No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Cucumo, M.A., Ferraro, V., Kaliakatsos, D., Nicoletti, F., Condò, D.	Thermal behaviour of a solar dish collector with flat mirrors using CFD analysis	performance analysis, solar thermal generator, dish collector, flat mirrors	38, 4, 767-774	https://doi.org/10.18280/ijht.380401	Cucumo, M.A., Ferraro, V., Kaliakatsos, D., Nicoletti, F., Condò, D. (2020). Thermal behaviour of a solar dish collector with flat mirrors using CFD analysis. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 767-774. https://doi.org/10.18280/ijht.380401
2	Faraj, A.F., Azzawi, I.D.J., Yahya, S.G.	Pitch variations study on helically coiled pipe in turbulent flow region using CFD	CFD, helical coil, friction factor, Reynolds number, pitch size, turbulent flows	38, 4, 775-784	https://doi.org/10.18280/ijht.380402	Faraj, A.F., Azzawi, I.D.J., Yahya, S.G. (2020). Pitch variations study on helically coiled pipe in turbulent flow region using CFD. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 775-784. https://doi.org/10.18280/ijht.380402
3	Naganthran, K., Zeeshan, A., Basir, M.F.M., Shehzad, N., Nazar, R., Choudhary, R., Balaji, S.	Concentration flux dependent on radiative MHD Casson flow with Arrhenius activation energy: Homotopy analysis method (HAM) with an evolutionary algorithm	Stefan blowing, blood flow, Casson fluid, HAM, Arrhenius activation energy	38, 4, 785-793	https://doi.org/10.18280/ijht.380403	Naganthran, K., Zeeshan, A., Basir, M.F.M., Shehzad, N., Nazar, R., Choudhary, R., Balaji, S. (2020). Concentration flux dependent on radiative MHD Casson flow with Arrhenius activation energy: Homotopy analysis method (HAM) with an evolutionary algorithm. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 785-793. https://doi.org/10.18280/ijht.380403
4	Pierucci, G., Balocco, C., De Lucia, M.	Development of a new heat flux sensor for building applications	heat flux sensor, prototype experimentation, test rig, calibration, thermal properties measurements	38, 4, 794-800	https://doi.org/10.18280/ijht.380404	Pierucci, G., Balocco, C., De Lucia, M. (2020). Development of a new heat flux sensor for building applications. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 794-800. https://doi.org/10.18280/ijht.380404
5	Gao, F., Lv, S., Zhang, C.Y., Zhang, P., Guo, Z.G., Ma, Q.Y., Zhang, X.	Discrete- and finite-element analysis on the tunneling safety of pipe jacking machine in coal rock formation	pipe jacking machine (PJM), tunneling safety, coal rock formation, discrete-element method (DEM)	38, 4, 801-807	https://doi.org/10.18280/ijht.380405	Gao, F., Lv, S., Zhang, C.Y., Zhang, P., Guo, Z.G., Ma, Q.Y., Zhang, X. (2020). Discrete- and finite-element analysis on the tunneling safety of pipe jacking machine in coal rock formation. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 801-807. https://doi.org/10.18280/ijht.380405
6	Ciesielski, M., Siedlecki, J., Janik, M.K.	Mathematical modelling of thermal and electrical processes in the polyp-colon system during electrosurgical polypectomy	electrosurgical polypectomy, Pennes bio-heat transfer model, biological tissue heating, tumor	38, 4, 808-816	https://doi.org/10.18280/ijht.380406	Ciesielski, M., Siedlecki, J., Janik, M.K. (2020). Mathematical modelling of thermal and electrical processes in the polyp-colon system during electrosurgical polypectomy. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 808-816. https://doi.org/10.18280/ijht.380406
7	Mallikarjuna, B., Ramprasad, S., Chakravarthy, Y.S.K.	Multiple slip and inspiration effects on hydromagnetic Casson fluid in a channel with stretchable walls	multiple slips, stretchable walls, Casson fluid, suction/injection, magnetics field	38, 4, 817-826	https://doi.org/10.18280/ijht.380407	Mallikarjuna, B., Ramprasad, S., Chakravarthy, Y.S.K. (2020). Multiple slip and inspiration effects on hydromagnetic Casson fluid in a channel with stretchable walls. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 817-826. https://doi.org/10.18280/ijht.380407
8	Sudarmanta, B., Mahanggi, A.A.K., Yuvenda, D., Soebagyo, H.	Optimization of injection pressure and injection timing on fuel sprays, engine performances and emissions on a developed DI 20C biodiesel engine prototype	biodiesel, performances, emissions, injection pressure, injection timing	38, 4, 827-838	https://doi.org/10.18280/ijht.380408	Sudarmanta, B., Mahanggi, A.A.K., Yuvenda, D., Soebagyo, H. (2020). Optimization of injection pressure and injection timing on fuel sprays, engine performances and emissions on a developed DI 20C biodiesel engine prototype. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 827-838. https://doi.org/10.18280/ijht.380408
9	Li, T., Yao, B.H., Wen, Z.H., Wang, D.K., Zhang, H.T.	Intelligent identification of coal structure for the control of heat-induced gas outburst and energy-efficient mining	type of coal structure, heat-induced gas outburst, intelligent identification, energy-efficient mining	38, 4, 839-846	https://doi.org/10.18280/ijht.380409	Li, T., Yao, B.H., Wen, Z.H., Wang, D.K., Zhang, H.T. (2020). Intelligent identification of coal structure for the control of heat-induced gas outburst and energy-efficient mining. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 839-846. https://doi.org/10.18280/ijht.380409
10	Nourbakhsh, A., Piri, S., Goudarzi, M., Bayareh, M.	Viscosity ratio effect on drop deformation in the boundary layer	droplet, boundary layer, friction coefficient, Reynolds number, nanofluid	38, 4, 847-853	https://doi.org/10.18280/ijht.380410	Nourbakhsh, A., Piri, S., Goudarzi, M., Bayareh, M. (2020). Viscosity ratio effect on drop deformation in the boundary layer. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 847-853. https://doi.org/10.18280/ijht.380410
11	Ahmad, S.N., Prakash, O.	Optimization of earth air tube heat exchanger for cooling application using Taguchi technique	Taguchi, analysis of variance (ANOVA), earth air tube heat exchanger, optimisation, ground heat exchanger length, overall heat transfer coefficient	38, 4, 854-862	https://doi.org/10.18280/ijht.380411	Ahmad, S.N., Prakash, O. (2020). Optimization of earth air tube heat exchanger for cooling application using Taguchi technique. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 854-862. https://doi.org/10.18280/ijht.380411
12	Pasha, K.M.K., El-Fawal, M.M.	Investigating the economical performance of four suggested designs for the heat exchangers	heat exchanger, energy economy, Nusselt, pressure losses, passage pattern	38, 4, 863-870	https://doi.org/10.18280/ijht.380412	Pasha, K.M.K., El-Fawal, M.M. (2020). Investigating the economical performance of four suggested designs for the heat exchangers. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 863-870. https://doi.org/10.18280/ijht.380412
13	Luo, Y.H., Yang, X.W., Jiang, P.	Numerical and experimental analyses on root zone temperature in aeroponic cultivation box	aeroponic cultivation, root zone temperature, numerical simulation, computational fluid dynamics (CFD)	38, 4, 871-879	https://doi.org/10.18280/ijht.380413	Luo, Y.H., Yang, X.W., Jiang, P. (2020). Numerical and experimental analyses on root zone temperature in aeroponic cultivation box. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 871-879. https://doi.org/10.18280/ijht.380413
14	Tahsini, A.M.	Proton exchange membrane fuel cells: Geometric scaling and similarity conditions	geometric scaling, numerical simulation, PEM fuel cell, polarization curve, similarity condition	38, 4, 880-886	https://doi.org/10.18280/ijht.380414	Tahsini, A.M. (2020). Proton exchange membrane fuel cells: Geometric scaling and similarity conditions. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 880-886. https://doi.org/10.18280/ijht.380414
15	Badiger, S., Katti, V.V., Tumkur, A.R.	Heat transfer characteristics of a coaxial inverse diffusion flame jet impingement with an induced swirl	coaxial tube burner, distribution of heat flux, inverse diffusion flame, twisted tape, thermal imager	38, 4, 887-894	https://doi.org/10.18280/ijht.380415	Badiger, S., Katti, V.V., Tumkur, A.R. (2020). Heat transfer characteristics of a coaxial inverse diffusion flame jet impingement with an induced swirl. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 887-894. https://doi.org/10.18280/ijht.380415
16	Pandiaraj, S., Ayyasamy, T., Govindasamy, K.	Heat transfer augmentation using water-in-glass evacuated tube coupled with parabolic trough in rack dryer in the drying of capsicum frutescens	solar rack dryer, capsicum frutescens, evacuated tube, passive heating, exergy	38, 4, 895-902	https://doi.org/10.18280/ijht.380416	Pandiaraj, S., Ayyasamy, T., Govindasamy, K. (2020). Heat transfer augmentation using water-in-glass evacuated tube coupled with parabolic trough in rack dryer in the drying of capsicum frutescens. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 895-902. https://doi.org/10.18280/ijht.380416
17	Guo, A., Liu, Z.R.	A new method for energy efficiency design of building facade and its thermodynamic evaluation	building facade, energy efficiency design, thermodynamic evaluation	38, 4, 903-913	https://doi.org/10.18280/ijht.380417	Guo, A., Liu, Z.R. (2020). A new method for energy efficiency design of building facade and its thermodynamic evaluation. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 903-913. https://doi.org/10.18280/ijht.380417
18	Moosavi, R., Golabi, M.	Optimization of the exhibition building form based on the solar energy absorption	energy optimization, exhibition, building form, cold & mountain climate, hot & dry climate, solar energy	38, 4, 914-924	https://doi.org/10.18280/ijht.380418	Moosavi, R., Golabi, M. (2020). Optimization of the exhibition building form based on the solar energy absorption. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 914-624. https://doi.org/10.18280/ijht.380418
19	Abdulrahman, R.S., Ibrahim, F.A., Faisel, S.H.	Numerical study of heat transfer and exergy analysis of shell and double tube heat exchanger	double tube heat exchanger, baffles, turbulent flow, exergy analysis, CFD	38, 4, 925-932	https://doi.org/10.18280/ijht.380419	Abdulrahman, R.S., Ibrahim, F.A., Faisel, S.H. (2020). Numerical study of heat transfer and exergy analysis of shell and double tube heat exchanger. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 925-932. https://doi.org/10.18280/ijht.380419
20	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. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 933-940. https://doi.org/10.18280/ijht.380420
21	Elgandelwar, A.M., Jha, R.S., Lele, M.M.	Steady state two-phase flow analysis of natural circulation in hybrid boiler	natural circulation, two-phase flow, flow distribution, pressure drop, void fraction, circulation ratio,hybrid boiler	38, 4, 941-948	https://doi.org/10.18280/ijht.380421	Elgandelwar, A.M., Jha, R.S., Lele, M.M. (2020). Steady state two-phase flow analysis of natural circulation in hybrid boiler. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 941-948. https://doi.org/10.18280/ijht.380421

22	Nagisetty, B.G., Venkata, S.H.P.	Sequential procedure for improving the efficiency of CI engine by using artificial neural networks	neural networks, MATLAB, Emissions, CI Engines, inlet manifolds	38, 4, 949-959	https://doi.org/10.18280/ijht.380422	Nagisetty, B.G., Venkata, S.H.P. (2020). Sequential procedure for improving the efficiency of CI engine by using artificial neural networks. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 949-959. https://doi.org/10.18280/ijht.380422
23	Boumaraf, L., Khadraoui, R.	Investigation on the performance of a solar hybrid refrigeration system using environmentally friendly fluids	hybrid refrigeration cycle, ejector, solar energy, environmentally friendly fluids, modeling	38, 4, 960-966	https://doi.org/10.18280/ijht.380423	Boumaraf, L., Khadraoui, R. (2020). Investigation on the performance of a solar hybrid refrigeration system using environmentally friendly fluids. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 960-966. https://doi.org/10.18280/ijht.380423
24	Ni, N.	Thermodynamic features and design of solar-air source composite heating system	solar heating, air source heat pump (ASHP), thermodynamic feature analysis, composite heating system design	38, 4, 967-975	https://doi.org/10.18280/ijht.380424	Ni, N. (2020). Thermodynamic features and design of solar-air source composite heating system. International Journal of Heat and Technology, Vol. 38, No. 4, pp. 967-975. https://doi.org/10.18280/ijht.380424
25	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. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 571-582. https://doi.org/10.18280/ijht.380301
26	Campagnoli, E., Giaretto, V.	xperimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to –60℃	water-agar gel, experimental investigation, thermal conductivity, thermal diffusivity, cryoablation	38, 3, 583-589	https://doi.org/10.18280/ijht.380302	Campagnoli, E., Giaretto, V. (2020). Experimental investigation on thermal conductivity and thermal diffusivity of water-agar gel from room temperature to –60℃. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 583-589. https://doi.org/10.18280/ijht.380302
27	Ferraro, V., Marinelli, V., Settino, J., Nicoletti, F.	Techno-economic analysis of a solar tower power plant with an open air Brayton cycle and a combined cycle - a simplified calculation method	combined cycle, open air Brayton cycle, solar tower plants, thermodynamic performance, economic analysis, levelized cost of electricity	38, 3, 590-600	https://doi.org/10.18280/ijht.380303	Ferraro, V., Marinelli, V., Settino, J., Nicoletti, F. (2020). Techno-economic analysis of a solar tower power plant with an open air Brayton cycle and a combined cycle - a simplified calculation method. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 590-600. https://doi.org/10.18280/ijht.380303
28	Chitsazan, A., Glasmacher, B.	Numerical investigation of heat transfer and pressure force from multiple jets impinging on a moving flat surface	jet impingement, heat transfer, pressure force, multiple rows, jet angle, surface motion	38, 3, 601-610	https://doi.org/10.18280/ijht.380304	Chitsazan, A., Glasmacher, B. (2020). Numerical investigation of heat transfer and pressure force from multiple jets impinging on a moving flat surface. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 601-610. https://doi.org/10.18280/ijht.380304
29	Palaniappan, G., Murugan, M., Al-Mdallal, Q.M., Abdalla, B., Doh, D.H.	Numerical investigation of open cavities with parallel insulated baffles	heat transfer, ventilation cavity, finite difference method, parallel baffles, convection	38, 3, 611-621	https://doi.org/10.18280/ijht.380305	Palaniappan, G., Murugan, M., Al-Mdallal, Q.M., Abdalla, B., Doh, D.H. (2020). Numerical investigation of open cavities with parallel insulated baffles. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 611-621. https://doi.org/10.18280/ijht.380305
30	Dubrovsky, V.V., Shraiber, A.A.	Heat exchange between air and a liquid film flowing down along a profiled surface	profiled surface, spherical dimples, heat exchange, relative velocity, degree of cooling	38, 3, 622-628	https://doi.org/10.18280/ijht.380306	Dubrovsky, V.V., Shraiber, A.A. (2020). Heat exchange between air and a liquid film flowing down along a profiled surface. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 622-628. https://doi.org/10.18280/ijht.380306
31	Majhool, A.A.A.K., Jasim, N.M.	Prediction of the initial drop size and velocity distribution in the cold cryogenic spray	spray modeling, liquid cryogenic spray, probability density function, maximum entropy method, droplet velocity	38, 3, 629-640	https://doi.org/10.18280/ijht.380307	Majhool, A.A.A.K., Jasim, N.M. (2020). Prediction of the initial drop size and velocity distribution in the cold cryogenic spray. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 629-640. https://doi.org/10.18280/ijht.380307
32	Pannucharoenwong, N., Rattanadecho, P., Echaroj, S., Hemathulin, S., Nabudda, K.	The investigation of heat absorber on the efficiency of slanted double-slope solar distillation unit	distillation rate, solar-base technology, heat absorber, black gasket	38, 3, 641-649	https://doi.org/10.18280/ijht.380308	Pannucharoenwong, N., Rattanadecho, P., Echaroj, S., Hemathulin, S., Nabudda, K. (2020). The investigation of heat absorber on the efficiency of slanted double-slope solar distillation unit. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 641-649. https://doi.org/10.18280/ijht.380308
33	Guan, Y., Li, M.H., Cui, H.J.	Numerical simulation and field synergy analysis of IGBT air-cooled heat exchanger for EMUs	air-cooled heat exchanger (ACHE), CFD, turbulent kinetic energy, field synergy	38, 3, 650-658	https://doi.org/10.18280/ijht.380309	Guan, Y., Li, M.H., Cui, H.J. (2020). Numerical simulation and field synergy analysis of IGBT air-cooled heat exchanger for EMUs. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 650-658. https://doi.org/10.18280/ijht.380309
34	Krzemińska, S., Greszta, A., Miśkiewicz, P.	Characterization of heat protective aerogel-enhanced textile packages	aerogel, employee protection in the work environment, exposure to contact heat, exposure to convective heat, exposure to radiant heat, thermal conductivity, thermal resistance, insulating package, protective clothing	38, 3, 659-672	https://doi.org/10.18280/ijht.380310	Krzemińska, S., Greszta, A., Miśkiewicz, P. (2020). Characterization of heat protective aerogel-enhanced textile packages. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 659-672. https://doi.org/10.18280/ijht.380310
35	Tirmizi, S.T., Tirmizi, S.R.U.H., Tirmizi, S.A.	Mid-FTIR and atomic absorption spectroscopy based evaluation of oxidation tendencies of lubricating oils for effective oil and gas operations	atom absorption spectroscopy (ASS), corrosion, FTIR (Fourier Transform Infrared Ray), spectroscopy, thermal degradation	38, 3, 673-681	https://doi.org/10.18280/ijht.380311	Tirmizi, S.T., Tirmizi, S.R.U.H., Tirmizi, S.A. (2020). Mid-FTIR and atomic absorption spectroscopy based evaluation of oxidation tendencies of lubricating oils for effective oil and gas operations. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 673-681. https://doi.org/10.18280/ijht.380311
36	Rashed, A., Nasr, E.H., Kassem, M.M.	Boundary layer analysis adjacent to moving heated plate inside electrically conducting fluid with heat source/sink	electrically conducting fluids, group method, magnetic parameter, Prandtl number	38, 3, 682-688	https://doi.org/10.18280/ijht.380312	Rashed, A., Nasr, E.H., Kassem, M.M. (2020). Boundary layer analysis adjacent to moving heated plate inside electrically conducting fluid with heat source/sink. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 682-688. https://doi.org/10.18280/ijht.380312
37	Gharami, P.P., Arifuzzaman, S.M., Reza-E-Rabbi, S., Shakhaoath Khan, M., Ahmmed, S.F.	Analytical and numerical solution of viscous fluid flow with the effects of thermal radiation and chemical reaction past a vertical porous surface	permeability, perturbation, EFDM, nanoparticles, radiation absorption, chemical reaction, thermal radiation, stability and convergence test	38, 3, 689-700	https://doi.org/10.18280/ijht.380313	Gharami, P.P., Arifuzzaman, S.M., Reza-E-Rabbi, S., Shakhaoath Khan, M., Ahmmed, S.F. (2020). Analytical and numerical solution of viscous fluid flow with the effects of thermal radiation and chemical reaction past a vertical porous surface. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 689-700. https://doi.org/10.18280/ijht.380313
38	Chen, J.D., Wang, D.J., Zhang, Z.Q., Liu, J.	Reasonable pumping depth for drainage and gas recovery of shale gas wells	shale gas well, inflow curve, outflow curve, critical liquid-carrying flow, setting depth of the pump	38, 3, 701-707	https://doi.org/10.18280/ijht.380314	Chen, J.D., Wang, D.J., Zhang, Z.Q., Liu, J. (2020). Reasonable pumping depth for drainage and gas recovery of shale gas wells. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 701-707. https://doi.org/10.18280/ijht.380314
39	Bhat, P., Katte, S.S.	Entropy analysis of a simple rectangular radiating fin for space applications	radiating fin, entropy analysis, space radiator	38, 3, 708-714	https://doi.org/10.18280/ijht.380315	Bhat, P., Katte, S.S. (2020). Entropy analysis of a simple rectangular radiating fin for space applications. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 708-714. https://doi.org/10.18280/ijht.380315
40	Dhiaa, A.H., Salih, M.A., Al-Yousefi, H.A.	Effect of ZnO nanoparticles on the thermo-physical properties and heat transfer of nano-fluid flows	nanofluid, heat transfer, Nusselt number, ZnO nanoparticles, flow rate, thermal conductivity, viscosity	38, 3, 715-721	https://doi.org/10.18280/ijht.380316	Dhiaa, A.H., Salih, M.A., Al-Yousefi, H.A. (2020). Effect of ZnO nanoparticles on the thermo-physical properties and heat transfer of nano-fluid flows. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 715-721. https://doi.org/10.18280/ijht.380316
41	Horimek, A., Nekag, E.	Natural convection cooling of a heat source placed at the bottom of a square cavity	natural convection, square cavity, heat source, source length, source position, Prandtl number	38, 3, 722-737	https://doi.org/10.18280/ijht.380317	Horimek, A., Nekag, E. (2020). Natural convection cooling of a heat source placed at the bottom of a square cavity. Effect of source length, position, thermal condition and Prandtl number. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 722-737. https://doi.org/10.18280/ijht.380317
42	Ramanuja, M., Krishna, G.G., Sree, H.K., Radhika, V.N.	Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions	MHD, heat transfer, superhydrophobic slip, porous medium	38, 3, 738-744	https://doi.org/10.18280/ijht.380318	Ramanuja, M., Krishna, G.G., Sree, H.K., Radhika, V.N. (2020). Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 738-744. https://doi.org/10.18280/ijht.380318

43	Ozturk, S.	A numerical investigation on emissions of partially premixed shale gas combustion	adiabatic, combustion, emissions, partially premixed, turbulent, shale gas	38, 3, 745-751	https://doi.org/10.18280/ijht.380319	Ozturk, S. (2020). A numerical investigation on emissions of partially premixed shale gas combustion. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 745-751. https://doi.org/10.18280/ijht.380319
44	Lebbal, C., Bougoul, S., Zeroual, S.	Simulation of natural ventilation inside tunnel greenhouse	airflow, temperature, turbulence, ventilation, CFD, tunnel greenhouse	38, 3, 752-757	https://doi.org/10.18280/ijht.380320	Lebbal, C., Bougoul, S., Zeroual, S. (2020). Simulation of natural ventilation inside tunnel greenhouse. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 752-757. https://doi.org/10.18280/ijht.380320
45	Jin, X.H., Zhang, L.B., Li, X.Y., Zhu, C.X.	Structural features and smoke resistance of water mist curtain of upper spray nozzle	super-long tunnel, water mist system, upward sprinkler head, smoke exhaust system, smoke suppression performance, ceiling distance	38, 3, 758-766	https://doi.org/10.18280/ijht.380321	Jin, X.H., Zhang, L.B., Li, X.Y., Zhu, C.X. (2020). Structural features and smoke resistance of water mist curtain of upper spray nozzle. International Journal of Heat and Technology, Vol. 38, No. 3, pp. 758-766. https://doi.org/10.18280/ijht.380321
46	Enayati, H.	Effect of reactor size in a laterally-heated cylindrical reactor	fluid flows, LES simulations, crystal growth, natural convection, 3D cylindrical reactor, CFD, Buoyancy	38, 2, 275-284	https://doi.org/10.18280/ijht.380201	Enayati, H. (2020). Effect of reactor size in a laterally-heated cylindrical reactor. International Journal of Heat and Technology, Vol. 38, No. 2, pp. 275-284. https://doi.org/10.18280/ijht.380201
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102	Xu, F., Chen, X., Zhang, H.X., Shi, Y.J.	Field study on winter heating performance of the air source heat pump system in cold regions	cold region, ASHP, operating performance, field test, COP	38, 1, 213-222	https://doi.org/10.18280/ijht.380123	Xu, F., Chen, X., Zhang, H.X., Shi, Y.J. (2020). Field study on winter heating performance of the air source heat pump system in cold regions. International Journal of Heat and Technology, Vol. 38, No. 1, pp. 213-222. https://doi.org/10.18280/ijht.380123
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137	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	https://doi.org/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. International Journal of Heat and Technology, Vol. 37, No. 4, pp. 1187-1194. https://doi.org/10.18280/ijht.370429
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139	Aprea, 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	https://doi.org/10.18280/ijht.370302	Aprea, C., Greco, A., Maiorino, A., Masselli, C. (2019). A numerical investigation on a caloric heat pump employing nanofluids. International Journal of Heat and Technology, Vol. 37, No. 3, pp. 675-681. https://doi.org/10.18280/ijht.370302
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142	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	https://doi.org/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. International Journal of Heat and Technology, Vol. 37, No. 3, pp. 696-704. https://doi.org/10.18280/ijht.370305
143	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	https://doi.org/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. International Journal of Heat and Technology, Vol. 37, No. 3, pp. 705-709. https://doi.org/10.18280/ijht.370306
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150	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	https://doi.org/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. International Journal of Heat and Technology, Vol. 37, No. 3, pp. 766-778. https://doi.org/10.18280/ijht.370313
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