Sandhi, R.S., Chebattina, K.R.R., Sambana, N.R., Vadapalli, S., Pullagura, G., Pathem, U.C. (2021). Evaluation of TiO2 nanoparticles as an additive in diesel-n-butanol - bombox ceiba biodiesel blends for enhance performance and emissions control of a CI engine. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1930-1936. https://doi.org/10.18280/ijht.390630
31	Kumar, S., Srinivas, V.G., Murthy, K., Sudheer, M.S.	Simulation and Experimental Validation of Combustion Characteristics of Dual Fuel LPG-Diesel Engine	dual fuel, pressure rise, pilot fuel, crank angle, heat release rate	39, 6, 1937-1944	https://doi.org/10.18280/ijht.390631	Kumar, S., Srinivas, V.G., Murthy, K., Sudheer, M.S. (2021). Simulation and experimental validation of combustion characteristics of dual fuel LPG-diesel engine. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1937-1944. https://doi.org/10.18280/ijht.390631
32	Gao, X.L., Xia, R.J., Zhang, X.D., Shang, L.B., Xiangli, M.Q.	A Steady-State Modeling Method for Direct Expansion Air Conditioning Systems	Direct-Expansion Air-Conditioning (DX-AC) system, BP training algorithm, artificial neural network (ANN), steady-state model, bilinear interpolation	39, 6, 1945-1950	https://doi.org/10.18280/ijht.390632	Gao, X.L., Xia, R.J., Zhang, X.D., Shang, L.B., Xiangli, M.Q. (2021). A steady-state modeling method for direct expansion air conditioning systems. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1945-1950. https://doi.org/10.18280/ijht.390632
33	Ewe, W.E., Fudholi, A., Sopian, K., Asim, N., Ahmudiarto, Y., Salim, A.	Overview on Recent PVT Systems with Jet Impingement	photovoltaic, solar collector, jet impingement, heat transfer, cooling	39, 6, 1951-1956	https://doi.org/10.18280/ijht.390633	Ewe, W.E., Fudholi, A., Sopian, K., Asim, N., Ahmudiarto, Y., Salim, A. (2021). Overview on recent PVT systems with jet impingement. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1951-1956. https://doi.org/10.18280/ijht.390633
34	Jose, S.S., Chidambaram, R.K.	Thermal Comfort Optimization in an Electric Vehicle	thermal comfort, optimisation, electric vehicle, CFD simulation, PMV, PPD	39, 6, 1957-1965	https://doi.org/10.18280/ijht.390634	Jose, S.S., Chidambaram, R.K. (2021). Thermal comfort optimization in an electric vehicle. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1957-1965. https://doi.org/10.18280/ijht.390634
35	Duanmu, X.L., Zhan, Z.N., Song, Y.L.	Numerical Simulation and Thermophysical Feature Analysis of Fire Propagation Law in Large Urban Rail Transit Buildings	urban rail transit (URT), fire propagation law, thermophysical features	39, 6, 1966-1972	https://doi.org/10.18280/ijht.390635	Duanmu, X.L., Zhan, Z.N., Song, Y.L. (2021). Numerical simulation and thermophysical feature analysis of fire propagation law in large urban rail transit buildings. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1966-1972. https://doi.org/10.18280/ijht.390635
36	S, J., L, K.	Optimization of Combustion Characteristics of Diesel Engine Fueled by Biofuels and Its Diesel Blends with Additive Titanium Dioxide Nanoparticles	biofuel, jatropa methyl ester, CFD, mahua methyl ester, Kiroloskar, combustion, emission characteristics, optimization	39, 6, 1973-1978	https://doi.org/10.18280/ijht.390636	S, J., L, K. (2021). Optimization of combustion characteristics of diesel engine fueled by biofuels and its diesel blends with additive titanium dioxide nanoparticles. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1973-1978. https://doi.org/10.18280/ijht.390636
37	Enayati, H., Braun, M.J.	2D/3D RANS and LES Calculations of Natural Convection in a Laterally-Heated Cylindrical Enclosure Using Boussinesq and Temperature-Dependent Formulations	ammonothermal crystal growth, LES, RANS, three-dimensional, Boussinesq approximation, temperature dependent properties, FLUENT	39, 6, 1979-1990	https://doi.org/10.18280/ijht.390637	Enayati, H., Braun, M.J. (2021). 2D/3D RANS and LES calculations of natural convection in a laterally-heated cylindrical enclosure using Boussinesq and temperature-dependent formulations. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1979-1990. https://doi.org/10.18280/ijht.390637
38	Zhang, Y., Yang, J.F., Hu, W., Pei, Y., Xia, X., Wu, Q.J.	On a Low-Carbon Thermal Energy Power Planning Model Based on Green Certificate Allocation Mechanism	low carbon, power planning, carbon emission reduction, green certificate, thermal energy	39, 6, 1991-1999	https://doi.org/10.18280/ijht.390638	Zhang, Y., Yang, J.F., Hu, W., Pei, Y., Xia, X., Wu, Q.J. (2021). On a low-carbon thermal energy power planning model based on green certificate allocation mechanism. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 1991-1999. https://doi.org/10.18280/ijht.390638
39	Rudrabhiramu, R., Kupireddi, K.K., Rao, K.M.	Study of Thermal Characteristics Augmentation of the Aluminium Oxide Nano Fluid with Different Base Fluids	heat transfer augmentation, aluminium oxide nano fluid, ethylene glycol, square cavity, finite element model, CFD study, square element mesh grid, isothermal wall	39, 6, 2000-2005	https://doi.org/10.18280/ijht.390639	Rudrabhiramu, R., Kupireddi, K.K., Rao, K.M. (2021). Study of thermal characteristics augmentation of the aluminium oxide nano fluid with different base fluids. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 2000-2005. https://doi.org/10.18280/ijht.390639
40	Zhang, Z.Q., Yang, C.S., Cheng, H., Zhou, L.L., Ren, J.R., Zhu, Y.H.	The Electromagnetic Wave Absorbing Property of Dual-Layer Cement Matrix Composites Based on the Principle of Electromagnetic Energy - Thermal Energy Conversion	cement matrix electromagnetic wave (EMW) absorbing material, nanomaterial, wave absorbing agent, magnetic loss, dielectric loss	39, 6, 2006-2012	https://doi.org/10.18280/ijht.390640	Zhang, Z.Q., Yang, C.S., Cheng, H., Zhou, L.L., Ren, J.R., Zhu, Y.H. (2021). The electromagnetic wave absorbing property of dual-layer cement matrix composites based on the principle of electromagnetic energy - thermal energy conversion. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 6, pp. 2006-2012. https://doi.org/10.18280/ijht.390640
41	Mutani, G., De Nicolò, E., Blaso, L., Fumagalli, S., Tundo, A.	The Role of the Internal Heat Gains for Artificial Lighting on the Energy Performance of Buildings	LENI, artificial lighting, energy performance indicator, energy certification, heat gains, light control systems, nZEB, smart buildings	39, 5, 1395-1404	https://doi.org/10.18280/ijht.390501	Mutani, G., De Nicolò, E., Blaso, L., Fumagalli, S., Tundo, A. (2021). The role of the internal heat gains for artificial lighting on the energy performance of buildings. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 5, pp. 1395-1404. https://doi.org/10.18280/ijht.390501
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48	Bejawada, S.G., Reddy, Y.D., Kumar, K.S., Kumar, E.R.	Numerical Solution of Natural Convection on a Vertical Stretching Surface with Suction and Blowing	stretching sheet, heat transfer, natural convection, steady flow, friction factor	39, 5, 1469-1474	https://doi.org/10.18280/ijht.390508	Bejawada, S.G., Reddy, Y.D., Kumar, K.S., Kumar, E.R. (2021). Numerical solution of natural convection on a vertical stretching surface with suction and blowing. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 5, pp. 1469-1474. https://doi.org/10.18280/ijht.390508
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81	Shen, X.G.	Design and Implementation of an Integrated Central Heating Information Monitoring System for Smart Cities	central heating, information monitoring, big data reconstruction, heating regulation mode	39, 4, 1107-1116	https://doi.org/10.18280/ijht.390408	Shen, X.G. (2021). Design and implementation of an integrated central heating information monitoring system for smart cities. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1107-1116. https://doi.org/10.18280/ijht.390408
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83	Islam, M.R., Nasrin, S.	Micropolar Fluid Flow Along with an Inclined Riga Plate Through a Porous Medium	micropolar fluid, Riga plate, heat transfer, mass transfer, inclined angle	39, 4, 1123-1133	https://doi.org/10.18280/ijht.390410	Islam, M.R., Nasrin, S. (2021). Micropolar fluid flow along with an inclined Riga plate through a porous medium. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1123-1133. https://doi.org/10.18280/ijht.390410
84	Murathathayalak, S., Kitchaiya, P.	Theoretical Study on a Novel Temperature Breakpoint Cyclic Operation to Enhance Desiccant Packed Bed Performance	operation improvement, cyclic operation, temperature swing adsorption, modelling, dehumidification	39, 4, 1134-1142	https://doi.org/10.18280/ijht.390411	Murathathayalak, S., Kitchaiya, P. (2021). Theoretical study on a novel temperature breakpoint cyclic operation to enhance desiccant packed bed performance. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1134-1142. https://doi.org/10.18280/ijht.390411

85	Shi, Y.X., Jiang, P., Wang, F.J., Zhou, S.X.	Experimental Study on Mixing Uniformity of Injection On-Line Mixer of Crop Protection Equipment	injection online mixer, numerical simulation, mixing uniformity, variation coefficient, image analysis	39, 4, 1143-1152	https://doi.org/10.18280/ijht.390412	Shi, Y.X., Jiang, P., Wang, F.J., Zhou, S.X. (2021). Experimental study on mixing uniformity of injection on-line mixer of crop protection equipment. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1143-1152. https://doi.org/10.18280/ijht.390412
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88	Gao, X.L., Shang, L.B., Xia, R.J., Zhang, X.D., Yao, W.	Influence of Air Supply Height on Sleep Comfort Through Computational Fluid Dynamics Simulation	air supply height (ASH), sleep comfort, computational fluid dynamics (CFD), aeration efficiency (AE), technique for order of preference by similarity to ideal solution (TOPSIS)	39, 4, 1173-1179	https://doi.org/10.18280/ijht.390415	Gao, X.L., Shang, L.B., Xia, R.J., Zhang, X.D., Yao, W. (2021). Influence of air supply height on sleep comfort through computational fluid dynamics simulation. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1173-1179. https://doi.org/10.18280/ijht.390415
89	Chandrawat, R.K., Joshi, V.	Numerical Study of Ion-Slip and Hall Effect on Couette Flow of Two Immiscible Micropolar and Micropolar Dusty Fluid (Fluid-Particle Suspension) with Heat Transfer	micropolar fluid, immiscible fluid, unsteady flow, modified cubic b-spline, differential quadrature method	39, 4, 1180-1196	https://doi.org/10.18280/ijht.390416	Chandrawat, R.K., Joshi, V. (2021). Numerical study of ion-slip and hall effect on Couette flow of two immiscible micropolar and micropolar dusty fluid (fluid-particle suspension) with heat transfer. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1180-1196. https://doi.org/10.18280/ijht.390416
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91	Cai, N., Zhang, D.L.	An Experimental Study on Operating Characteristics of Radiant Floor Cooling Integrated with Underfloor Ventilation System	radiant floor cooling, underfloor ventilation, operating characteristic	39, 4, 1207-1212	https://doi.org/10.18280/ijht.390418	Cai, N., Zhang, D.L. (2021). An experimental study on operating characteristics of radiant floor cooling integrated with underfloor ventilation system. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1207-1212. https://doi.org/10.18280/ijht.390418
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93	Gupta, A.K., Kumar, M., Sahoo, R.K., Sarangi, S.K.	Analytical and Experimental Investigation of a Plate Fin Heat Exchanger at Cryogenics Temperature	plate fin heat exchanger, effectiveness, friction factor, cryogenics	39, 4, 1225-1235	https://doi.org/10.18280/ijht.390420	Gupta, A.K., Kumar, M., Sahoo, R.K., Sarangi, S.K. (2021). Analytical and experimental investigation of a plate fin heat exchanger at cryogenics temperature. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1225-1235. https://doi.org/10.18280/ijht.390420
94	Al-Dabbas, M.A.A.	The Capability to Make Ice from Sunlight Utilizing a New Absorption Unit of Nano-Coated Ammonia/Calcium Chloride	ice producer, Ammonia/calcium chloride, absorption, nanofluid particle - materials, solar, domestic systems, and paint mixture	39, 4, 1236-1242	https://doi.org/10.18280/ijht.390421	Al-Dabbas, M.A.A. (2021). The capability to make ice from sunlight utilizing a new absorption unit of nano-coated ammonia/calcium chloride. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1236-1242. https://doi.org/10.18280/ijht.390421
95	Chitsazan, A., Klepp, G., Glasmacher, B.	Numerical Prediction of the Second Peak in the Nusselt Number Distribution from an Impinging Round Jet	jet impingement, heat transfer, secondary peak, turbulence modeling, CFD	39, 4, 1243-1242	https://doi.org/10.18280/ijht.390422	Chitsazan, A., Klepp, G., Glasmacher, B. (2021). Numerical prediction of the second peak in the Nusselt number distribution from an impinging round jet. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1243-1252. https://doi.org/10.18280/ijht.390422
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99	Adenane, G., Mohammed, B., Mea, G.	Effect of Operating Temperatures and Working Pairs on Performance of Solar Adsorption Cooling System	solar cooling, Adsorption refrigeration, Thermodynamic parameters, COP	39, 4, 1280-1286	https://doi.org/10.18280/ijht.390426	Adenane, G., Mohammed, B., Mea, G. (2021). Effect of operating temperatures and working pairs on performance of solar adsorption cooling system. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1280-1286. https://doi.org/10.18280/ijht.390426
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103	Yassen, T.A., Al-Jethelah, M.S.M., Dheyab, H.S.	Experimental Study of Innovative Indirect Solar Dryers	indirect type solar dryer, novel drying chamber, natural convection, flat plate absorber, experimental study, thermal efficiency	39, 4, 1313-1320	https://doi.org/10.18280/ijht.390430	Yassen, T.A., Al-Jethelah, M.S.M., Dheyab, H.S. (2021). Experimental study of innovative indirect solar dryers. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1313-1320. https://doi.org/10.18280/ijht.390430
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112	Harsito, C., Permata, A.N.S.	Investigation of Air Distribution in Mosque Rooms with Different Angles of Supply and Inlet Velocity	HVAC, CFD simulation, air distribution, inlet velocity, inlet angles	39, 4, 1383-1388	https://doi.org/10.18280/ijht.390439	Harsito, C., Permata, A.N.S. (2021). Investigation of air distribution in mosque rooms with different angles of supply and inlet velocity. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1383-1388. https://doi.org/10.18280/ijht.390439
113	Chen, G.M., Yip, Y.H.	Leveque-Type Similarity Transformation for a Thermally Developing Viscous Dissipative Flow in a Parallel Plate Channel	Leveque-type similarity transformation, thermally developing, forced convection, viscous dissipation	39, 4, 1389-1394	https://doi.org/10.18280/ijht.390440	Chen, G.M., Yip, Y.H. (2021). Leveque-type similarity transformation for a thermally developing viscous dissipative flow in a parallel plate channel. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 4, pp. 1389-1394. https://doi.org/10.18280/ijht.390440
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118	Bagai, S., Kumar, M., Patel, A.	Mixed Convection in a Two-Sided and Four-Sided Lid-Driven Square Porous Cavity	alternating-direction-implicit (ADI) method, finite difference method, mixed convection, two-sided and four-sided lid-driven flow, porous media	39, 3, 711-726	https://doi.org/10.18280/ijht.390305	Bagai, S., Kumar, M., Patel, A. (2021). Mixed convection in a two-sided and four-sided lid-driven square porous cavity. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 711-726. https://doi.org/10.18280/ijht.390305
119	Ayano, M.S.	Comparative Analysis MHD Bioconvective Flow of Micropolar Nanofluid in Porous Medium	gyrotactic microorganisms, hall current effect, radiation, nanofluid, porous medium, spectral method	39, 3, 727-736	https://doi.org/10.18280/ijht.390306	Ayano, M.S. (2021). Comparative analysis MHD bioconvective flow of micropolar nanofluid in porous medium. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 727-736. https://doi.org/10.18280/ijht.390306
120	Ata, A., Ozdemir, I.B.	Stability Characteristics of a Turbulent Nonpremixed Conical Bluff Body Flame	turbulent non-premixed flame, methane flame, conical bluff body, flame stability	39, 3, 737-745	https://doi.org/10.18280/ijht.390307	Ata, A., Ozdemir, I.B. (2021). Stability characteristics of a turbulent nonpremixed conical bluff body flame. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 737-745. https://doi.org/10.18280/ijht.390307
121	Liu, W.	Energy Consumption Analysis and Comprehensive Energy Efficiency Evaluation of Campus Central Heating System Based on Heat Supply Monitoring Platform	monitoring platform, campus central heating system, energy consumption analysis, energy efficiency evaluation	39, 3, 746-754	https://doi.org/10.18280/ijht.390308	Liu, W. (2021). Energy consumption analysis and comprehensive energy efficiency evaluation of campus central heating system based on heat supply monitoring platform. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 746-754. https://doi.org/10.18280/ijht.390308
122	Chitsazan, A., Klepp, G., Glasmacher, B., Pour, K.M.	Numerical Optimization of Drying Energy Consumption from Multiple Jets Impinging on a Moving Curved Surface	multiple jets, drying energy consumption, surface motion, surface curvature, CFD, optimization	39, 3, 755-762	https://doi.org/10.18280/ijht.390309	Chitsazan, A., Klepp, G., Glasmacher, B., Pour, K.M. (2021). Numerical optimization of drying energy consumption from multiple jets impinging on a moving curved surface. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 755-762. https://doi.org/10.18280/ijht.390309
123	Noumo, P.G., Njomo, D., Nana, K.Z., Nguemo, L.R.C.	Numerical Simulation of the Minimum Insulation Thickness to Thermally Design a Subsea Pipeline Carrying an Oil and Gas Flow	thermal insulation, two-phase flow, heat transfer, numerical simulation, temperature profile, pressure profile	39, 3, 763-774	https://doi.org/10.18280/ijht.390310	Noumo, P.G., Njomo, D., Nana, K.Z., Nguemo, L.R.C. (2021). Numerical simulation of the minimum insulation thickness to thermally design a subsea pipeline carrying an oil and gas flow. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 763-774. https://doi.org/10.18280/ijht.390310
124	Babu, A.B., Reddy, G.S.K., Koteswararo, N.V.	Nonlinear Magneto Convection in a Rotating Fluid due to Vertical Magnetic Field and Vertical Axis of Rotation	bifurcation points, secondary instabilities, heat transport, travelling and standing waves	39, 3, 775-786	https://doi.org/10.18280/ijht.390311	Babu, A.B., Reddy, G.S.K., Koteswararo, N.V. (2021). Nonlinear magneto convection in a rotating fluid due to vertical magnetic field and vertical axis of rotation. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 775-786. https://doi.org/10.18280/ijht.390311
125	Zhang, F.Q.	An Individual Household-Based Heating Metering and Charging Management System for Central Heating in Community Residential Buildings	central heating, metering based on individual household, heat sharing, hydraulic characteristics	39, 3, 787-796	https://doi.org/10.18280/ijht.390312	Zhang, F.Q. (2021). An individual household-based heating metering and charging management system for central heating in community residential buildings. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 787-796. https://doi.org/10.18280/ijht.390312
126	Syaiful, Yuniarto, B., Salsabila, C.D., Fajar T.K., F., Soetanto, M.F.	Effect of Attack Angle of Concave and Convex Winglets Vortex Generators on Thermal-Hydraulic Performance of Fin and Tube Heat Exchangers with Field Synergy Principle	longitudinal vortex, vortex intensity, heat transfer coefficient, thermal-hydrodynamic performance, synergy angle	39, 3, 797-809	https://doi.org/10.18280/ijht.390313	Syaiful, Yuniarto, B., Salsabila, C.D., Fajar T.K., F., Soetanto, M.F. (2021). Effect of attack angle of concave and convex winglets vortex generators on thermal-hydraulic performance of fin and tube heat exchangers with field synergy principle. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 797-809. https://doi.org/10.18280/ijht.390313

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128	Jaddoa, A.A.	Convection Heat Transfer Analysis with Flow Resistance for Mini-Helically Coiled Tubes at Supercritical Pressures Experimentally	supercritical CO ₂ , helically coiled tube, exergy destruction, friction factor and pressure drop	39, 3, 817-824	https://doi.org/10.18280/ijht.390315	Jaddoa, A.A. (2021). Convection heat transfer analysis with flow resistance for mini-helically coiled tubes at supercritical pressures experimentally. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 817-824. https://doi.org/10.18280/ijht.390315
129	Yu, J., Sui, L.L., Xu, Y.R., Chi, B.M.	Fluctuation Characteristics of Water Level and Water Temperature of Huize Well Based on MF-DCCA	water level, water temperature, MF-DCCA	39, 3, 825-832	https://doi.org/10.18280/ijht.390316	Yu, J., Sui, L.L., Xu, Y.R., Chi, B.M. (2021). Fluctuation characteristics of water level and water temperature of Huize well based on MF-DCCA. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 825-832. https://doi.org/10.18280/ijht.390316
130	Samsudin, S., Aziz, N.A., Hairuddin, A.A., Masuri, S.U.	A Study on Bituminous Coal Base Acid Ratio to the Slagging Factor at Large Scale Boiler	boiler, coal ash, base acid ratio, ash slagging	39, 3, 833-840	https://doi.org/10.18280/ijht.390317	Samsudin, S., Aziz, N.A., Hairuddin, A.A., Masuri, S.U. (2021). A study on bituminous coal base acid ratio to the slagging factor at large scale boiler. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 833-840. https://doi.org/10.18280/ijht.390317
131	Anurag, Yadav, S.L., Singh, A.K.	Influence of Heat Source/Sink on Free Convection in Annular Porous Region	fully developed flow, natural convection, source and sink, isothermal and constant heat flux, modified Bessel function	39, 3, 841-850	https://doi.org/10.18280/ijht.390318	Anurag, Yadav, S.L., Singh, A.K. (2021). Influence of heat source/sink on free convection in annular porous region. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 841-850. https://doi.org/10.18280/ijht.390318
132	Shakir, S.W., Ahmed, S.M.R., Wibeab, A.D.	Improvement of CO ₂ Absorption/Desorption Rate Using New Nano-Fluid	alkanolamine blends, CO ₂ absorption capacity, desorption capacity, nano particles, improvement factor	39, 3, 851-857	https://doi.org/10.18280/ijht.390319	Shakir, S.W., Ahmed, S.M.R., Wibeab, A.D. (2021). Improvement of CO ₂ absorption/desorption rate using new nano-fluid. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 851-857. https://doi.org/10.18280/ijht.390319
133	Basavarajit, S., Kalelu, A., Chintreddy, S.R.	Heat Transfer Analysis of Gas Turbine Blade by Varying Number of Cooling Holes and at Suitable Coolant Speeds Using CFD	turbine blade, internal cooling, cooling holes, Nusselt number, heat transfer coefficient, CFD simulation, FLUENT 14.5	39, 3, 858-866	https://doi.org/10.18280/ijht.390320	Basavarajit, S., Kalelu, A., Chintreddy, S.R. (2021). Heat transfer analysis of gas turbine blade by varying number of cooling holes and at suitable coolant speeds using CFD. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 858-866. https://doi.org/10.18280/ijht.390320
134	Qiao, J.F., Wu, H.G., Niu, Y.J.	Risk Assessment of Smart Community Heating Reconstruction Project Based on Artificial Neural Network	neural network, heating reconstruction, risk assessment, artificial fish swarm algorithm (AFSA)	39, 3, 867-875	https://doi.org/10.18280/ijht.390321	Qiao, J.F., Wu, H.G., Niu, Y.J. (2021). Risk assessment of smart community heating reconstruction project based on artificial neural network. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 867-875. https://doi.org/10.18280/ijht.390321
135	Lawrence, J., Alagarsamy, V.K.	Fluid Flow and Heat Transfer Analysis of Quadratic Free Convection in a Nanofluid Filled Porous Cavity	non-linear convection, porous, nanofluid, cavity, magnetic, heatlines	39, 3, 876-884	https://doi.org/10.18280/ijht.390322	Lawrence, J., Alagarsamy, V.K. (2021). Fluid flow and heat transfer analysis of quadratic free convection in a nanofluid filled porous cavity. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 876-884. https://doi.org/10.18280/ijht.390322
136	Babu, D.H., Tarakaramu, N., Narayana, P.V.S., Sarojamma, G., Makinde, O.D.	MHD Flow and Heat Transfer of a Jeffrey Fluid over a Porous Stretching/Shrinking Sheet with a Convective Boundary Condition	Jeffrey fluid, convective boundary conditions, magneto-hydrodynamics (MHD), thermal radiation, numerical study	39, 3, 885-894	https://doi.org/10.18280/ijht.390323	Babu, D.H., Tarakaramu, N., Narayana, P.V.S., Sarojamma, G., Makinde, O.D. (2021). MHD flow and heat transfer of a Jeffrey fluid over a porous stretching/shrinking sheet with a convective boundary condition. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 885-894. https://doi.org/10.18280/ijht.390323
137	Kadhim, S.K., Al-Azawy, M.G., Ali, S.A.G., Kadhim, M.Q.	The Influence of Non-Newtonian Model on Properties of Blood Flow Through a Left Coronary Artery with Presence of Different Double Stenosis	left coronary artery, double stenosis, non-Newtonian flow, wall shear stress, computational fluid dynamics	39, 3, 895-905	https://doi.org/10.18280/ijht.390324	Kadhim, S.K., Al-Azawy, M.G., Ali, S.A.G., Kadhim, M.Q. (2021). The influence of non-Newtonian model on properties of blood flow through a left coronary artery with presence of different double stenosis. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 895-905. https://doi.org/10.18280/ijht.390324
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139	Kruthiventi, S.S., Rasu, N.G., Rao, Y.V.H.	Modelling and Parametric Analysis of Wire Finned Coiled Tube Heat Exchanger in a Small J-T Refrigerator	J-T refrigerator, wirefin, coiled tube heat exchanger, refrigerant mixture	39, 3, 913-918	https://doi.org/10.18280/ijht.390326	Kruthiventi, S.S., Rasu, N.G., Rao, Y.V.H. (2021). Modelling and parametric analysis of wire finned coiled tube heat exchanger in a small J-T refrigerator. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 913-918. https://doi.org/10.18280/ijht.390326
140	Qadiri, U., Pasha, A.A., Rahman, M.M., Raheem, M.A., Jameel, A.G.A., Pillai, S.N.	Parametric Investigation on Single Cylinder Spark Ignition Engine Fueled Methanol Blends; Water-Based Micro Emulsions and Conventional Gasoline	J-T refrigerator, wirefin, coiled tube heat exchanger, refrigerant mixture	39, 3, 919-924	https://doi.org/10.18280/ijht.390327	Qadiri, U., Pasha, A.A., Rahman, M.M., Raheem, M.A., Jameel, A.G.A., Pillai, S.N. (2021). Parametric investigation on single cylinder spark ignition engine fueled methanol blends; water-based micro emulsions and conventional gasoline. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 919-924. https://doi.org/10.18280/ijht.390327
141	He, X., Ren, X., Zeng, F.J., Zhang, Y.D., Xin, Y., Chen, Q.H.	Influence of H ₂ O on Oxygen Enriched Diffusion Combustion of Natural Gas	O ₂ /H ₂ O combustion, numerical simulation, oxygen enrichment, temperature, pollutants	39, 3, 925-932	https://doi.org/10.18280/ijht.390328	He, X., Ren, X., Zeng, F.J., Zhang, Y.D., Xin, Y., Chen, Q.H. (2021). Influence of H ₂ O on oxygen enriched diffusion combustion of natural gas. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 925-932. https://doi.org/10.18280/ijht.390328
142	Parenden, D., Sahupala, P., Hariyanto, H.	Utilization of Solar Energy for Water Pump Installation Design	solar, solar energy, pump, solar cell	39, 3, 933-937	https://doi.org/10.18280/ijht.390329	Parenden, D., Sahupala, P., Hariyanto, H. (2021). Utilization of solar energy for water pump installation design. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 933-937. https://doi.org/10.18280/ijht.390329
143	Al-Dabbas, M.A.A.	The Description of "Temperature Self-Limiting" in Jordanian Solar Generators with Natural Cooling	stagnation, inactiveness, solar generator, solid flow CFX, solenoid check valve, emptying of solar generator, temperature self-limiting, natural cooling, Reflux Pipe	39, 3, 938-946	https://doi.org/10.18280/ijht.390330	Al-Dabbas, M.A.A. (2021). The description of "temperature self-limiting" in Jordanian solar generators with natural cooling. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 938-946. https://doi.org/10.18280/ijht.390330
144	Zhang, M.M.	Heat Source Analysis on Ultrasonic Welding of Plastic Structural Components Based on Numerical Simulation	numerical simulation, plastic structural component, ultrasonic welding, heat source analysis	39, 3, 947-954	https://doi.org/10.18280/ijht.390331	Zhang, M.M. (2021). Heat source analysis on ultrasonic welding of plastic structural components based on numerical simulation. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 947-954. https://doi.org/10.18280/ijht.390331
145	Nerella, S.S., Nakka, S.V.V.S., Panitapu, B.	Mathematical Modeling of Closed Loop Pulsating Heat Pipe by Using Artificial Neural Networks	angle of inclination, ANN model, CLPHP, fill ratio (FR), heat input, thermal resistance (Rth), working fluid	39, 3, 955-962	https://doi.org/10.18280/ijht.390332	Nerella, S.S., Nakka, S.V.V.S., Panitapu, B. (2021). Mathematical modeling of closed loop pulsating heat pipe by using artificial neural networks. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 955-962. https://doi.org/10.18280/ijht.390332
146	Rabi, R., Oufni, L., Youssoufi, E.H., Cheikh, K., Badry, H., Errami, Y.	CFD Simulation and Experimental Measurements of Radon Distribution in a Traditional Hammam	radon, traditional hammam, computational fluid dynamics (CFD), measurement method, analytical method	39, 3, 963-968	https://doi.org/10.18280/ijht.390333	Rabi, R., Oufni, L., Youssoufi, E.H., Cheikh, K., Badry, H., Errami, Y. (2021). CFD simulation and experimental measurements of radon distribution in a traditional hammam. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 963-968. https://doi.org/10.18280/ijht.390333
147	Zhao, F., Li, X.W., Hou, J.L.	Simulation and Multi-Objective Optimization of the Vehicle Thermal Management System of Electric Cars	electric cars, vehicle thermal management (VTM), system simulation, multi-objective optimization	39, 3, 969-978	https://doi.org/10.18280/ijht.390334	Zhao, F., Li, X.W., Hou, J.L. (2021). Simulation and multi-objective optimization of the vehicle thermal management system of electric cars. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 969-978. https://doi.org/10.18280/ijht.390334

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149	Sapakal, N.P.	Experimental Investigations on the Ignition Delay Time of Freely Falling Liquid Fuel Droplets	ignition delay time, free falling droplets, hydrocarbons, viscosity, volatility, negative temperature coefficient	39, 3, 987-991	https://doi.org/10.18280/ijht.390336	Sapakal, N.P. (2021). Experimental investigations on the ignition delay time of freely falling liquid fuel droplets. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 987-991. https://doi.org/10.18280/ijht.390336
150	Bo, Q.Y., Cheng, W.Q., Sun, T.	On the Influencing Mechanism of Geothermal Fluids on the Dynamic Changes of Groundwater Flow and Heat Transfer Temperature	geothermal, groundwater flow, flow rate, temperature field	39, 3, 992-1000	https://doi.org/10.18280/ijht.390337	Bo, Q.Y., Cheng, W.Q., Sun, T. (2021). On the influencing mechanism of geothermal fluids on the dynamic changes of groundwater flow and heat transfer temperature. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 992-1000. https://doi.org/10.18280/ijht.390337
151	Fatt, Y.Y., Goharzadeh, A.	Modeling of Particle Deposition in a Two-Fluid Flow Environment	two-fluid flow, particle deposition, level-set method	39, 3, 1001-1014	https://doi.org/10.18280/ijht.390338	Fatt, Y.Y., Goharzadeh, A. (2021). Modeling of particle deposition in a two-fluid flow environment. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 1001-1014. https://doi.org/10.18280/ijht.390338
152	Puranik, S.M., Ramarao, I., Ravikumar, S.K.	Effect of Heat Transfer on Newtonian Flow Between Concentric Elliptical Regions	conformal mapping, concentric ellipse, doubly connected region, heat transfer, Newtonian fluid	39, 3, 1015-1025	https://doi.org/10.18280/ijht.390339	Puranik, S.M., Ramarao, I., Ravikumar, S.K. (2021). Effect of heat transfer on Newtonian flow between concentric elliptical regions. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 1015-1025. https://doi.org/10.18280/ijht.390339
153	Liu, Y.J.	Systematic Renovation Design of Surface Water Source Heat Pump for a Hot Spring Center Based on Thermodynamic Analysis	surface water, water source heat pump (WSHP), system optimization, renovation design, exergy analysis of WSHP system	39, 3, 1026-1036	https://doi.org/10.18280/ijht.390340	Liu, Y.J. (2021). Systematic renovation design of surface water source heat pump for a hot spring center based on thermodynamic analysis. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 3, pp. 1026-1036. https://doi.org/10.18280/ijht.390340
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155	Guillermo, F.U., Diana, R., Domingo, A.T.	Estimation of a Thermal Conductivity in a Stationary Heat Transfer Problem with a Solid-Solid Interface	elasticity analysis, inverse problem, mathematical modeling, numerical simulation, parameter estimation	39, 2, 337-344	https://doi.org/10.18280/ijht.390202	Guillermo, F.U., Diana, R., Domingo, A.T. (2021). Estimation of a thermal conductivity in a stationary heat transfer problem with a solid-solid interface. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 337-344. https://doi.org/10.18280/ijht.390202
156	Daghab, H., Kaddiri, M., Raghu, S., Lamsadi, M., El Harfi, H.	Numerical Study of Natural Convection for Generalized Second-Grade Fluids Confined in a Square Cavity Subjected to Horizontal Heat Flux	finite volume, generalized second-grade model, natural convection, numerical study, square cavity, viscoelastic fluids	39, 2, 345-354	https://doi.org/10.18280/ijht.390203	Daghab, H., Kaddiri, M., Raghu, S., Lamsadi, M., El Harfi, H. (2021). Numerical study of natural convection for generalized second-grade fluids confined in a square cavity subjected to horizontal heat flux. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 345-354. https://doi.org/10.18280/ijht.390203
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158	Al-Obaidi, A.R., Alhamid, J.	Investigation of Thermo-Hydraulics Flow and Augmentation of Heat Transfer in the Circular Pipe by Combined Using Corrugated Tube with Dimples and Fitted with Varying Tape Insert Configurations	thermo-hydraulics flow, augmentation of heat transfer, corrugated tube, dimples, tape insert configurations	39, 2, 365-374	https://doi.org/10.18280/ijht.390205	Al-Obaidi, A.R., Alhamid, J. (2021). Investigation of thermo-hydraulics flow and augmentation of heat transfer in the circular pipe by combined using corrugated tube with dimples and fitted with varying tape insert configurations. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 365-374. https://doi.org/10.18280/ijht.390205
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160	Gao, J., Guo, S.H., Liu, J.Q., Li, J.	Properties of Polyhedral Oligomeric Silesquioxane-Modified Cellulose Insulation Paper with Different Number of Phenyls	cellulose insulation paper, polyhedral oligomeric silesquioxane (POSS), mechanical properties, thermal stability, polarizability	39, 2, 383-389	https://doi.org/10.18280/ijht.390207	Gao, J., Guo, S.H., Liu, J.Q., Li, J. (2021). Properties of polyhedral oligomeric silesquioxane-modified cellulose insulation paper with different number of phenyls. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 383-389. https://doi.org/10.18280/ijht.390207
161	Camaraza-Medina, Y.	New Perspective for Heat Transfer Evaluation During Film Condensation Inside Tubes	film condensation, heat transfer coefficient, adimensional velocity, mathematical deduction	39, 2, 390-402	https://doi.org/10.18280/ijht.390208	Camaraza-Medina, Y. (2021). New perspective for heat transfer evaluation during film condensation inside tubes. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 390-402. https://doi.org/10.18280/ijht.390208
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168	Villagran, E.	Two-Dimensional Numerical Study of the Microclimate Generated in Three Screenhouses for the Climatic Conditions of the Colombian Caribbean	CFD simulation, airflow, temperature, relative humidity	39, 2, 460-468	https://doi.org/10.18280/ijht.390215	Villagran, E. (2021). Two-dimensional numerical study of the microclimate generated in three screenhouses for the climatic conditions of the Colombian Caribbean. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 460-468. https://doi.org/10.18280/ijht.390215

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189	Aneli, S., Arena, R., Gagliano, A.	Numerical Simulations of a PV Module with Phase Change Material (PV-PCM) under Variable Weather Conditions	PCM, PV performances, cells temperature, CFD, simulation	39, 2, 643-652	https://doi.org/10.18280/ijht.390236	Aneli, S., Arena, R., Gagliano, A. (2021). Numerical simulations of a PV module with phase change material (PV-PCM) under variable weather conditions. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 2, pp. 643-652. https://doi.org/10.18280/ijht.390236

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203	Oyelami, A.T., Adejuyigbe, S.B., Olusunle, S.O.	Thermal Analysis of Recuperator Developed for Waste Heat Recycling in Liquid-Fuel Fired Furnaces	recuperator, heat exchanger, thermal efficiency, fuel economy, melting furnace	39, 1, 121-127	https://doi.org/10.18280/ijht.390112	Oyelami, A.T., Adejuyigbe, S.B., Olusunle, S.O. (2021). Thermal analysis of recuperator developed for waste heat recycling in liquid-fuel fired furnaces. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 121-127. https://doi.org/10.18280/ijht.390112
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205	Surakasi, R., Sagari, J., Vinjamuri, K.B., Sanduru, B., Vadapalli, S.	Stability and Thermo-Physical Properties of Ethylene Glycol Based Nanofluids for Solar Thermal Applications	solar thermal fluids, multi-walled carbon nanotubes, ethylene glycol - water mixture, viscosity, thermal conductivity, correlation	39, 1, 137-144	https://doi.org/10.18280/ijht.390114	Surakasi, R., Sagari, J., Vinjamuri, K.B., Sanduru, B., Vadapalli, S. (2021). Stability and thermo-physical properties of ethylene glycol based nanofluids for solar thermal applications. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 137-144. https://doi.org/10.18280/ijht.390114
206	Rahmani, M., Petrucci, A.M., Pourdavood, M.R.	Analytical Study of Free Vibrations of Fluid Coupling and Structure in Collision of Turbulent Fluid with FGM Plate	free vibration, FGM, turbulent fluid, Febrary series, Rayleigh-ritz method	39, 1, 145-154	https://doi.org/10.18280/ijht.390115	Rahmani, M., Petrucci, A.M., Pourdavood, M.R. (2021). Analytical study of free vibrations of fluid coupling and structure in collision of turbulent fluid with FGM plate. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 145-154. https://doi.org/10.18280/ijht.390115
207	Ali, A.B., Karkoub, M., Chrigui, M.	Numerical Investigation of Turbulent Premixed Combustion of Methane / Air in Low Swirl Burner under Elevated Pressures and Temperatures	combustion, low swirl burner, turbulence, computational fluid dynamics, large eddy simulation, Reynolds averaged Navier-Stokes	39, 1, 155-160	https://doi.org/10.18280/ijht.390116	Ali, A.B., Karkoub, M., Chrigui, M. (2021). Numerical investigation of turbulent premixed combustion of methane / air in low swirl burner under elevated pressures and temperatures. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 155-160. https://doi.org/10.18280/ijht.390116
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212	Lou, B.N., Liang, Y., Gao, X.	Energy Consumption Assessment and Energy-Saving Management in Tourist Resorts	tourist resort, hydrothermal environment, energy consumption assessment, energy-saving management	39, 1, 195-204	https://doi.org/10.18280/ijht.390121	Lou, B.N., Liang, Y., Gao, X. (2021). Energy consumption assessment and energy-saving management in tourist resorts. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 195-204. https://doi.org/10.18280/ijht.390121
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214	Salih, E.M.S., Al Khaqani, B.H.	Effect of Laser Surface Treatment on Transition Temperature of Ni/Ti SMAS	NiTi SMAS, transformation temp., biocompatibility, ion relies, surface treatment, laser treatment	39, 1, 213-218	https://doi.org/10.18280/ijht.390123	Salih, E.M.S., Al Khaqani, B.H. (2021). Effect of laser surface treatment on transition temperature of Ni/Ti SMAS. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 213-218. https://doi.org/10.18280/ijht.390123
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217	Rezende, T.R., Vianna, R.F., Luporini, S.	Simulation of a Plate Heat Exchanger Operating with Nanofluid Coolant Using CFD	CFD, heat transfer, nanofluid, plate heat exchanger, simulation	39, 1, 235-240	https://doi.org/10.18280/ijht.390126	Rezende, T.R., Vianna, R.F., Luporini, S. (2021). Simulation of a plate heat exchanger operating with nanofluid coolant using CFD. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 235-240. https://doi.org/10.18280/ijht.390126
218	Cheng, Y.K., Shi, Z.W., Zu, F.J.	Temperature Field Distribution and Thermal Stability of Roadbed in Permafrost Regions	permafrost regions, frozen soil roadbed, temperature field analysis, thermal stability analysis	39, 1, 241-250	https://doi.org/10.18280/ijht.390127	Cheng, Y.K., Shi, Z.W., Zu, F.J. (2021). Temperature field distribution and thermal stability of roadbed in permafrost regions. <i>International Journal of Heat and Technology</i> , Vol. 39, No. 1, pp. 241-250. https://doi.org/10.18280/ijht.390127
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246	Wang, Y., Man, Z.S., Lu, M.H.	Prediction of energy-efficient production of coalbed methane based on chaotic time series and Bayes-least squares-support vector machine	chaotic time series, phase space reconstruction, Bayes-least squares-support vector machine (Bayes-LS-SVM), energy-efficient productivity of coalbed methane (CBM)	38, 4, 933-940	https://doi.org/10.18280/ijht.380420	Wang, Y., Man, Z.S., Lu, M.H. (2020). Prediction of energy-efficient production of coalbed methane based on chaotic time series and Bayes-least squares-support vector machine. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 4, pp. 933-940. https://doi.org/10.18280/ijht.380420
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251	Mutani, G., Todeschi, V., Pastorelli, M.	Thermal-electrical analogy for dynamic urban-scale energy modeling	building energy balance, hourly model, residential buildings, urban scale, urban variables, thermal-electrical analogy, place-based analysis	38, 3, 571-582	https://doi.org/10.18280/ijht.380301	Mutani, G., Todeschi, V., Pastorelli, M. (2020). Thermal-electrical analogy for dynamic urban-scale energy modeling. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 571-582. https://doi.org/10.18280/ijht.380301
252	Campagnoli, E., Giaretto, V.	Experimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to -60 °C	water-agar gel, experimental investigation, thermal conductivity, thermal diffusivity, cryoblation	38, 3, 583-589	https://doi.org/10.18280/ijht.380302	Campagnoli, E., Giaretto, V. (2020). Experimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to -60 °C. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 3, pp. 583-589. https://doi.org/10.18280/ijht.380302

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334	Zou, D.Z., Sun, C.	Analysis for thermal performance and energy-efficient technology of prefabricated building walls	prefabricated building, energy-efficient design, composite wall, thermal performance, thermal conductivity	38, 1, 269-273	https://doi.org/10.18280/ijht.380129	Zou, D.Z., Sun, C. (2020). Analysis for thermal performance and energy-efficient technology of prefabricated building walls. <i>International Journal of Heat and Technology</i> , Vol. 38, No. 1, pp. 269-273. https://doi.org/10.18280/ijht.380129
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338	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	https://doi.org/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
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340	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	https://doi.org/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
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342	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	https://doi.org/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
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349	Syaiful, Sivi, 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	https://doi.org/10.18280/ijht.370415	Syaiful, Sivi, 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
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419	Goldoust, A., Samasti Emami, M.R., Ranjbar, A.A.	Experimental investigation of the evaporator section tilted angle and filling ratio on the thermal characteristics of a two-phase closed thermosiphon	two-phase closed thermosiphon, tilted angle, filling ratio, rosenow's correlation, thermal performance	37, 2, 569-574	https://doi.org/10.18280/ijht.370226	Goldoust, A., Samasti Emami, M.R., Ranjbar, A.A. (2019). Experimental investigation of the evaporator section tilted angle and filling ratio on the thermal characteristics of a two-phase closed thermosiphon. <i>International Journal of Heat and Technology</i> , Vol. 37, No. 2, pp. 569-574. https://doi.org/10.18280/ijht.370226
420	Lertsathitankorn, C., Bamroongkhan, P., Sathapornprath, K., Soponronarit, 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	https://doi.org/10.18280/ijht.370227	Lertsathitankorn, C., Bamroongkhan, P., Sathapornprath, K., Soponronarit, 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

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422	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	https://doi.org/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
423	Sarifudin, A., Wijayanto, D.S., Widiastuti, I.	Parameters optimization of tube type, pressure, and mass fraction on vortex tube performance using the Taguchi method	Could Temperature, Coefficient of Performance Refrigeration (COP), cooling machine, natural cooling, forced cooling, parameter design, efficient experimental and reliable statistics	37, 2, 597-604	https://doi.org/10.18280/ijht.370230	Sarifudin, A., Wijayanto, D.S., Widiastuti, 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
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429	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	https://doi.org/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
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431	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 volum	37, 2, 659-664	https://doi.org/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
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507	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	https://doi.org/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
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525	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	https://doi.org/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

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732	Sadeghiyazad M.B.M.	Experimental study on thermal performance of double circuit vortex tube (DCVT) - Effect of heat transfer controller angle	double circuit vortex tube, heat transfer controller angle, energy separation, main length	35, 3, 668-672	https://doi.org/10.18280/ijht.350327	Sadeghiyazad 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
733	Mohamed S., Mokhtar A., Chatti T.B.	Numerical simulation of the compressible flow in convergent-divergent nozzle	converging-divergent nozzle, turbulence, shock wave, supersonic, compressible flow, finite volume	35, 3, 673-677	https://doi.org/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
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