

No.	Authors	Title	Keywords	Vol., No., pages	DOI Link	Citation data
1	Boukhalkhal A.L., Lasbet Y., Makhlouf M., Loubar K.	Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances	Chaotic Advection, Mixing Degree, Nusselt Number, Poincaré Sections, Serpentine Channel.	35, 1, 1-10	10.18280/ijht.350101	Boukhalkhal A.L., Lasbet Y., Makhlouf M., Loubar K. (2017). Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 1-10. DOI: 10.18280/ijht.350101
2	Triveni M.K., Panua R.	Numerical analysis of natural convection in a triangular cavity with different configurations of hot wall	Hot Wall Configurations, Triangular Cavity, Natural Convection, Rayleigh Number.	35, 1, 11-18	10.18280/ijht.350102	Triveni M.K., Panua R. (2017). Numerical analysis of natural convection in a triangular cavity with different configurations of hot wall, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 11-18. DOI: 10.18280/ijht.350102
3	Zhao X., Qiu Z.S., Xu J.G., Zhao C., Gao J.	Flat-rheology oil-based drilling fluid for deepwater drilling	Flat-rheology, Oil-based Drilling Fluid, Deepwater Drilling, Low Temperature, Equivalent Circulating Density.	35, 1, 19-24	10.18280/ijht.350103	Zhao X., Qiu Z.S., Xu J.G., Zhao C., Gao J. (2017). Flat-rheology oil-based drilling fluid for deepwater drilling, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 19-24. DOI: 10.18280/ijht.350103
4	Rajput G.R., Patil V.S., Krishna P.J.S.V.R.	Hydromagnetic bioconvection flow in the region of stagnation-point flow and heat transfer in non-Newtonian nanofluid past a moving surface with suction: similarity analysis	Nanofluid, Stagnation Point, Thermophoresis, Brownian Motion, Stretching Sheet, Gyrotactic Microorganism.	35, 1, 25-31	10.18280/ijht.350104	Rajput G.R., Patil V.S., Krishna P.J.S.V.R. (2017). Hydromagnetic bioconvection flow in the region of stagnation-point flow and heat transfer in non-Newtonian nanofluid past a moving surface with suction: similarity analysis, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 25-31. DOI: 10.18280/ijht.350104
5	Wen Z.H., Liu Y., Liu X.T., Liang B.	Experimental research into the effects of abrasive characteristics on abrasive gas jet coal-breaking performance	Abrasive Gas Jet (AGJ), Jet Coal Breaking, Abrasive Characteristics, Target Distance, Abrasive Mesh Number.	35, 1, 32-36	10.18280/ijht.350105	Wen Z.H., Liu Y., Liu X.T., Liang B. (2017). Experimental research into the effects of abrasive characteristics on abrasive gas jet coal-breaking performance, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 32-36. DOI: 10.18280/ijht.350105
6	Singh J.K., Rohidas P., Joshi N., Begum S.G.	Influence of Hall and ion-slip currents on unsteady MHD free convective flow of a rotating fluid past an oscillating vertical plate	Hall Current, Ion-slip, Permeability, Rotation, Thermal Diffusion, Chemical Molecular Diffusion.	35, 1, 37-52	10.18280/ijht.350106	Singh J.K., Rohidas P., Joshi N., Begum S.G. (2017). Influence of Hall and ion-slip currents on unsteady MHD free convective flow of a rotating fluid past an oscillating vertical plate, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 37-52. DOI: 10.18280/ijht.350106
7	Wang Y., Huang D.K.	Effect of heat treatment temperature on the structure and tribological properties of nanometer lanthanum borate	Nanometer Lanthanum Borate, Heat Treatment, High Temperature Phase Change, Friction and Wear, Anti-friction and Anti-wear Mechanism.	35, 1, 53-58	10.18280/ijht.350107	Wang Y., Huang D.K. (2017). Effect of heat treatment temperature on the structure and tribological properties of nanometer lanthanum borate, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 53-58. DOI: 10.18280/ijht.350107
8	Zeiny E., Farhadi M., Sedighi K.	Numerical investigation of the simultaneous influence of swirling flow and obstacles on plate in impinging jet	Heat Transfer, Impinging Jet, Turbulent Flow, Swirling Flow.	35, 1, 59-66	10.18280/ijht.350108	Zeiny E., Farhadi M., Sedighi K. (2017). Numerical investigation of the simultaneous influence of swirling flow and obstacles on plate in impinging jet, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 59-66. DOI: 10.18280/ijht.350108
9	Wu J.S., Fu M., Tong X., Qin Y.P.	Heat stress evaluation at the working face in hot coal mines using an improved thermophysiological model	Coal Miner, Heat Strain, Underground Coal Mines, Thermal Physiology.	35, 1, 67-74	10.18280/ijht.350109	Wu J.S., Fu M., Tong X., Qin Y.P. (2017). Heat stress evaluation at the working face in hot coal mines using an improved thermophysiological model, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 67-74. DOI: 10.18280/ijht.350109
10	Sepahvandi F., Heravi H.M., Saleh S.R.	Numerical simulation of fish meat freezing with considering temperature-dependent thermal properties	Numerical Simulation, Fish Meat, Freezing, Heat Transfer.	35, 1, 75-81	10.18280/ijht.350110	Sepahvandi F., Heravi H.M., Saleh S.R. (2017). Numerical simulation of fish meat freezing with considering temperature-dependent thermal properties, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 75-81. DOI: 10.18280/ijht.350110
11	Rashad A.M.	Unsteady nanofluid flow over an inclined stretching surface with convective boundary condition and anisotropic slip impact	Anisotropic Slip, Unsteady Free Convection, Porous Medium, Nanofluids, Convective Boundary Condition.	35, 1, 82-90	10.18280/ijht.350111	Rashad A.M. (2017). Unsteady nanofluid flow over an inclined stretching surface with convective boundary condition and anisotropic slip impact, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 82-90. DOI: 10.18280/ijht.350111

12	Cui W.Z., Zhang X.T., Li Z.X., Li H., Liu Y.	Three-dimensional numerical simulation of flow around combined pier based on detached eddy simulation at high Reynolds numbers	High Reynolds Numbers, Combined Pier, Drag Coefficient, Lift Coefficient.	35, 1, 91-96	10.18280/ijht.350112	Cui W.Z., Zhang X.T., Li Z.X., Li H., Liu Y. (2017). Three-dimensional numerical simulation of flow around combined pier based on detached eddy simulation at high Reynolds numbers, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 91-96. DOI: 10.18280/ijht.350112
13	Mahadeven G., Sendilvelan S.	Temperature analysis of dynamic catalytic convertor system with pre-catalyst in a multi cylinder spark ignition engine to reduce light-off time	Dynamic Catalytic Converter, Cold Start Emission, Spark Ignition Engine, Light off Temperature.	35, 1, 97-102	10.18280/ijht.350113	Mahadeven G., Sendilvelan S. (2017). Temperature analysis of dynamic catalytic convertor system with pre-catalyst in a multi cylinder spark ignition engine to reduce light-off time, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 97-102. DOI: 10.18280/ijht.350113
14	Lei Y., Liao R.Q., Li M.X., Li Y., Luo W.	Modified Mukherjee-Brill prediction model of pressure gradient for multiphase flow in wells	Multiphase Flow, Pressure Gradient, Prediction, Mukherjee-Brill Model, Regression Analysis.	35, 1, 103-108	10.18280/ijht.350114	Lei Y., Liao R.Q., Li M.X., Li Y., Luo W. (2017). Modified Mukherjee-Brill prediction model of pressure gradient for multiphase flow in wells, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 103-108. DOI: 10.18280/ijht.350114
15	Al-Rashed A.A.A.A., Kolsi L., Oztop H.F., Abu-Hamdeh N., Borjini M.N.	Natural convection and entropy production in a cubic cavity heated via pin-fins heat sinks	Entropy Production, 3D Natural Convection, Heat Sinks, Flow Structure.	35, 1, 109-115	10.18280/ijht.350115	Al-Rashed A.A.A.A., Kolsi L., Oztop H.F., Abu-Hamdeh N., Borjini M.N. (2017). Natural convection and entropy production in a cubic cavity heated via pin-fins heat sinks, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 109-115. DOI: 10.18280/ijht.350115
16	Sakhrieh A.H., Al-Hares A.N., Faqes F.A., Al Baqain A.S., Alrafie N.H.	Optimization of oxyhydrogen gas flow rate as a supplementary fuel in compression ignition combustion engines	HHO, Optimization, CI Engine, Engine Performance.	35, 1, 116-122	10.18280/ijht.350116	Sakhrieh A.H., Al-Hares A.N., Faqes F.A., Al Baqain A.S., Alrafie N.H. (2017). Optimization of oxyhydrogen gas flow rate as a supplementary fuel in compression ignition combustion engines, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 116-122. DOI: 10.18280/ijht.350116
17	Li X., Tang C., Wang Q., Li X.P., Hao J.	Molecular simulation research on the micro effect mechanism of interfacial properties of nano SiO ₂ /meta-aramid fiber	Micro and Nanoscale, Interaction, Hydrogen Bonds, Thermal Stability.	35, 1, 123-129	10.18280/ijht.350117	Li X., Tang C., Wang Q., Li X.P., Hao J. (2017). Molecular simulation research on the micro effect mechanism of interfacial properties of nano SiO ₂ /meta-aramid fiber, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 123-129. DOI: 10.18280/ijht.350117
18	Cascetta F., Cirillo L., Corte A.D., Nardini S.	Comparison between different solar cooling thermally driven system solutions for an office building in Mediterranean Area	Economic Analysis, Simulation, Solar Collector, Solar Heating and Cooling, Sorption Cooling.	35, 1, 130-138	10.18280/ijht.350118	Cascetta F., Cirillo L., Corte A.D., Nardini S. (2017). Comparison between different solar cooling thermally driven system solutions for an office building in Mediterranean Area, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 130-138. DOI: 10.18280/ijht.350118
19	Zhang Y.T., Zhang W.M., Guo J., Guo J.Y., Guo R.	Analysis on the effects of the shapes of flexible fluid-filled containers on their impact response	Flexible Fluid-filled Container, Shape, Impact Response, Ale Method, Liquid-solid Coupling.	35, 1, 139-146	10.18280/ijht.350119	Zhang Y.T., Zhang W.M., Guo J., Guo J.Y., Guo R. (2017). Analysis on the effects of the shapes of flexible fluid-filled containers on their impact response, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 139-146. DOI: 10.18280/ijht.350119
20	Tian S.W., Wang C.M., Zhang Z.M.	A hybrid method of debris flow velocity estimation based on empirical equation	Debris Flow, Empirical Equations, Velocity Calculation, LSSVM, PSO.	35, 1, 147-152	10.18280/ijht.350120	Tian S.W., Wang C.M., Zhang Z.M. (2017). A hybrid method of debris flow velocity estimation based on empirical equation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 147-152. DOI: 10.18280/ijht.350120
21	Shukla A.K., Anupam D.	Flow and thermal characteristics of jet impingement: comprehensive review	Jet Impingement, Ribs, Turbulence, Nusselt Number, LES.	35, 1, 153-166	10.18280/ijht.350121	Shukla A.K., Anupam D. (2017). Flow and thermal characteristics of jet impingement: comprehensive review, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 153-166. DOI: 10.18280/ijht.350121
22	Jiang X., Zhang L.	Research on the effect of rotation and curvature on turbulence model and their application	Rotation and Curvature Effect, Near-wall Area, Turbulence Model, Centrifugal Pump.	35, 1, 167-176	10.18280/ijht.350122	Jiang X., Zhang L. (2017). Research on the effect of rotation and curvature on turbulence model and their application, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 167-176. DOI: 10.18280/ijht.350122
23	Huang J., Yuan J.T., Wang Z.H.	Influence of thermal-mechanical coupling effect on vibration of double-drive feed system	Thermal Field, Thermal-mechanical Coupling, Double-drive Feed System, Vibration.	35, 1, 177-182	10.18280/ijht.350123	Huang J., Yuan J.T., Wang Z.H. (2017). Influence of thermal-mechanical coupling effect on vibration of double-drive feed system, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 177-182. DOI: 10.18280/ijht.350123

24	Benhorma S., Aouissi M., Mansour C., Bounif A.	Contribution to study the effect of exhaust gas recirculation EGR on HCCI combustion mode	Combustion, Pollution, Kinetics Mechanism, EGR, HCCI, Nitrogen Oxides.	35, 1, 183-190	10.18280/ijht.350124	Benhorma S., Aouissi M., Mansour C., Bounif A. (2017). Contribution to study the effect of exhaust gas recirculation EGR on HCCI combustion mode, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 183-190. DOI: 10.18280/ijht.350124
25	Li G.N., Sun S.K., Liu H.T., Zheng T.G., Zhang C.	Water profiles in vertical slot fishways without central baffle	Water Depth, Vertical Slot Fishways, Experimental Models, Central Baffle.	35, 1, 191-195	10.18280/ijht.350125	Li G.N., Sun S.K., Liu H.T., Zheng T.G., Zhang C. (2017). Water profiles in vertical slot fishways without central baffle, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 191-195. DOI: 10.18280/ijht.350125
26	Mabood F., Ibrahim S.M., Lorenzini G., Lorenzini E.	Radiation effects on Williamson nanofluid flow over a heated surface with magnetohydrodynamics	Nanofluid, MHD, Radiation, Heat Source, Non-linearly Moving Surface.	35, 1, 196-204	10.18280/ijht.350126	Mabood F., Ibrahim S.M., Lorenzini G., Lorenzini E. (2017). Radiation effects on Williamson nanofluid flow over a heated surface with magnetohydrodynamics, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 196-204. DOI: 10.18280/ijht.350126
27	Asif M., Aftab H., Syed H.A., Ali M.A., Muizz P.M.	Simulation of corrugated plate heat exchanger for heat and flow analysis	Corrugated Plate Heat Exchanger, CFD Analysis, Heat and Flow Analysis, Nusselt Number Correlation, Modified Wilson Plot.	35, 1, 205-210	10.18280/ijht.350127	Asif M., Aftab H., Syed H.A., Ali M.A., Muizz P.M. (2017). Simulation of corrugated plate heat exchanger for heat and flow analysis, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 205-210. DOI: 10.18280/ijht.350127
28	Caruso G., Nobili M.	Preliminary evaluation of the expansion system size for a pressurized gas loop: application to a fusion reactor based on a helium-cooled blanket	Pressure Suppression System, Fusion Reactor, Helium, Safety Analysis, Expansion Volume.	35, 1, 211-218	10.18280/ijht.350128	Caruso G., Nobili M. (2017). Preliminary evaluation of the expansion system size for a pressurized gas loop: application to a fusion reactor based on a helium-cooled blanket, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 211-218. DOI: 10.18280/ijht.350128
29	Sun C., Li Q.Y., Lu W., Liu X.T., Liu B., Pei X.X.	A general calculation model on the effect of main steam pressure variation on the coal consumption rate of steam turbines	Main Steam Pressure, Heat Economy, Coal Consumption Rate, Heat Coefficient.	35, 1, 219-224	10.18280/ijht.350129	Sun C., Li Q.Y., Lu W., Liu X.T., Liu B., Pei X.X. (2017). A general calculation model on the effect of main steam pressure variation on the coal consumption rate of steam turbines, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 219-224. DOI: 10.18280/ijht.350129
30	Apra C., Greco A., Maiorino A., Masselli C.	A comparison between electrocaloric and magnetocaloric materials for solid state refrigeration	Electrocaloric Refrigeration, AER, Magnetic Refrigeration, AMR, FOT Materials, SOT Materials.	35, 1, 225-234	10.18280/ijht.350130	Apra C., Greco A., Maiorino A., Masselli C. (2017). A comparison between electrocaloric and magnetocaloric materials for solid state refrigeration, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 225-234. DOI: 10.18280/ijht.350130
1	Cannistraro M., Lorenzini E.	The applications of the new technologies “e-sensing” in hospitals	E-Sensing, Electronic Nose, Support Vector Machine, Safety Monitoring.	34, 4, 551-557	10.18280/ijht.340401	Cannistraro M., Lorenzini E. (2016). The applications of the new technologies “e-sensing” in hospitals, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 551-557. DOI: 10.18280/ijht.340401
2	Hazmi A.S.A., Maurad Z.A., Pauzi N.N.P.N., Bakar Z.A., Idris Z.	Rapid evaluation of plate heat exchanger performance and fouling analysis in epoxidation of oleochemical at pilot plant scale	Epoxidation, Fouling, Heat Transfer, Infrared, Performance.	34, 4, 558-564	10.18280/ijht.340402	Hazmi A.S.A., Maurad Z.A., Pauzi N.N.P.N., Bakar Z.A., Idris Z. (2016). Rapid evaluation of plate heat exchanger performance and fouling analysis in epoxidation of oleochemical at pilot plant scale, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 558-564. DOI: 10.18280/ijht.340402
3	Mliki B., Abbassi M.A., Omri A.	Lattice Boltzmann simulation of magnetohydrodynamics natural convection in an L-shaped enclosure	Brownian Motion, Heat Transfer, L-Shaped Cavity, Lattice Boltzmann Method, Nanofluid.	34, 4, 565-573	10.18280/ijht.340403	Mliki B., Abbassi M.A., Omri A. (2016). Lattice Boltzmann simulation of magnetohydrodynamics natural convection in an L-shaped enclosure, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 565-573. DOI: 10.18280/ijht.340403
4	Deng J.W., Qu H.W., Lin J.Q., Yu G.X., Deng Q.	Analysis of the movement characteristics of corona winds during needle-plate discharge	Corona Wind, Partial Differential Equation, Electro Hydrodynamics, Air Ionization, High Voltage Discharge.	34, 4, 574-580	10.18280/ijht.340404	Deng J.W., Qu H.W., Lin J.Q., Yu G.X., Deng Q. (2016). Analysis of the movement characteristics of corona winds during needle-plate discharge, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 574-580. DOI: 10.18280/ijht.340404

5	Aidaoui L., Lasbet Y.H., Loubar K.	Numerical analysis of the parameters governing 3D laminar mixed convection flow in a rectangular channel with imposed wall flux density	Mixed Convection, Rectangular Channel, Nusselt Number, Buoyancy Parameter, Laminar Flow.	34, 4, 581-589	10.18280/ijht.340405	Aidaoui L., Lasbet Y.H., Loubar K. (2016). Numerical analysis of the parameters governing 3D laminar mixed convection flow in a rectangular channel with imposed wall flux density, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 581-589. DOI: 10.18280/ijht.340405
6	Cui X.W., Wen Ni W., Ren C.	Early hydration kinetics of cementitious materials containing different steel slag powder contents	Steel Slag Powder, Hydration Kinetics, Hydration Mechanism.	34, 4, 590-596	10.18280/ijht.340406	Cui X.W., Wen Ni W., Ren C. (2016). Early hydration kinetics of cementitious materials containing different steel slag powder contents, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 590-596. DOI: 10.18280/ijht.340406
7	Sathyamurthy R., Nagarajan P.K., Edwin M., Madhu B., El-Agouz S.A., Ahsan A., Mageshbabu D.	Experimental investigations on conventional solar still with sand heat energy storage	Solar Still, Desalination, Energy Storage, Sand, Cuboidal Box.	34, 4, 597-603	10.18280/ijht.340407	Sathyamurthy R., Nagarajan P.K., Edwin M., Madhu B., El-Agouz S.A., Ahsan A., Mageshbabu D. (2016). Experimental investigations on conventional solar still with sand heat energy storage, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 597-603. DOI: 10.18280/ijht.340407
8	Zhuang C.L., Fu B.H., Huang G.Q., Zhang H.Y.	Optimization of the structure of a solar air heater fitted with V-shaped perforated baffles	V-Shaped Perforated Baffles, Solar Air Heater, Flow Resistance Coefficient, Thermal Efficiency, Effective Efficiency.	34, 4, 604-610	10.18280/ijht.340408	Zhuang C.L., Fu B.H., Huang G.Q., Zhang H.Y. (2016). Optimization of the structure of a solar air heater fitted with V-shaped perforated baffles, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 604-610. DOI: 10.18280/ijht.340408
9	Fichera A., Frasca M., Volpe R.	On energy distribution in cities: a model based on complex networks	Urban Areas, Decentralized Energy Systems, Complex Networks, Energy, Urban Planning.	34, 4, 611-615	10.18280/ijht.340409	Fichera A., Frasca M., Volpe R. (2016). On energy distribution in cities: a model based on complex networks, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 611-615. DOI: 10.18280/ijht.340409
10	Wang C., Qin H.D., Liu G., Guo T.	Study on sloshing of liquid tank in large LNG-FSRU based on CLSVOF method	Level-Set Method, Volume-Of-Fluid Method, CLSVOF Method, Large LNG-FSRU, Excitation Centre.	34, 4, 616-622	10.18280/ijht.340410	Wang C., Qin H.D., Liu G., Guo T. (2016). Study on sloshing of liquid tank in large LNG-FSRU based on CLSVOF method, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 616-622. DOI: 10.18280/ijht.340410
11	Carotenuto C., Guarino G., Minale M., Morrone B.	Biogas production from anaerobic digestion of manure at different operative conditions	Manure, Fermentation, Biogas Composition, Lactating and Non-Lactating Buffalo, CH ₄ /CO ₂ Ratio.	34, 4, 623-629	10.18280/ijht.340411	Carotenuto C., Guarino G., Minale M., Morrone B. (2016). Biogas production from anaerobic digestion of manure at different operative conditions, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 623-629. DOI: 10.18280/ijht.340411
12	Wang H.Y.	Research on the influence of solid volume fractions on turbine performance	Francis Turbine, Pressure Distribution, Solid Volume Fraction, Turbulent Flow, Velocity Distribution.	34, 4, 630-636	10.18280/ijht.340412	Wang H.Y. (2016). Research on the influence of solid volume fractions on turbine performance, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 630-636. DOI: 10.18280/ijht.340412
13	Roselli C., Sasso M., Tariello F.	Dynamic simulation of a solar electric driven heat pump integrated with electric storage for an office building located in southern Italy	Solar Electric Heat Pump, Electric Storage, Dynamic Simulation.	34, 4, 637-646	10.18280/ijht.340413	Roselli C., Sasso M., Tariello F. (2016). Dynamic simulation of a solar electric driven heat pump integrated with electric storage for an office building located in southern Italy, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 637-646. DOI: 10.18280/ijht.340413
14	Huang Y., Chen L.J., Li M.J., Zhang B., Zhang L.N.	Comparative study on the performance of flat tube type and wasp-waisted tube type radiators	Car Radiator, Flat Tube Type, Heat Dissipation Performance, Wasp-Waisted Type.	34, 4, 647-652	10.18280/ijht.340414	Huang Y., Chen L.J., Li M.J., Zhang B., Zhang L.N. (2016). Comparative study on the performance of flat tube type and wasp-waisted tube type radiators, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 647-652. DOI: 10.18280/ijht.340414
15	Caruso G., Cristofano L., Nobili M., Romano G.P.	Experimental investigation on free surface vortices driven by tangential inlets	Bathtub Vortex, PIV, Free Surface Flow.	34, 4, 653-662	10.18280/ijht.340415	Caruso G., Cristofano L., Nobili M., Romano G.P. (2016). Experimental investigation on free surface vortices driven by tangential inlets, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 653-662. DOI: 10.18280/ijht.340415

16	Song H.J., Zhang W., Li Y.Q., Yang Z.Y., Ming A.B.	Simulation of the vapor-liquid two-phase flow of evaporation and condensation	Two-Phase Flow, VOF, Evaporation, Condensation, Computational Fluid Dynamic (CFD).	34, 4, 663-670	10.18280/ijht.340416	Song H.J., Zhang W., Li Y.Q., Yang Z.Y., Ming A.B. (2016). Simulation of the vapor-liquid two-phase flow of evaporation and condensation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 663-670. DOI: 10.18280/ijht.340416
17	Benarab F., Medjelled A., Benchatti T.	Physical approach for sand flux quantification and flow dynamic properties investigation for fine sand grains transport	Aeolian Transport, Saltation, Transport Layer, Sand Flux, Turbulence Kinetic Energy.	34, 4, 671-676	10.18280/ijht.340417	Benarab F., Medjelled A., Benchatti T. (2016). Physical approach for sand flux quantification and flow dynamic properties investigation for fine sand grains transport, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 671-676. DOI: 10.18280/ijht.340417
18	Geng B.Y., Ni W., Wu H., Huang X.Y., Cui X.W., Wang S., Zhang S.Q.	On high-strength low-shrinkage ITOs-based concrete	Low Shrinkage, Iron Ore Tailings, Steel Slag, Ettringite, High Bending Strength.	34, 4, 677-686	10.18280/ijht.340418	Geng B.Y., Ni W., Wu H., Huang X.Y., Cui X.W., Shuang Wang S., Zhang S.Q. (2016). On high-strength low-shrinkage ITOs-based concrete, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 677-686. DOI: 10.18280/ijht.340418
19	Dey D., Khound S.A.	Hall current effects on binary mixture flow of Oldroyd-B fluid through a porous channel	Relaxation and Retardation, Oldroyd-B Fluid Model, Free Convection, Separation of Variable, Shearing Stress.	34, 4, 687-693	10.18280/ijht.340419	Dey D., Khound S.A. (2016). Hall current effects on binary mixture flow of Oldroyd-B fluid through a porous channel, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 687-693. DOI: 10.18280/ijht.340419
20	Huang X.P., Chen Z.Q., Shi J.	Simulation of solid-liquid phase transition process in aluminum foams using the Lattice Boltzmann method	Aluminum Foams, Lattice Boltzmann Method, Phase Transition, Pore Level.	34, 4, 694-700	10.18280/ijht.340420	Huang X.P., Chen Z.Q., Shi J. (2016). Simulation of solid-liquid phase transition process in aluminum foams using the Lattice Boltzmann method, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 694-700. DOI: 10.18280/ijht.340420
21	Dada M.A., Benchatti A.	Assessment of heat recovery and recovery efficiency of a seasonal thermal energy storage system in a moist porous medium	Heat Storage, Long-Term, Underground, Heat Recovery, Recovery Efficiency.	34, 4, 701-708	10.18280/ijht.340421	Dada M.A., Benchatti A. (2016). Assessment of heat recovery and recovery efficiency of a seasonal thermal energy storage system in a moist porous medium, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 701-708. DOI: 10.18280/ijht.340421
22	Sun D.Y., Wang W.H., Wang Q., Chen J.Q., Niu C.C., Cao C.	Characteristics and prediction of frost heave of saline soil in western Jilin province	Frost Heave, RBF Neural Network, Saline Soil, Prediction, Temperature.	34, 4, 709-714	10.18280/ijht.340422	Sun D.Y., Wang W.H., Wang Q., Chen J.Q., Niu C.C., Cao C. (2016). Characteristics and prediction of frost heave of saline soil in western Jilin province, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 709-714. DOI: 10.18280/ijht.340422
23	Wang X.Z., Wang C.Q.	Analysis of temperature stress in control of bridge construction	Bridge Structure, Temperature Effect, Construction Control, Temperature Field, Temperature Stress, Finite Element Analysis (FEA).	34, 4, 715-721	10.18280/ijht.340423	Wang X.Z., Wang C.Q. (2016). Analysis of temperature stress in control of bridge construction, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 715-721. DOI: 10.18280/ijht.340423
24	Liu N., Zheng Z.C., Li G.X.	Effect of non-newtonian effect of lubricant on the lubrication performance of piston ring-cylinder liner components for diesel engine	Diesel Engine, Lubrication, Piston Ring-Cylinder Liner Components, Non-Newtonian Effect.	34, 4, 722-726	10.18280/ijht.340424	Liu N., Zheng Z.C., Li G.X. (2015). Effect of non-newtonian effect of lubricant on the lubrication performance of piston ring-cylinder liner components for diesel engine, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 722-726. DOI: 10.18280/ijht.340424
25	Bhattacharyya S., Chattopadhyay H., Swami A., Uddin M.K.	Convective heat transfer enhancement and entropy generation of laminar flow of water through a wavy channel	Heat Transfer, Enhancement, Laminar Flow, Wavy Channel, Boundary Layer.	34, 4, 727-733	10.18280/ijht.340425	Bhattacharyya S., Chattopadhyay H., Swami A., Uddin M.K. (2016). Convective heat transfer enhancement and entropy generation of laminar flow of water through a wavy channel, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 727-733. DOI: 10.18280/ijht.340425
26	Cardinale T., De Fazio P., Grandizio F.	Numerical and experimental computation of airflow in a transport container	CFD, Model, Convective Flows, Air Distribution, Hybrid Refrigeration.	34, 4, 734-742	10.18280/ijht.340426	Cardinale T., De Fazio P., Grandizio F. (2016). Numerical and experimental computation of airflow in a transport container, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 734-742. DOI: 10.18280/ijht.340426

27	Yang J.J., Dong D.W., Yang Y.H., Meng Z.W., Hu J.M.	Experimental study of gas flow and combustion in biogas generators	Biogas Generator, Composition, Combustion, Cylinder Pressure, Temperature, Motion.	34, 4, 743-748	10.18280/ijht.340427	Yang J.J., Dong D.W., Yang Y.H., Meng Z.W., Hu J.M. (2016). Experimental study of gas flow and combustion in biogas generators, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 4, pp. 743-748. DOI: 10.18280/ijht.340427
28	Mejri I., Mahmoudi A., Abbassi M.A., Omri A.	LBM simulation of heat transfer in solid oxide fuel cell	Conduction, Lattice Boltzmann Method, Radiation, SOFC.	34, 3, 351-356	10.18280/ijht.340301	Mejri I., Mahmoudi A., Abbassi M.A., Ahmed Omri (2016). LBM simulation of heat transfer in solid oxide fuel cell, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 351-356. DOI: 10.18280/ijht.340301
29	Thirumurugan K., Vasanthakumari R.	Double – diffusive convection of non – Newtonian Walters’ (MODEL B) viscoelastic fluid through brinkman porous medium with suspended particles	Walters’ B’ Fluid, Double-Diffusive Convection, Compressibility, Brinkman Porous Medium, Viscoelasticity.	34, 3, 357-363	10.18280/ijht.340302	Thirumurugan K., Vasanthakumari R. (2016). Double – diffusive convection of non – Newtonian Walters’ (MODEL B) viscoelastic fluid through brinkman porous medium with suspended particles, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 357-363. DOI: 10.18280/ijht.340302
30	Cheng H.Y., Wei F.D., Yang T., Zhao Y.F.	Relation degree analysis of controllable factors in the bitumen foaming process	Bitumen Foaming, Controllable Factor, Foamed Bitumen, Average Density, Grey Relation Analysis.	34, 3, 364-370	10.18280/ijht.340303	Cheng H.Y., Wei F.D., Yang T., Zhao Y.F. (2016). Relation degree analysis of controllable factors in the bitumen foaming process, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 364-370. DOI: 10.18280/ijht.340303
31	Pragya., Vasanthakumari R.	Boundary layer flow of silver and titaniumoxide nanofluids over vertical stretching sheet	Nano Fluids, Nanoparticles, Boundary Layer Equation, Stretching Sheet.	34, 3, 371-376	10.18280/ijht.340304	Pragya, Vasanthakumari R. (2016). Boundary layer flow of silver and titaniumoxide nanofluids over vertical stretching sheet, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 371-376. DOI: 10.18280/ijht.340304
32	Chatti S., Ghabi C., Mhimid A.	Fluid flow and heat transfer in porous media and post heated obstacle: Lattice Boltzmann simulation	Lattice Boltzmann Equation (GLBE and SLBE), Porous Media, Thermal Incompressible Flow, Convection, Hot Obstacle.	34, 3, 377-385	10.18280/ijht.340305	Chatti S., Ghabi C., Mhimid A. (2016). Fluid flow and heat transfer in porous media and post heated obstacle: Lattice Boltzmann simulation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 377-385. DOI: 10.18280/ijht.340305
33	Kesavan E., Gowthaman N., Tharani S., Manoharan S., Arunkumar E.	Design and implementation of internal model control and particle swarm optimization based PID for heat exchanger system	Heat Exchanger System, PSO Based PID Controller, Cold Water Temperature.	34, 3, 386-390	10.18280/ijht.340306	Kesavan E., Gowthaman N., Tharani S., Manoharan S., Arunkumar E. (2016). Design and implementation of internal model control and particle swarm optimization based PID for heat exchanger system, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 386-390. DOI: 10.18280/ijht.340306
34	Alam M.S., Rahman M.M., Parvin S., Vajravelu K.	Finite element simulation for heatline visualization of natural convective flow and heat transfer inside a prismatic enclosure	Heatline, Natural Convection, Heat Transfer, Prismatic Enclosure, Finite Element Method.	34, 3, 391-400	10.18280/ijht.340307	Alam M.S., Rahman M.M., Parvin S., Vajravelu K. (2016). Finite element simulation for heatline visualization of natural convective flow and heat transfer inside a prismatic enclosure, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 391-400. DOI: 10.18280/ijht.340307
35	Bhattacharyya S., Chattopadhyay H., Bandyopadhyay S.	Numerical study on heat transfer enhancement through a circular duct fitted with centre-trimmed twisted tape	Swirl Flow, Centre-Trimmed, Twisted Tape, Friction Factor, Thermal Enhancement Efficiency.	34, 3, 401-406	10.18280/ijht.340308	Bhattacharyya S., Chattopadhyay H., Bandyopadhyay S. (2016). Numerical study on heat transfer enhancement through a circular duct fitted with centre-trimmed twisted tape, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 401-406. DOI: 10.18280/ijht.340308
36	Zhou B., Chen Z.Q.	Experimental study on the hygrothermal performance of zeolite-based humidity control building materials	Zeolite-Based Humidity Control Building Material, Adsorption, Desorption, Pore Structure.	34, 3, 407-414	10.18280/ijht.340309	Zhou B., Chen Z.Q. (2016). Experimental study on the hygrothermal performance of zeolite-based humidity control building materials, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 407-414. DOI: 10.18280/ijht.340309
37	Dey D.	Dusty hydromagnetic Oldroyd fluid flow in a horizontal channel with volume fraction and energy dissipation	Oldroyd Fluid, Saffman Model, Nusselt Number, Volume Fraction, Relaxation and Retardation.	34, 3, 415-422	10.18280/ijht.340310	Dey D. (2016). Dusty hydromagnetic Oldroyd fluid flow in a horizontal channel with volume fraction and energy dissipation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 415-422. DOI: 10.18280/ijht.340310

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39	Shi L., Fu Z.G., Shen Y.Z., Wang R.X., Zhang H.	Large Eddy simulation of the PVC behavior in both non-reacting and reacting flows with different Reynold numbers	Large Eddy Simulation, Reynold Number, Recirculation Zone, Precessing Vortex Core.	34, 3, 429-438	10.18280/ijht.340312	Shi L., Fu Z.G., Shen Y.Z., Wang R.X., Zhang H. (2016). Large Eddy simulation of the PVC behavior in both non-reacting and reacting flows with different Reynold numbers, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 429-438. DOI: 10.18280/ijht.340312
40	Lasbet Y., Aidaoui L., Loubar K.	Effects of the geometry scale on the behaviour of the local physical process of the velocity field in the laminar flow	Deformation, Rotation, Stretching/Compression, Complex Geometry, Chaotic Advection, Pressure Losses.	34, 3, 439-445	10.18280/ijht.340313	Lasbet Y., Aidaoui L., Loubar K. (2016). Effects of the geometry scale on the behaviour of the local physical process of the velocity field in the laminar flow, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 439-445. DOI: 10.18280/ijht.340313
41	Bouabdallah S., Chati D., Ghernaout B., Atia A., Laouirate A.	Turbulent mixed convection in enclosure containing a circular/square heat source	Mixed Convection, Ventilated Enclosure, Heat Source, k- ϵ Standard Turbulence Model.	34, 3, 446-454	10.18280/ijht.340314	Bouabdallah S., Chati D., Ghernaout B., Atia A., Laouirate A. (2016). Turbulent mixed convection in enclosure containing a circular/square heat source, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 446-454. DOI: 10.18280/ijht.340314
42	Luo W., Li Y., Wang Q.H., Li J.L., Liao R.Q., Liu Z.L.	Experimental study of gas-liquid two-phase flow for high velocity in inclined medium size tube and verification of pressure calculation methods	Inclined Multiphase Pipe Flow, Calculation Method Applicability, Liquid Holdup, Pressure Drop, Pressure Calculation Methods.	34, 3, 455-464	10.18280/ijht.340315	Luo W., Li Y., Wang Q.H., Li J.L., Liao R.Q., Liu Z.L. (2016). Experimental study of gas-liquid two-phase flow for high velocity in inclined medium size tube and verification of pressure calculation methods, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 455-464. DOI: 10.18280/ijht.340315
43	Malara A., Marino C., Nucara A., Pietrafesa M., Scopelliti F., Strevia G.	Energetic and economic analysis of shading effects on PV panels energy production	Photovoltaic Systems, PV Panels Tilt, PV Panels Shading, Energy Production Optimization.	34, 3, 465-472	10.18280/ijht.340316	Malara A., Marino C., Nucara A., Pietrafesa M., Scopelliti F., Strevia G. (2016). Energetic and economic analysis of shading effects on PV panels energy production, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 465-472. DOI: 10.18280/ijht.340316
44	Zhang H.T., Wei J.P., Wang Y.G., Wen Z.H., Yao B.H.	Application of sampling method based on negative pressure pneumatic conveying in soft coal seam	Drill Pipe Inner Diameter, Drilling Velocity, Negative Pressure Pneumatic Conveying, Particle Breakage Ratio.	34, 3, 473-478	10.18280/ijht.340317	Zhang H.T., Wei J.P., Wang Y.G., Wen Z.H., Yao B.H. (2016). Application of sampling method based on negative pressure pneumatic conveying in soft coal seam, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 473-478. DOI: 10.18280/ijht.340317
45	Wang D., Zhang Y.D., Adu E., Yang J.P., Shen Q.W., Tian L., Wu L.J.	Influence of dense phase CO ₂ pipeline transportation parameters	Dense Phase, CO ₂ , Pipeline, HYSYS.	34, 3, 479-484	10.18280/ijht.340318	Wang D., Zhang Y.D., Adu E., Yang J.P., Shen Q.W., Tian L., Wu L.J. (2016). Influence of dense phase CO ₂ pipeline transportation parameters, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 479-484. DOI: 10.18280/ijht.340318
46	Rovense F., Amelio M., Ferraro V., Scornaienchi N.M.	Analysis of a concentrating solar power tower operating with a closed Joule Brayton cycle and thermal storage	Thermal Energy Storage, Concentrating Solar Power, Closed Joule-Brayton Cycle, Molten Salt, Gas Turbine, Solar Multiple.	34, 3, 485-490	10.18280/ijht.340319	Rovense F., Amelio M., Ferraro V., Scornaienchi N.M. (2016). Analysis of a concentrating solar power tower operating with a closed Joule Brayton cycle and thermal storage, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 485-490. DOI: 10.18280/ijht.340319
47	Puglisi G., Zanghirella F., Ungaro P., Cammarata G.	A methodology for the generation of energy consumption profiles in the residential sector	Energy Consumption, Residential Sector, Dwelling Types, Energy Efficiency, Energy Demand.	34, 3, 491-497	10.18280/ijht.340320	Puglisi G., Zanghirella F., Ungaro P., Cammarata G. (2016). A methodology for the generation of energy consumption profiles in the residential sector, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 491-497. DOI: 10.18280/ijht.340320
48	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G.	Reducing the demand of energy cooling in the CED, "centers of processing data", with use of free-cooling systems	Data Processing Centres, CED, Energy Emission Analysis, Air-Conditioning Systems, Free-Cooling.	34, 3, 498-502	10.18280/ijht.340321	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G. (2016). Reducing the demand of energy cooling in the CED, "centers of processing data", with use of free-cooling systems, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 498-502. DOI: 10.18280/ijht.340321

49	Mirabedin S.M.	CFD modeling of natural convection in right-angled triangular enclosures	Natural Convection, Numerical Simulation, Nusselt Number, Rayleigh Number, Right-Angled Enclosure.	34, 3, 503-506	10.18280/ijht.340322	Mirabedin S.M. (2016). CFD modeling of natural convection in right-angled triangular enclosures, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 503-506. DOI: 10.18280/ijht.340322
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52	Ferdows M., Khaleque T.S., Bangalee M.Z.I.	Similarity solution on MHD boundary layer over stretching surface considering heat flux	MHD, Stretching Surface, Similarity Solution, Heat Flux.	34, 3, 521-526	10.18280/ijht.340325	Ferdows M., Khaleque T.S., Bangalee M.Z.I. (2016). Similarity solution on MHD boundary layer over stretching surface considering heat flux, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 521-526. DOI: 10.18280/ijht.340325
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54	Guo Q.J., Qi X.N., Wei Z., Yang B.B., Sun P.	Experimental study on hydrodynamic performance and heat transfer mechanism of vapor-liquid-solid three-phase fluidized bed	Heat Transfer Mechanism, Vapor-Liquid-Solid Three-Phase Fluidized Bed, Particle Fluidized Bed.	34, 3, 537-544	10.18280/ijht.340327	Guo Q.J., Qi X.N., Wei Z., Yang B.B., Sun P. (2016). Experimental study on hydrodynamic performance and heat transfer mechanism of vapor-liquid-solid three-phase fluidized bed, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 537-544. DOI: 10.18280/ijht.340327
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63	Nasser I., Duwairi H.M.	Thermal dispersion effects on convection heat transfer in porous media with viscous dissipation	Thermal Dispersion, Viscous Dissipation, Porous Media, Convection Heat Transfer.	34, 2, 207-212	10.18280/ijht.340208	Nasser I., Duwairi H.M. (2016). Thermal dispersion effects on convection heat transfer in porous media with viscous dissipation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 207-212. DOI: 10.18280/ijht.340208
64	Aissaoui F., Benmachiche A.H., Brima A., Bahloul D., Belloufi Y.	Experimental and theoretical analysis on thermal performance of the flat plate solar air collector	Local Convective Heat Transfer Coefficients, Solar Air Collector, Efficiency Factor, Convection.	34, 2, 213-220	10.18280/ijht.340209	Aissaoui F., Benmachiche A.H., Brima A., Bahloul D., Belloufi Y. (2016). Experimental and theoretical analysis on thermal performance of the flat plate solar air collector, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 213-220. DOI: 10.18280/ijht.340209
65	Yuan Q.N., Yuan Q.Y., Du F.L.	The characteristics research of solid-liquid two-phase fluid in the filling process of fried pepper sauce	Fried Pepper Sauce, Solid-Liquid Two-Phase, Numerical Simulation, Velocity Field.	34, 2, 221-226	10.18280/ijht.340210	Yuan Q.N., Yuan Q.Y., Du F.L. (2016). The characteristics research of solid-liquid two-phase fluid in the filling process of fried pepper sauce, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 221-226. DOI: 10.18280/ijht.340210
66	Mansouri Z., Aouissi M., Boushaki T.	A numerical study of swirl effects on the flow and flame dynamics in a lean premixed combustor	Combustion Dynamics, Premixed Flame, RANS, Swirl Number, Vortex Breakdown	34, 2, 227-235	10.18280/ijht.340211	Mansouri Z., Aouissi M., Boushaki T. (2016). A numerical study of swirl effects on the flow and flame dynamics in a lean premixed combustor, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 227-235. DOI: 10.18280/ijht.340211
67	Rafiee S.E., Sadeghiyazad M.M.	Three-dimensional CFD simulation of fluid flow inside a vortex tube on basis of an experimental model- the optimization of vortex chamber radius	Numerical Simulation, Vortex Tube, Vortex-Chamber Radius, Pressure Drop, Cooling Efficiency.	34, 2, 236-244	10.18280/ijht.340212	Rafiee S.E., Sadeghiyazad M.M. (2016). Three-dimensional CFD simulation of fluid flow inside a vortex tube on basis of an experimental model- the optimization of vortex chamber radius, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 236-244. DOI: 10.18280/ijht.340212
68	Li Y., Zhang Y.X., Kong X.R., Ding Y.P., Zhang R.Z., Tang J.Y.	Thermal stability of the Mg ₂ Ni-based hydrogen storage alloy doped Ti element	Thermal Stability, Magnesium-Based, Hydrogen Storage, Mg ₂ Ni Doped Ti, First Principles.	34, 2, 245-250	10.18280/ijht.340213	Li Y., Zhang Y.X., Kong X.R., Ding Y.P., Zhang R.Z., Tang J.Y. (2016). Thermal stability of the Mg ₂ Ni-based hydrogen storage alloy doped Ti element, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 245-250. DOI: 10.18280/ijht.340213
69	Naas T.T., Lasbet T., Benzaoui A., Loubar K.	Characterization of pressure drops and heat transfer of non-Newtonian power-law fluid flow flowing in chaotic geometry	Non-Newtonian Power-Law Fluid, Laminar Flow, Poiseuille Number, Nusselt Number, Chaotic Advection.	34, 2, 251-260	10.18280/ijht.340214	Naas T.T., Lasbet T., Benzaoui A., Loubar K. (2016). Characterization of pressure drops and heat transfer of non-Newtonian power-law fluid flow flowing in chaotic geometry, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 251-260. DOI: 10.18280/ijht.340214
70	Wang X.D., Hou K.P., Liu J., Wang X.Y.	Study of jet flow and dust motion in flat chambers based on theory of gas-soild two phase flow	Flat Chamber, Dust Motion, Jet Flow Zone, Reflux Zone, Gas-Solid Two Phase Flow.	34, 2, 261-267	10.18280/ijht.340215	Wang X.D., Hou K.P., Liu J., Wang X.Y. (2016). Study of jet flow and dust motion in flat chambers based on theory of gas-soild two phase flow, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 261-267. DOI: 10.18280/ijht.340215
71	Senouci M., Benchatti T., Bounif A., Oumrani N., Merouane H.	A hybrid RANS-RSM/Composition PDF-transport method for simulation of hydrgen-air turbulent diffusion flame	PDF Method, Turbulent Diffusion Flame, Micro Mixing Models, Axisymmetric Turbulent Reacting Jet, Turbulence Modelling.	34, 2, 268-274	10.18280/ijht.340216	Senouci M., Benchatti T., Bounif A., Oumrani N., Merouane H. (2016). A hybrid RANS-RSM/Composition PDF-transport method for simulation of hydrgen-air turbulent diffusion flame, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 268-274. DOI: 10.18280/ijht.340216
72	Liang C.H., Zeng S., Li Z.X., Yang D.G., Sherif S.A.	Optimal design of plate-fin heat sink under natural convection using a particle swarm optimization algorithm	Pate-Fin, Heat Sink, Particle Swarm Optimization, Entropy Generation, Optimization.	34, 2, 275-280	10.18280/ijht.340217	Liang C.H., Zeng S., Li Z.X., Yang D.G., Sherif S.A. (2016). Optimal design of plate-fin heat sink under natural convection using a particle swarm optimization algorithm, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 275-280. DOI: 10.18280/ijht.340217

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74	Wang T.Z., Wang C.M., Huang X.H., Zhu H.B.	Spatial distribution of accumulation landslide thrust based on transfer coefficient method	Accumulation Landslide, Spatial Distribution Visualization, Thrust, Transfer Coefficient Method.	34, 2, 287-292	10.18280/ijht.340219	Wang T.Z., Wang C.M., Huang X.H., Zhu H.B. (2016). Spatial distribution of accumulation landslide thrust based on transfer coefficient method, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 287-292. DOI: 10.18280/ijht.340219
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77	Sharma P., Kumar N., Sharma T.	Entropy analysis in MHD forced convective flow through a circular channel filled with porous medium in the presence of thermal radiation	Forced Convection, Hyper Porous Medium, MHD, Radiation, Slip Flow Regime.	34, 2, 311-318	10.18280/ijht.340222	Sharma P., Kumar N., Sharma T. (2016). Entropy analysis in MHD forced convective flow through a circular channel filled with porous medium in the presence of thermal radiation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 311-318. DOI: 10.18280/ijht.340222
78	Yang J.J., Dong D.W., Meng Z.W., Yang Y.H., Wang Y.	Different types of flow field and engine performance of the vortex throttle	Vortex Throttle, Conventional Throttle, Flow Velocity, Performance Test.	34, 2, 319-324	10.18280/ijht.340223	Yang J.J., Dong D.W., Meng Z.W., Yang Y.H., Wang Y. (2016). Different types of flow field and engine performance of the vortex throttle, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 319-324. DOI: 10.18280/ijht.340223
79	Boulaoued I., Amara I., Mhimid A.	Experimental determination of thermal conductivity and diffusivity of new building insulating materials	Seaweed Fibers, Palm Tree Fibers Insulation, Conservation of Energy, Thermal Conductivity, Thermal Diffusivity.	34, 2, 325-331	10.18280/ijht.340224	Boulaoued I., Amara I., Mhimid A. (2016). Experimental determination of thermal conductivity and diffusivity of new building insulating materials, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 325-331. DOI: 10.18280/ijht.340224
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81	Zhang Y.D., Wang D., Yang J.P., Tian L., Wu L.J.	Research on the hydrate formation in the process of gas phase CO ₂ pipeline transportation	Pipeline Transportation, Hydrate, Hysys Simulation, Gaseous CO ₂	34, 2, 339-344	10.18280/ijht.340226	Zhang Y.D., Wang D., Yang J.P., Tian L., Wu L.J. (2016). Research on the hydrate formation in the process of gas phase CO ₂ pipeline transportation, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 339-344. DOI: 10.18280/ijht.340226
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85	Popoola A.O., Baoku I.G., Olajuwon B.I.	Heat and mass transfer on MHD viscoelastic fluid flow in the presence of thermal diffusion and chemical reaction	Thermal Diffusion, Thermal Radiation, Chemical Reaction, MHD, Viscoelastic Fluid, Variable Viscosity.	34, 1, 15-26	10.18280/ijht.340103	Popoola A.O., Baoku I.G., Olajuwon B.I. (2016). Heat and mass transfer on MHD viscoelastic fluid flow in the presence of thermal diffusion and chemical reaction, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 15-26. DOI: 10.18280/ijht.340103
86	De Ninno A., Bassignana A., Musumeci F., Tudisco S., Cammarata G.	Nuclear project: preliminary study of the hydrogen flux in palladium film under electric field	Lattice Assisted Nuclear Reaction, Palladium Film, PEM.	34, 1, 27-30	10.18280/ijht.340104	De Ninno A., Bassignana A., Musumeci F., Tudisco S., Cammarata G. (2016). Nuclear project: preliminary study of the hydrogen flux in palladium film under electric field, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 27-30. DOI: 10.18280/ijht.340104
87	Rafiee S.E., Sadeghiyazad M.M.	Heat and mass transfer between cold and hot vortex cores inside Ranque-Hilsch vortex tube-optimization of hot tube length	Vortex Tube Air Separator, Optimization, Separation Process, Main Length, Numerical Simulation.	34, 1, 31-38	10.18280/ijht.340105	Rafiee S.E., Sadeghiyazad M.M. (2016). Heat and mass transfer between cold and hot vortex cores inside Ranque-Hilsch vortex tube-optimization of hot tube length, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 31-38. DOI: 10.18280/ijht.340105
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89	Dong Y., Li M.X.	Research of imaging interpretation model of CAT logging data	Production Logging, CAT, Flow Imaging, Gaussian Weighting Function, Correction Coefficient.	34, 1, 47-50	10.18280/ijht.340107	Dong Y., Li M.X. (2016). Research of imaging interpretation model of CAT logging data, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 47-50. DOI: 10.18280/ijht.340107
90	Zhang H.T., Wei J.P., Wang Y.G., Wen Z.H., Yao B.H.	Experimental study on the parameters effect on the sampling method based on negative pneumatic conveying	Drill Pipe Inner Diameter, Drilling Velocity, Negative Pneumatic Conveying, Particle Breakage Ratio.	34, 1, 51-56	10.18280/ijht.340108	Zhang H.T., Wei J.P., Wang Y.G., Wen Z.H., Yao B.H. (2016). Experimental study on the parameters effect on the sampling method based on negative pneumatic conveying, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 51-56. DOI: 10.18280/ijht.340108
91	Nasrin R.	Numerical analysis through a tubular reactor: velocity effect	Tubular Reactor, Numerical Analysis, Finite Element Method, Velocity Effect.	34, 1, 57-64	10.18280/ijht.340109	Nasrin R. (2016). Numerical analysis through a tubular reactor: velocity effect, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 57-64. DOI: 10.18280/ijht.340109
92	Li H., Lu Y., Peng X.D., Lv X.D., Wang L.C.	Pressure drop calculation models of wellbore fluid in perforated completion horizontal wells	Pressure Drop of Wellbore Fluid, Variable Mass Flow, Stratified Flow, Perforated Completion, Horizontal Well.	34, 1, 65-72	10.18280/ijht.340110	Li H., Lu Y., Peng X.D., Lv X.D., Wang L.C. (2016). Pressure drop calculation models of wellbore fluid in perforated completion horizontal wells, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 65-72. DOI: 10.18280/ijht.340110
93	Mahmoudi A., Mejri I., Omri A.	Study of natural convection in a square cavity filled with nanofluid and subjected to a magnetic field	Heat Sink, Lattice Boltzmann Method, Magnetic Field, Nanofluid, Natural Convection.	34, 1, 73-79	10.18280/ijht.340111	Mahmoudi A., Mejri I., Omri A. (2016). Study of natural convection in a square cavity filled with nanofluid and subjected to a magnetic field, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 73-79. DOI: 10.18280/ijht.340111
94	Gao F., Feng M.Q., Han S.X., Bai J.Z.	Numerical simulation research on flow characteristics and influential factors of Wuxing Lake	Wuxing Lake, Circulation, Numerical Simulation, Wind, Boundary.	34, 1, 80-88	10.18280/ijht.340112	Gao F., Feng M.Q., Han S.X., Bai J.Z. (2016). Numerical simulation research on flow characteristics and influential factors of Wuxing Lake, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 80-88. DOI: 10.18280/ijht.340112
95	Singh J. K., Joshi N., Begum S.G.	Unsteady magnetohydrodynamic Couette-Poiseuille flow within porous plates filled with porous medium in the presence of a moving magnetic field with hall and ion-slip effects	Hall Current, Ion-Slip, Magnetic Field, Permeability, Suction/Injection.	34, 1, 89-97	10.18280/ijht.340113	Singh J. K., Joshi N. and Begum S.G. (2016). Unsteady magnetohydrodynamic Couette-Poiseuille flow within porous plates filled with porous medium in the presence of a moving magnetic field with hall and ion-slip effects, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 89-97. DOI: 10.18280/ijht.340113

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97	Zouaoui A., Zili-Ghedira L., Nasrallah S.B.	Experimental investigation of air dehumidification and regeneration operations using packed bed of silica gel particles	Experimental, Dehumidification, Regeneration.	34, 1, 103-109	10.18280/ijht.340115	Zouaoui A., Zili-Ghedira L., Nasrallah S.B. (2016). Experimental investigation of air dehumidification and regeneration operations using packed bed of silica gel particles, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 103-109. DOI: 10.18280/ijht.340115
98	Li Y., Zhang Y.X., Kong X.R., Deng Y.P., Zhang R.Z., Tang J.Y.	Investigation on thermodynamic performances of Mg ₂ Sn compound via first principle calculations	Mg ₂ Sn compound, Thermodynamic Properties, Phonon Spectrum, First Principles.	34, 1, 110-114	10.18280/ijht.340116	Li Y., Zhang Y.X., Kong X.R., Deng Y.P., Zhang R.Z., Tang J.Y. (2016). Investigation on thermodynamic performances of Mg ₂ Sn compound via first principle calculations, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 110-114. DOI: 10.18280/ijht.340116
99	Ahmed N., Das S.M.	Oscillatory MHD mass transfer channel flow in a rotating system with Hall current	Convective Flow, Hall Current, Rotating Channel, Slip Conditions, Thermal Radiation.	34, 1, 115-123	10.18280/ijht.340117	Ahmed N., Das S.M. (2016). Oscillatory MHD mass transfer channel flow in a rotating system with Hall current, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 115-123. DOI: 10.18280/ijht.340117
100	Liu L.L., Li K.K., Lu F.	Dynamic simulation modeling of inking system based on elasto-hydrodynamic lubrication	Dynamic Lubrication, Inking System, Transfer Characteristic, Printing Speed.	34, 1, 124-128	10.18280/ijht.340118	Liu L.L., Li K.K., Lu F. (2016). Dynamic simulation modeling of inking system based on elasto-hydrodynamic lubrication, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 124-128. DOI: 10.18280/ijht.340118
101	Usman H., Mabood F., Lorenzini G.	Heat and mass transfer along vertical channel in porous medium with radiation effect and slip condition	Convection, Heat Transfer, Mass Transfer, MHD, Porosity.	34, 1, 129-136	10.18280/ijht.340119	Usman H., Mabood F., Lorenzini G. (2016). Heat and mass transfer along vertical channel in porous medium with radiation effect and slip condition, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 129-136. DOI: 10.18280/ijht.340119
102	Zhang W., Liu H.F., Du X.Z., Yang Y.P., Shi L.	Numerical and experimental research on performance of single-row finned tubes in air cooled power plants	Drop-Shaped Tube, Heat Transfer Enhancement, Numerical Simulation, Single Row Finned Tube.	34, 1, 137-142	10.18280/ijht.340120	Zhang W., Liu H.F., Du X.Z., Yang Y.P., Shi L. (2016). Numerical and experimental research on performance of single-row finned tubes in air cooled power plants, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 137-142. DOI: 10.18280/ijht.340120
103	Feng H.Y., Peng Y.H., Gong J.S., Yin F.L.	Numerical simulation of two-dimensional large-amplitude acoustic oscillations	Two-Dimensional Flow Field, Gas-Kinetic Scheme, Large-Amplitude Oscillation, Nonlinear Effect.	34, 1, 143-150	10.18280/ijht.340121	Feng H.Y., Peng Y.H., Gong J.S., Yin F.L. (2016). Numerical simulation of two-dimensional large-amplitude acoustic oscillations, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 143-150. DOI: 10.18280/ijht.340121
104	Bouabdallah S., Gheraout B., Teggat M., Benchatti A., Benarab F.	Onset of natural convection and transition laminar-oscillatory convection flow in Rayleigh-Bénard configuration	Rayleigh-Bénard Convection, Natural Convection, Oscillatory Flow, Bifurcation.	34, 1, 151-157	10.18280/ijht.340122	Bouabdallah S., Gheraout B., Teggat M., Benchatti A., Benarab F. (2016). Onset of natural convection and transition laminar-oscillatory convection flow in Rayleigh-Bénard configuration, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 1, pp. 151-157. DOI: 10.18280/ijht.340122
105	Lorenzini G., Saro O.	Analysis of water droplet evaporation through a theoretical-numerical model	Analytical Model, Numerical Method, Water Droplet Evaporation, Water Droplet Travel Distance, Water Droplet Time of Flight, Final Droplet Temperature, Parameters Effect.	34, Sp. 2, S189-S198	10.18280/ijht.34Sp0201	Lorenzini G., Saro O. (2016). Analysis of water droplet evaporation through a theoretical-numerical model, <i>International Journal of Heat and Technology</i> , Vol. 34, Special Issue 2, pp. S189-S198. DOI: 10.18280/ijht.34Sp0201
106	Humic G., Humic A., Fleaca C., Dumitrache F.	Heat transfer characteristics of a two-phase closed thermosyphons using nanofluids based on sic nanoparticles	Nanofluids, Thermal Conductivity, Two-Phase Closed Thermosyphon, Thermal Performances.	34, Sp. 2, S199-S204	10.18280/ijht.34Sp0202	Humic G., Humic A., Fleaca C., Dumitrache F. (2016). Heat transfer characteristics of a two-phase closed thermosyphons using nanofluids based on sic nanoparticles, <i>International Journal of Heat and Technology</i> , Vol. 34, Special Issue 2, pp. S199-S204. DOI: 10.18280/ijht.34Sp0202

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109	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A.	Analysis of air pollution in the urban center of four cities Sicilian	Environmental Pollution, Pollution Levels, Linear Regression, Air Quality Index, Statistical Analysis, PM ₁₀ , NO ₂ , SO ₂ , O ₃ , CO, C ₆ H ₆ , NH ₃ , COVNM.	34, Sp. 2, S219-S225	10.18280/ijht.34Sp0205	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A. (2016). Analysis of air pollution in the urban center of four cities Sicilian, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S219-S225. DOI: 10.18280/ijht.34Sp0205
110	Gagliano A., Nocera F., Detommaso M., Evola G.	Thermal behavior of an extensive green roof: numerical simulations and experimental investigations	Green Roof, Thermal Inertia, Urban Heat Island, Experimental Measurements.	34, Sp. 2, S226-S234	10.18280/ijht.34Sp0206	Gagliano A., Nocera F., Detommaso M., Evola G. (2016). Thermal behavior of an extensive green roof: numerical simulations and experimental investigations, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S226-S234. DOI: 10.18280/ijht.34Sp0206
111	Intini F., Rospi G., Cardinale N., Kühtz S., Dassisti M.	Life cycle assessment of Italian residential windows: sensitivity of analysis	Life Cycle Analysis, Window Frames, Thermal Performance, PVC.	34, Sp. 2, S235-S241	10.18280/ijht.34Sp0207	Intini F., Rospi G., Cardinale N., Kühtz S., Dassisti M. (2016). Life cycle assessment of Italian residential windows: sensitivity of analysis, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S235-S241. DOI: 10.18280/ijht.34Sp0207
112	Perrone D., Amelio M.	Numerical simulation of MILD (moderate or intense low-oxygen dilution) combustion of coal in a furnace with different coal gun positions	MILD, Coal Combustion, Computational Fluid Dynamics.	34, Sp. 2, S242-S248	10.18280/ijht.34Sp0208	Perrone D., Amelio M. (2016). Numerical simulation of MILD (moderate or intense low-oxygen dilution) combustion of coal in a furnace with different coal gun positions, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S242-S248. DOI: 10.18280/ijht.34Sp0208
113	Cammarata G., Galluccio M., Vinci D., Raciti L.	Air distribution through fan coil and displacement systems	Mixing Air Distribution, Fan Coil, Displacement Systems, Thermal Comfort, CFD Analysis.	34, Sp. 2, S249-S254	10.18280/ijht.34Sp0209	Cammarata G., Galluccio M., Vinci D., Raciti L. (2016). Air distribution through fan coil and displacement systems, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S249-S254. DOI: 10.18280/ijht.34Sp0209
114	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Galloro A., Schimio R., Le Pera G.	Thermohydraulic analysis of a shell-and-tube "helical baffles" heat exchanger	Heat Exchanger, Segmental Baffles, Helical Baffles, Thermo-Hydraulic Analysis.	34, Sp. 2, S255-S262	10.18280/ijht.34Sp0210	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Galloro A., Schimio R., Le Pera G. (2016). Thermohydraulic analysis of a shell-and-tube "helical baffles" heat exchanger, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S255-S262. DOI: 10.18280/ijht.34Sp0210
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116	Delmastro C., Mutani G., Perassi S.	In use monitoring of public buildings. Case study in North Italy	Public Buildings, Monitoring, Diagnostic, Energy Conservation Measure.	34, Sp. 2, S266-S276	10.18280/ijht.34Sp0212	Delmastro C., Mutani G., Perassi S. (2016). In use monitoring of public buildings. Case study in North Italy, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S266-S276. DOI: 10.18280/ijht.34Sp0212
117	Ascione F., Bianco N., De Stasio C., Mauro G.M., Vanoli G.P.	A methodology to assess and improve the impact of public energy policies for retrofitting the building stock: application to Italian office buildings	Dynamic Energy Simulations, Building Energy Retrofit, Building Stock, Representative Building Sample, Energy Policies.	34, Sp. 2, S277-S286	10.18280/ijht.34Sp0213	Ascione F., Bianco N., De Stasio C., Mauro G.M., Vanoli G.P. (2016). A methodology to assess and improve the impact of public energy policies for retrofitting the building stock: application to Italian office buildings, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S277-S286. DOI: 10.18280/ijht.34Sp0213

118	D'Agostino D., Marino C., Minichiello F.	The use of earth-to-air and air-to-air heat exchangers for different Italian climates	Dynamic Energy Simulations, Building Energy Retrofit, Building Stock, Representative Building Sample, Energy Policies.	34, Sp. 2, S287-S294	10.18280/ijht.34Sp0214	D'Agostino D., Marino C., Minichiello F. (2016). The use of earth-to-air and air-to-air heat exchangers for different Italian climates, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S287-S294. DOI: 10.18280/ijht.34Sp0214
119	Ciampi G., Rosato A., Sibilio S.	Dynamic simulation of a micro-trigeneration system serving an Italian multi-family house: energy, environmental and economic analyses	Cogeneration, Trigeneration, Carbon Dioxide Emissions, Energy Saving, TRNSYS.	34, Sp. 2, S295-S302	10.18280/ijht.34Sp0215	Ciampi G., Rosato A., Sibilio S. (2016). Dynamic simulation of a micro-trigeneration system serving an Italian multi-family house: energy, environmental and economic analyses, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S295-S302. DOI: 10.18280/ijht.34Sp0215
120	Murgi N., De Lorenzo G., Corigliano O., Mirandola F.A., Fragiaco P.	Influence of anodic gas mixture composition on solid oxide fuel cell performance: Part 1	SOFC, Syngas, Hydrogen, Clean Energy.	34, Sp. 2, S303-S308	10.18280/ijht.34Sp0216	Murgi N., De Lorenzo G., Corigliano O., Mirandola F.A., Fragiaco P. (2016). Influence of anodic gas mixture composition on solid oxide fuel cell performance: Part 1, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S303-S308. DOI: 10.18280/ijht.34Sp0216
121	Murgi N., De Lorenzo G., Corigliano O., Mirandola F.A., Fragiaco P.	Influence of anodic gas mixture composition on solid oxide fuel cell performance: Part 2	SOFC, Syngas, Hydrogen, Clean Energy, Testing Planning.	34, Sp. 2, S309-S314	10.18280/ijht.34Sp0217	Murgi N., De Lorenzo G., Corigliano O., Mirandola F.A., Fragiaco P. (2016). Influence of anodic gas mixture composition on solid oxide fuel cell performance: Part 2, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S309-S314. DOI: 10.18280/ijht.34Sp0217
122	Evola G., Marletta L., Gagliano A., Nocera F., Peci D.	Energy balances and payback time for controlled mechanical ventilation in residential buildings	Mechanical Ventilation, Residential Buildings, Heat Recovery, Primary Energy, Costs.	34, Sp. 2, S315-S322	10.18280/ijht.34Sp0218	Evola G., Marletta L., Gagliano A., Nocera F., Peci D. (2016). Energy balances and payback time for controlled mechanical ventilation in residential buildings, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S315-S322. DOI: 10.18280/ijht.34Sp0218
123	Cardinale T., De Fazio P., Grandizio F.	Numerical and experimental computation of airflow in a transport container	CFD, Model, Convective Flows, Air Distribution, Hybrid Refrigeration.	34, Sp. 2, S323-S331	10.18280/ijht.34Sp0219	Cardinale T., De Fazio P., Grandizio F. (2016). Numerical and experimental computation of airflow in a transport container, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S323-S331. DOI: 10.18280/ijht.34Sp0219
124	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G.	Technical and economic evaluations about the integration of co-trigeneration systems in the dairy industry	Dairy Industries, Energy, Emission Analysis, Cogeneration Plants, Tri-Generation.	34, Sp. 2, S332-S336	10.18280/ijht.34Sp0220	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G. (2016). Technical and economic evaluations about the integration of co-trigeneration systems in the dairy industry, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S332-S336. DOI: 10.18280/ijht.34Sp0220
125	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F.	Calculation model using finite-difference method for energy analysis in a concentrating solar plant with linear Fresnel reflectors	Concentrating Solar Power, Linear Fresnel, Finite-Difference Method.	34, Sp. 2, S337-S345	10.18280/ijht.34Sp0221	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F. (2016). Calculation model using finite-difference method for energy analysis in a concentrating solar plant with linear Fresnel reflectors, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S337-S345. DOI: 10.18280/ijht.34Sp0221
126	Bianco V., Diana A., Manca O., Nardini S.	Thermal behavior evaluation of ventilated roof under variable solar radiation	Ventilated Roof, Numerical Investigation, Summer, Winter Conditions, Energy Saving, Heat Flux, Heat Transfer Model, Fluent.	34, Sp. 2, S346-S350	10.18280/ijht.34Sp0222	Bianco V., Diana A., Manca O., Nardini S. (2016). Thermal behavior evaluation of ventilated roof under variable solar radiation, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S346-S350. DOI: 10.18280/ijht.34Sp0222
127	Ciarmiello M., Morrone B.	Numerical thermal analysis of an electric oven for Neapolitan pizzas	Computational Fluid Dynamic, Electric Oven, Numerical Simulation, Radiative Heat Flux.	34, Sp. 2, S351-S358	10.18280/ijht.34Sp0223	Ciarmiello M., Morrone B. (2016). Numerical thermal analysis of an electric oven for Neapolitan pizzas, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S351-S358. DOI: 10.18280/ijht.34Sp0223
128	Buonomo B., Ercole D., Manca O., Nardini S.	Thermal behaviors of latent thermal energy storage system with PCM and aluminum foam	Phase Change Material, LHTESS, Thermal Storage, Nano-PCM, Metal Foam.	34, Sp. 2, S359-S364	10.18280/ijht.34Sp0224	Buonomo B., Ercole D., Manca O., Nardini S. (2016). Thermal behaviors of latent thermal energy storage system with PCM and aluminum foam, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S359-S364. DOI: 10.18280/ijht.34Sp0224

129	Liuzzi S., Stefanizzi P.	Experimental study on hygrothermal performances of indoor covering materials	Building Simulation, Energy Saving, Hygrothermal Behavior, Moisture Buffering Value, Test Room.	34, Sp. 2, S365-S370	10.18280/ijht.34Sp0225	Liuzzi S., Stefanizzi P. (2016). Experimental study on hygrothermal performances of indoor covering materials. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S365-S370. DOI: 10.18280/ijht.34Sp0225
130	Casano G., Piva S.	A renewable energy joint strategy for the implementation of local action plans for renewable energy	Renewable Energy, Local Action Plans, Joint Strategy, Heating and Cooling.	34, Sp. 2, S371-S378	10.18280/ijht.34Sp0226	Casano G., Piva S. (2016). A renewable energy joint strategy for the implementation of local action plans for renewable energy. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S371-S378. DOI: 10.18280/ijht.34Sp0226
131	Viola A., Franzitta V., Trapanese M., Curto D.	Nexus water & energy: a case study of wave energy converters (WECs) to desalination applications in Sicily	Desalination, Water, Renewable Energy, Wave Energy.	34, Sp. 2, S379-S386	10.18280/ijht.34Sp0227	Viola A., Franzitta V., Trapanese M., Curto D. (2016). Nexus water & energy: a case study of wave energy converters (WECs) to desalination applications in Sicily. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S379-S386. DOI: 10.18280/ijht.34Sp0227
132	Trancossi M., Pascoa J.C., Xisto C.M.	Design of an innovative off road hybrid vehicle by energy efficiency criteria	Vehicle, Hibrid, Energy, Optimization, Efficiency, Sustainability, Design, Land Rover, Defender.	34, Sp. 2, S387-S395	10.18280/ijht.34Sp0228	Trancossi M., Pascoa J.C., Xisto C.M. (2016). Design of an innovative off road hybrid vehicle by energy efficiency criteria. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S387-S395. DOI: 10.18280/ijht.34Sp0228
133	Stefanizzi P., Fato I., Turi S.D.	Energy and environmental performance of Trullo stone building. An experimental and numerical survey	Trullo, Vernacular Architecture, Hygrothermal Performance, Indoor Comfort, Experimental Measurement.	34, Sp. 2, S396-S402	10.18280/ijht.34Sp0229	Stefanizzi P., Fato I., Turi S.D. (2016). Energy and environmental performance of Trullo stone building. An experimental and numerical survey. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S396-S402. DOI: 10.18280/ijht.34Sp0229
134	Ricci D., Natale P., Battista F., Ferraiuolo M., Fragiaco M.	Thermal analyses supporting the development of a liquid rocket engine	Design Procedures, Liquid Rocket Engine, Numerical Simulations, Thermal Analyses, Thermal Control.	34, Sp. 2, S403-S412	10.18280/ijht.34Sp0230	Ricci D., Natale P., Battista F., Ferraiuolo M., Fragiaco M. (2016). Thermal analyses supporting the development of a liquid rocket engine. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S403-S412. DOI: 10.18280/ijht.34Sp0230
135	Baccilieri F., Bornino R., Fotia A., Marino C., Nucara A., Pietrafesa M.	Experimental measurements of the thermal conductivity of insulant elements made of natural materials: preliminary results	Natural and Recycling Materials, Thermal Conductivity, Building Insulation.	34, Sp. 2, S413-S419	10.18280/ijht.34Sp0231	Baccilieri F., Bornino R., Fotia A., Marino C., Nucara A., Pietrafesa M. (2016). Experimental measurements of the thermal conductivity of insulant elements made of natural materials: preliminary results, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S413-S419. DOI: 10.18280/ijht.34Sp0231
136	Myriam Lazard	Heat transfer in a semi-transparent parallelogram shaped medium	Radiative Transfer Equation, Conduction, Parallelogram.	34, Sp. 2, S420-424	10.18280/ijht.34Sp0232	Myriam Lazard. (2016). Heat transfer in a semi-transparent parallelogram shaped medium, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S420-424. DOI: 10.18280/ijht.34Sp0232
137	Carotenuto C., Guarino G., Morrone B., Minale M.	Temperature and pH effect on methane production from buffalo manure anaerobic digestion	Anaerobic Digestion, Bio-Methane, Buffalo Manure.	34, Sp. 2, S425-S429	10.18280/ijht.34Sp0233	Carotenuto C., Guarino G., Morrone B., Minale M. (2016). Temperature and pH effect on methane production from buffalo manure anaerobic digestion, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S425-S429. DOI: 10.18280/ijht.34Sp0233
138	Fichera A., Volpe R., Frasca M.	Assessment of the energy distribution in urban areas by using the framework of complex network theory	City, Complex Networks, Decentralized Energy Systems, Renewables.	34, Sp. 2, S430-S434	10.18280/ijht.34Sp0234	Fichera A., Volpe R., Frasca M. (2016). Assessment of the energy distribution in urban areas by using the framework of complex network theory. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S430-S434. DOI: 10.18280/ijht.34Sp0234
139	Scafetta N.	Problems in modeling and forecasting climate change: CMIP5 general circulation models versus a semi-empirical model based on natural oscillations	Global Warming, Climate Models, Natural Versus Anthropogenic Variability, Natural Oscillation, Solar and Astronomical Forcings.	34, Sp. 2, S435-S442	10.18280/ijht.34Sp0235	Scafetta N. (2016). Problems in modeling and forecasting climate change: CMIP5 general circulation models versus a semi-empirical model based on natural oscillations. International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S435-S442. DOI: 10.18280/ijht.34Sp0235

140	Salvini C., Giovannelli A., Varano M.	Economic analysis of small size gas turbine based CHP plants in the present Italian context	CHP Plants, Gas Turbine with Heat Recovery, Small Size Gas Turbine, High Efficiency Cogeneration.	34, Sp. 2, S443-S450	10.18280/ijht.34Sp0236	Salvini C., Giovannelli A., Varano M. (2016). Economic analysis of small size gas turbine based CHP plants in the present Italian context, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S443-S450. DOI: 10.18280/ijht.34Sp0236
141	Cascetta F., Musto M., Rotondo G., Barbato L.	The influence of the filling percentage traffic on required ventilation thrust in road tunnel	CFD, Tunnel, Traffic, Ventilation.	34, Sp. 2, S451-S457	10.18280/ijht.34Sp0237	Cascetta F., Musto M., Rotondo G., Barbato L. (2016). The influence of the filling percentage traffic on required ventilation thrust in road tunnel, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S451-S457. DOI: 10.18280/ijht.34Sp0237
142	Sibilio S., Ciampi G., Rosato A., Entchev E., Yaici W.	Parametric analysis of a solar heating and cooling system for an Italian multi-family house	Solar Heating and Cooling, Absorption Systems, Carbon Dioxide Emissions, Energy Saving, Operating Costs.	34, Sp. 2, S458-S464	10.18280/ijht.34Sp0238	Sibilio S., Ciampi G., Rosato A., Entchev E., Yaici W. (2016). Parametric analysis of a solar heating and cooling system for an Italian multi-family house, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S458-S464. DOI: 10.18280/ijht.34Sp0238
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144	Cirillo L., Corte A.D., Nardini S.	Feasibility study of solar cooling thermally driven system configurations for an office building in Mediterranean area	Solar Heating and Cooling, Solar Energy, Absorption Cooling, Simulation.	34, Sp. 2, S472-S480	10.18280/ijht.34Sp0240	Cirillo L., Corte A.D., Nardini S. (2016). Feasibility study of solar cooling thermally driven system configurations for an office building in Mediterranean area, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S472-S480. DOI: 10.18280/ijht.34Sp0240
145	Sibilio S., Rosato A., Scorpio M., Iuliano G., Ciampi G., Vanoli G.P., De Rossi F.	A review of electrochromic windows for residential applications	Electrochromic Glazing, Energy Saving, Experimental Measurements, Smart Window, Visual Comfort.	34, Sp. 2, S481-S488	10.18280/ijht.34Sp0241	Sibilio S., Rosato A., Scorpio M., Iuliano G., Ciampi G., Vanoli G.P., De Rossi F. (2016). A review of electrochromic windows for residential applications, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S481-S488. DOI: 10.18280/ijht.34Sp0241
146	Andreozzi A., Bianco N., Iasiello M., Naso V.	Thermal analysis of an open cell foam volumetric solar receiver	Volumetric Solar Receiver, Ceramic Foam, Numerical Approach, Thermal Analysis.	34, Sp. 2, S489-S495	10.18280/ijht.34Sp0242	Andreozzi A., Bianco N., Iasiello M., Naso V. (2016). Thermal analysis of an open cell foam volumetric solar receiver, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S489-S495. DOI: 10.18280/ijht.34Sp0242
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148	Tagliafico L.A., Cavalletti P., Fabbri C., Scarpa F.	Dynamic behaviour and control strategy optimization for conventional heating plants in buildings	Building Heating System, Dynamic Simulation, Energy Savings, Smart Regulation and Control.	34, Sp. 2, S505-S511	10.18280/ijht.34Sp0244	Tagliafico L.A., Cavalletti P., Fabbri C., Scarpa F. (2016). Dynamic behaviour and control strategy optimization for conventional heating plants in buildings, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S505-S511. DOI: 10.18280/ijht.34Sp0244
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150	Carotenuto A., De Luca G., Fabozzi S., Figaj R.D., Iorio M., Massarotti N., Vanoli L.	Energy analysis of a small geothermal district heating system in southern Italy	District Heating, Geothermal Energy, Heat Pump, Efficiency, Renewable Energy.	34, Sp. 2, S519-S527	10.18280/ijht.34Sp0246	Carotenuto A., De Luca G., Fabozzi S., Figaj R.D., Iorio M., Massarotti N., Vanoli L. (2016). Energy analysis of a small geothermal district heating system in southern Italy, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S519-S527. DOI: 10.18280/ijht.34Sp0246

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152	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Barci G.	Performance of a field of geothermal probes to support the air conditioning plant of a public building powered by water/water heat pumps	Performance, Geothermal Probes, Building Air Conditioning, Water/Water, Heat Pump.	34, Sp. 2, S535-S544	10.18280/ijht.34Sp0248	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Barci G. (2016). Performance of a field of geothermal probes to support the air conditioning plant of a public building powered by water/water heat pumps, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S535-S544. DOI: 10.18280/ijht.34Sp0248
153	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V.	Numerical simulation of energy systems to control environment microclimate	Dynamic Simulation, Air Conditioning, Microclimate, Energy Efficiency.	34, Sp. 2, S545-S552	10.18280/ijht.34Sp0249	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V. (2016). Numerical simulation of energy systems to control environment microclimate, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S545-S552. DOI: 10.18280/ijht.34Sp0249
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155	De' Rossi F., Marigliano M., Marino C., Francesco M.	A technical and economic analysis on optimal thermal insulation thickness for existing office building in Mediterranean climates	Dynamic Simulation, Energy Efficiency, Office Building, Optimal Insulation Thickness, Payback.	34, Sp. 2, S561-S568	10.18280/ijht.34Sp0251	De' Rossi F., Marigliano M., Marino C., Francesco M. (2016). A technical and economic analysis on optimal thermal insulation thickness for existing office building in Mediterranean climates, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S561-S568. DOI: 10.18280/ijht.34Sp0251
156	Fortelli A., Scafetta N., Mazzarella A.	Local warming in historical center of naples: urban heat island through thermic city analysis	Urban Heat Island, Local Warming, Meteorological Parameters.	34, Sp. 2, S569-S572	10.18280/ijht.34Sp0252	Fortelli A., Scafetta N., Mazzarella A. (2016). Local warming in historical center of naples: urban heat island through thermic city analysis, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S569-S572. DOI: 10.18280/ijht.34Sp0252
157	Marino C., Minichiello F., Ronga P.	Thermal-hygrometric and energy performance analysis of HVAC systems for educational buildings in southern Europe	HVAC Systems, Schools, Thermal Comfort, Energy Performance, Dynamic Simulation.	34, Sp. 2, S573-S580	10.18280/ijht.34Sp0253	Marino C., Minichiello F., Ronga P. (2016). Thermal-hygrometric and energy performance analysis of HVAC systems for educational buildings in southern Europe, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S573-S580. DOI: 10.18280/ijht.34Sp0253
158	Di Iorio S., Magno A., Mancaruso E., Vaglieco B.M.	Diesel/methane dual fuel strategy to improve environmental performance of energy power systems	Combustion, Dual-Fuel Engine, Methane, Nitrogen Oxides, Particulate Matter.	34, Sp. 2, S581-S588	10.18280/ijht.34Sp0254	Di Iorio S., Magno A., Mancaruso E., Vaglieco B.M. (2016). Diesel/methane dual fuel strategy to improve environmental performance of energy power systems, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S581-S588. DOI: 10.18280/ijht.34Sp0254
159	Cannistraro G., Cannistraro A., Cannistraro M.	Evaluation of the sound emissions and climate acoustic in proximity of one railway station in proximity of one railway station	Noise Pollution, Monitoring Railway Noise, Noise Mapping, Acoustic Climate, Acoustics Legislation.	34, Sp. 2, S589-S596	10.18280/ijht.34Sp0255	Cannistraro G., Cannistraro A., Cannistraro M. (2016). Evaluation of the sound emissions and climate acoustic in proximity of one railway station in proximity of one railway station, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S589-S596. DOI: 10.18280/ijht.34Sp0255
160	Di Natale F., Carotenuto C., Manna L., Esposito M., La Motta F., D'addio L., Lancia A.	Water electrified sprays for emission control in energy production processes	Flue Gas Treatment, Ultrafine Particle Capture, SO ₂ Capture, Wet Electrostatic Scrubbing.	34, Sp. 2, S597-S602	10.18280/ijht.34Sp0256	Di Natale F., Carotenuto C., Manna L., Esposito M., La Motta F., D'addio L., Lancia A. (2016). Water electrified sprays for emission control in energy production processes, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S597-S602. DOI: 10.18280/ijht.34Sp0256
161	Bejan A.	Constructal thermodynamics	Constructal Law, Design, Organization, Life, Evolution, Arrow of Time, Thermodynamics, Entropy.	34, Sp. 1, S1-S8	10.18280/ijht.34Sp0101	Bejan A. (2016). Constructal thermodynamics, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S1-S8. DOI: 10.18280/ijht.34Sp0101

162	Lorenzini G., Helbig D., Da Silva C.C.C., De Vasconcellos Real M., Dos Santos E., Isoldi L.A., Rocha L.A.O.	Numerical evaluation of the effect of type and shape of perforations on the buckling of thin steel plates by means of the constructal design method	Constructal Design, Thin Steel Plate with Cutout, Linear Elastic Buckling, Nonlinear Elasto-Plastic Buckling, Computational Modeling.	34, Sp. 1, S9-S20	10.18280/ijht.34Sp0102	Lorenzini G., Helbig D., Da Silva C.C.C., De Vasconcellos Real M., Dos Santos E., Isoldi L.A., Rocha L.A.O. (2016). Numerical evaluation of the effect of type and shape of perforations on the buckling of thin steel plates by means of the constructal design method, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S9-S20. DOI: 10.18280/ijht.34Sp0102
163	Nicoletti G., Arcuri N., Bruno R., Nicoletti G.	On the generalized concept of entropy for physical, extra-physical and chemical processes	Heat Exchangers, Quality Index in Thermal Exchange, Chemical Combustions, Environmental Quality Index, Information Theory.	34, Sp. 1, S21-S28	10.18280/ijht.34Sp0103	Nicoletti G., Arcuri N., Bruno R., Nicoletti G. (2016). On the generalized concept of entropy for physical, extra-physical and chemical processes, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S21-S28. DOI: 10.18280/ijht.34Sp0103
164	Chester H.C.	Global channels of successful immigrant entrepreneurs illustrate the constructal law	Constructal Law, Guanxi, Morphing, Migration, Immigrant Entrepreneurs.	34, Sp. 1, S29-S36	10.18280/ijht.34Sp0104	Chester H.C. (2016). Global channels of successful immigrant entrepreneurs illustrate the constructal law, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S29-S36. DOI: 10.18280/ijht.34Sp0104
165	Cetkin E.	Constructal structures with and without high-conductivity inserts for self-cooling	Constructal, Self-Cooling, High-Conductivity, Conduction, Inverted Fins.	34, Sp. 1, S37-S42	10.18280/ijht.34Sp0105	Cetkin E. (2016). Constructal structures with and without high-conductivity inserts for self-cooling, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S37-S42. DOI: 10.18280/ijht.34Sp0105
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168	Dogaru V.	The expanding of constructal law in economics – a justification for crossed flows of similar macro goods	Trade Flow Irreversibility, Comparative Advantage as Chemical Economic Reaction, Manolescu Generalised Scheme, Economics, Constructal Law.	34, Sp. 1, S59-S74	10.18280/ijht.34Sp0108	Dogaru V. (2016). The expanding of constructal law in economics – a justification for crossed flows of similar macro goods, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S59-S74. DOI: 10.18280/ijht.34Sp0108
169	Zhang J., Lou X.D., Guo L.Z.	Universal patterns and constructal law in open flow networks	Open Flow Network, Allometric Law, Dissipation, Constructal Law.	34, Sp. 1, S75-S82	10.18280/ijht.34Sp0109	Zhang J., Lou X.D., Guo L.Z. (2016). Universal patterns and constructal law in open flow networks, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S75-S82. DOI: 10.18280/ijht.34Sp0109
170	Giannetti N., Rocchetti A., Saito K.	Thermodynamic optimization of three-thermal irreversible systems	Three-Thermal Systems, Irreversibility, Thermodynamic Optimization, Efficiency Improvement, Dimensionless Parameters.	34, Sp. 1, S83-S90	10.18280/ijht.34Sp0110	Giannetti N., Rocchetti A., Saito K. (2016). Thermodynamic optimization of three-thermal irreversible systems, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S83-S90. DOI: 10.18280/ijht.34Sp0110
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172	Lucia U., Buzzi P., Grazzini G.	Irreversibility in river flow	Entropy, Environment, Flood, Irreversibility, River.	34, Sp. 1, S95-S100	10.18280/ijht.34Sp0112	Lucia U., Buzzi P., Grazzini G. (2016). Irreversibility in river flow, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S95-S100. DOI: 10.18280/ijht.34Sp0112

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175	Morega A.M., Popac M., Morega M., Pislaru-Dănescu L.	Shape and structure optimization of a magnetostrictive cored actuator	Magnetostriction, Shape, Constructal, Numerical Modeling.	34, Sp. 1, S119-S124	10.18280/ijht.34Sp0115	Morega A.M., Popac M., Morega M., Pislaru-Dănescu L. (2016). Shape and structure optimization of a magnetostrictive cored actuator, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S119-S124. DOI: 10.18280/ijht.34Sp0115
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177	Rehwinkel A.	Corporate financial risk analysis according to the constructal law: exploring the composition of liabilities to assets	Constructal Law, Financial Risk, Golden Ratio, Liabilities to Assets.	34, Sp. 1, S133-S140	10.18280/ijht.34Sp0117	Rehwinkel A. (2016). Corporate financial risk analysis according to the constructal law: exploring the composition of liabilities to assets, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S133-S140. DOI: 10.18280/ijht.34Sp0117
178	Reini M.	Constructal law & thermoeconomics	Thermoeconomics, Constructal Law, Exergy Cost, Recycling.	34, Sp. 1, S141-S146	10.18280/ijht.34Sp0118	Reini M. (2016). Constructal law & thermoeconomics, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S141-S146. DOI: 10.18280/ijht.34Sp0118
179	Reis A.H.	Ad-hoc principles of “minimum energy expenditure” as corollaries of the constructal law. The cases of river basins and human vascular systems	Flow Systems, Ad-Hoc Principles, Entropy Production Rate, Energy Expenditure, Constructal Law.	34, Sp. 1, S147-S150	10.18280/ijht.34Sp0119	Reis A.H. (2016). Ad-hoc principles of “minimum energy expenditure” as corollaries of the constructal law. The cases of river basins and human vascular systems, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S147-S150. DOI: 10.18280/ijht.34Sp0119
180	Stanescu G., Riso M.	Optimization of continuous mixed-flow grain dryers by constructal theory	Grain Drying, Constructal Theory, Energy Efficiency.	34, Sp. 1, S151-S160	10.18280/ijht.34Sp0120	Stanescu G., Riso M. (2016). Optimization of continuous mixed-flow grain dryers by constructal theory, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S151-S160. DOI: 10.18280/ijht.34Sp0120
181	Tracada E.	Biophilic urban developments following dynamic flows of tree-shaped architectures	Biophilic Design, Human Behaviour, Thermodynamics, Constructal Law, Healthy Cities.	34, Sp. 1, S161-S166	10.18280/ijht.34Sp0121	Tracada E. (2016). Biophilic urban developments following dynamic flows of tree-shaped architectures, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S161-S166. DOI: 10.18280/ijht.34Sp0121
182	Adewumi O.O., Bello-Ochende T., Meyer J.P.	Constructal design of single microchannel heat sink with varying axial length and temperature-dependent fluid properties	Forced Convection, Minimised Peak Temperature, Minimised Thermal Resistance, Microchannel, Aspect Ratio.	34, Sp. 1, S167-S172	10.18280/ijht.34Sp0122	Adewumi O.O., Bello-Ochende T., Meyer J.P. (2016). Constructal design of single microchannel heat sink with varying axial length and temperature-dependent fluid properties, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S167-S172. DOI: 10.18280/ijht.34Sp0122
183	Yenigün O., Çetkin E.	Constructal tree-shaped designs for self-cooling	Constructal Law, Self-Cooling, Vascular, Radial, Tree-Shaped.	34, Sp. 1, S173-S178	10.18280/ijht.34Sp0123	Yenigün O., Çetkin E. (2016). Constructal tree-shaped designs for self-cooling, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S173-S178. DOI: 10.18280/ijht.34Sp0123
184	Orndorff C., Dai W.Z.	Numerical hyperthermia simulation for a 3-D triple-layered skin structure with embedded vascular countercurrent network and nanoparticles	Constructal Law, Skin Living Tissue, Finite-Difference Method, Hyperthermia, Bioheat Transfer	34, Sp. 1, S179-S184	10.18280/ijht.34Sp0124	Orndorff C., Dai W.Z. (2016). Numerical hyperthermia simulation for a 3-D triple-layered skin structure with embedded vascular countercurrent network and nanoparticles, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S179-S184. DOI: 10.18280/ijht.34Sp0124

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186	Bouchoucha A., Bessaïh R.	Natural convection and entropy generation of nanofluids in a square cavity	Natural Convection, Nanofluids, Cavity, Entropy Generation.	33, 4, 1-10	10.18280/ijht.330401	Bouchoucha A., Bessaïh R. (2015). Natural convection and entropy generation of nanofluids in a square cavity, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 1-10. DOI: 10.18280/ijht.330401
187	Ghernaout B., Bouabdallah S., Teggat M., Benniche H.	Double diffusive natural convection in binary mixture under the effect of external magnetic field: steady and oscillatory state	Buoyancy Ratio, Critical Value, Double Diffusive Convection, Magnetic Field, Oscillatory Flows.	33, 4, 11-18	10.18280/ijht.330402	Ghernaout B., Bouabdallah S., Teggat M., Benniche H. (2015). Double diffusive natural convection in binary mixture under the effect of external magnetic field: steady and oscillatory state, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 11-18. DOI: 10.18280/ijht.330402
188	Sun W.Q., Shao J., He A.R., Zhao H.S., Zhou J.	Research on residual stress quantitative reduction in laminar cooling on hot strip mill	Hot Rolling, Laminar Cooling, Multi-Field Coupling, FEM, Residual Stress.	33, 4, 19-24	10.18280/ijht.330403	Sun W.Q., Shao J., He A.R., Zhao H.S., Zhou J. (2015). Research on residual stress quantitative reduction in laminar cooling on hot strip mill, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 19-24. DOI: 10.18280/ijht.330403
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190	Li G.R., Ge Y.F., Zheng Y., Xue X.Q.	The research of stress theoretical analysis and structural parameters of sprayer fluid of rotating conical abrasive jet	Rotating, Conical, Stress, Trajectory.	33, 4, 33-40	10.18280/ijht.330405	Li G.R., Ge Y.F., Zheng Y., Xue X.Q. (2015). The research of stress theoretical analysis and structural parameters of sprayer fluid of rotating conical abrasive jet, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 33-40. DOI: 10.18280/ijht.330405
191	Mazzeo D., Matera D., Bevilacqua P., Arcuri N.	Energy and economic analysis of solar photovoltaic plants located at the University of Calabria	Flat-Plate Photovoltaic, Concentrating Photovoltaic, Siegel Method, TRNSYS, Economic Analysis.	33, 4, 41-50	10.18280/ijht.330406	Mazzeo D., Matera D., Bevilacqua P., Arcuri N. (2015). Energy and economic analysis of solar photovoltaic plants located at the University of Calabria, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 41-50. DOI: 10.18280/ijht.330406
192	Zheng G.L., Zhang L., Zhuan X.T., Shang X.D.	A measuring method for three-dimensional turbulent velocities based on vector decomposition and synthesis	Three-Dimensional Turbulence Velocity, Vector Decomposition and Synthesis, Piezoresistance, Laser Doppler Velocimeter (LDV).	33, 4, 51-60	10.18280/ijht.330407	Zheng G.L., Zhang L., Zhuan X.T., Shang X.D. (2015). A measuring method for three-dimensional turbulent velocities based on vector decomposition and synthesis, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 51-60. DOI: 10.18280/ijht.330407
193	Casano G., Piva S.	Parametric analysis of a PCM energy storage system	PCM, Electronic Cooling, Parametric Analysis.	33, 4, 61-68	10.18280/ijht.330408	Casano G., Piva S. (2015). Parametric analysis of a PCM energy storage system, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 61-68. DOI: 10.18280/ijht.330408
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195	Zeghibid I., Bessaïh R.	Mixed convection in lid-driven cavities filled with a nanofluid	Mixed Convection, Cavities, Nanofluid.	33, 4, 77-84	10.18280/ijht.330410	Zeghibid I., Bessaïh R. (2015). Mixed convection in lid-driven cavities filled with a nanofluid, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 77-84. DOI: 10.18280/ijht.330410
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199	Genco A., Viggiano A., Rospi G., Cardinale N., Magi V.	Dynamic modeling and simulation of buildings energy performance based on different climatic conditions	Dynamic Simulation, Energy Performance, School Building, TRNSYS Model, Trigeneneration.	33, 4, 107-116	10.18280/ijht.330414	Genco A., Viggiano A., Rospi G., Cardinale N., Magi V. (2015). Dynamic modeling and simulation of buildings energy performance based on different climatic conditions, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 107-116. DOI: 10.18280/ijht.330414
200	Fanhui Zeng F.H., Long C., Guo J.C.	A novel unsteady model of predicting the productivity of multi-fractured horizontal wells	Fractured Horizontal Well, Transient State, Point Source Function, Superposition, Flow Distribution.	33, 4, 117-124	10.18280/ijht.330415	Fanhui Zeng F.H., Long C., Guo J.C. (2015). A novel unsteady model of predicting the productivity of multi-fractured horizontal wells, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 117-124. DOI: 10.18280/ijht.330415
201	Cucumo M., Ferraro V., Kaliakatsos D., Mele M.	Analysis of the performances of a dish-stirling system equipped with hot chamber	Dish-Stirling, Hot Chamber, Thermal-Electric Performance.	33, 4, 125-136	10.18280/ijht.330416	Cucumo M., Ferraro V., Kaliakatsos D., Mele M. (2015). Analysis of the performances of a dish-stirling system equipped with hot chamber, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 125-136. DOI: 10.18280/ijht.330416
202	Li S., Liu D.W., Li Q.	The optimal design of a wind tunnel model sting system based on the CFD method	Sting System, CFD, Wind Tunnel, Single Sting, Blade Support.	33, 4, 137-144	10.18280/ijht.330417	Li S., Liu D.W., Li Q. (2015). The optimal design of a wind tunnel model sting system based on the CFD method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 137-144. DOI: 10.18280/ijht.330417
203	Gagliano A., Nocera F., Patania F., Detommaso M., Bruno M.	Evaluation of the performance of a small biomass gasifier and micro-CHP plant for agro-industrial firms	Biomass, CHP, Energy Performance.	33, 4, 145-154	10.18280/ijht.330418	Gagliano A., Nocera F., Patania F., Detommaso M., Bruno M. (2015). Evaluation of the performance of a small biomass gasifier and micro-CHP plant for agro-industrial firms, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 145-154. DOI: 10.18280/ijht.330418
204	Mahboodi Z., Nemati H.	Experimental analysis of inclined heat pipe thermal resistance	Heat Pipe, Thermosyphon, Thermal Resistance, Filling Ratio, Inclination Angle.	33, 4, 155-160	10.18280/ijht.330419	Mahboodi Z., Nemati H. (2015). Experimental analysis of inclined heat pipe thermal resistance, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 155-160. DOI: 10.18280/ijht.330419
205	Zhang Q., Zhang M.L., Zhou Z.H., Liao R.Q., Feng J., Liu X.	Numerical simulation for ball passing capacity in coiled tubing	Coiled Tubing, Ball-off, Stuck, Passing Capacity, Numerical Simulation.	33, 4, 161-166	10.18280/ijht.330420	Zhang Q., Zhang M.L., Zhou Z.H., Liao R.Q., Feng J., Liu X. (2015). Numerical simulation for ball passing capacity in coiled tubing, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 161-166. DOI: 10.18280/ijht.330420
206	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G.	Evaluation on the convenience of a citizen service district heating for residential use. A new scenario introduced by high efficiency energy systems	Environmental Sustainability, High Efficiency Systems, District Heating.	33, 4, 167-172	10.18280/ijht.330421	Cannistraro G., Cannistraro M., Cannistraro A., Galvagno A., Trovato G. (2015). Evaluation on the convenience of a citizen service district heating for residential use. A new scenario introduced by high efficiency energy systems, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 167-172. DOI: 10.18280/ijht.330421
207	Guo H.T., Li G.S., Chen D.H., Lu B.	Numerical simulation research on the transonic aeroelasticity of a high-aspect-ratio wing	CFD/CSD, Static Aeroelasticity, Numerical Simulation, High-aspect-ratio Wing, Transonic Speed.	33, 4, 173-180	10.18280/ijht.330422	Guo H.T., Li G.S., Chen D.H., Lu B. (2015). Numerical simulation research on the transonic aeroelasticity of a high-aspect-ratio wing, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 173-180. DOI: 10.18280/ijht.330422
208	Fichera A., Fortuna L., Frasca M., Volpe R.	Integration of complex networks for urban energy mapping	Energy Mapping, Complex Networks, Cities, Climate Change.	33, 4, 181-184	10.18280/ijht.330423	Fichera A., Fortuna L., Frasca M., Volpe R. (2015). Integration of complex networks for urban energy mapping, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 181-184. DOI: 10.18280/ijht.330423

209	Liang C.H., He Z., Yang Y.W., Zeng S.	Experimental study on thermal performance of pulsating heat pipe with ethanol-acetone mixtures	Pulsating Heat Pipe, Mixed Refrigerant, Thermal Performance.	33, 4, 185-190	10.18280/ijht.330424	Liang C.H., He Z., Yang Y.W., Zeng S. (2015). Experimental study on thermal performance of pulsating heat pipe with ethanol-acetone mixtures, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 185-190. DOI: 10.18280/ijht.330424
210	Osman A.M., Duwairi H.M.	Forchheimer, non-Boussinesq natural convection in porous media filled enclosure	Non-Boussinesq, Natural Convection, Temperature of 4 °C.	33, 4, 191-196	10.18280/ijht.330425	Osman A.M., Duwairi H.M. (2015). Forchheimer, non-Boussinesq natural convection in porous media filled enclosure, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 191-196. DOI: 10.18280/ijht.330425
211	Liu L.L., Wan C.L., Li K.K.	CFD simulation and structure optimization of the hot-air drying oven of a gravure printing machine	CFD Model, Fluid Analysis, Gravure Press, Hot Air Drying, Structure Optimization.	33, 4, 197-202	10.18280/ijht.330426	Liu L.L., Wan C.L., Li K.K. (2015). CFD simulation and structure optimization of the hot-air drying oven of a gravure printing machine, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 197-202. DOI: 10.18280/ijht.330426
212	Evola G., Le Pierrès Z., Marletta L.G.	Simulation of a low capacity absorption cooling system for indoor air-conditioning	Absorption Chiller, Solar Cooling, Primary Energy Consumption, Control Logic.	33, 4, 203-210	10.18280/ijht.330427	Evola G., Le Pierrès Z., Marletta L.G. (2015). Simulation of a low capacity absorption cooling system for indoor air-conditioning, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 203-210. DOI: 10.18280/ijht.330427
213	Sebbar Y.Y.	Experimental study of convective heat flow through a large opening in a partitioned enclosure	Convective Heat Through an Opening, Convection in Partitioned Enclosure, Calorimetric Chamber.	33, 4, 211-216	10.18280/ijht.330428	Sebbar Y.Y. (2015). Experimental study of convective heat flow through a large opening in a partitioned enclosure, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 211-216. DOI: 10.18280/ijht.330428
214	Shi M.Y., Chen J.P., Sun D.Y., Cao C.	Hazard assessment of debris flows based on the catastrophe progression method: a case study from the Wudongde Dam site	Debris Flow, Hazard Assessment, Catastrophe Progression Method, 3S Technologies.	33, 4, 217-220	10.18280/ijht.330429	Shi M.Y., Chen J.P., Sun D.Y., Cao C. (2015). Hazard assessment of debris flows based on the catastrophe progression method: a case study from the Wudongde Dam site, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 217-220. DOI: 10.18280/ijht.330429
215	Arapatsakos C., Karkanis A., Anastasiadou C.	The load and the gas emissions measurement of outboard engine	Outboard Engine, Gas Emissions, Output Load, Pollutant Emissions, Measurement Standard.	33, 4, 221-228	10.18280/ijht.330430	Arapatsakos C., Karkanis A., Anastasiadou C. (2015). The load and the gas emissions measurement of outboard engine, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 221-228. DOI: 10.18280/ijht.330430
216	Semache A., Hamidat A., Benchatti A.	Impact study of the solar energy on the energy performances of the rural housing in Algeria	HEQ Building, Energy Efficiency Measures, Energy Needs, Optimization, Photovoltaic Solar Energy.	33, 4, 229-236	10.18280/ijht.330431	Semache A., Hamidat A., Benchatti A. (2015). Impact study of the solar energy on the energy performances of the rural housing in Algeria, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 229-236. DOI: 10.18280/ijht.330431
217	Li M.X., Liao R.Q., Li J.L., Luo W., Ke W.Q.	Parameter sensitivity analysis of gas-lift well unloading processes	Gas-Lift, Unloading, OLGA, Simulation, Parameter Sensitivity Analysis.	33, 4, 237-245	10.18280/ijht.330432	Li M.X., Liao R.Q., Li J.L., Luo W., Ke W.Q. (2015). Parameter sensitivity analysis of gas-lift well unloading processes, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 237-245. DOI: 10.18280/ijht.330432
218	Cirillo L., Di Ronza D., Fardella V., Manca O., Nardini S.	Numerical and experimental investigations on a solar chimney integrated in a building facade	Solar, CFD, Chimney, Nusselt Number, Heat Transfer.	33, 4, 246-254	10.18280/ijht.330433	Cirillo L., Di Ronza D., Fardella V., Manca O., Nardini S. (2015). Numerical and experimental investigations on a solar chimney integrated in a building facade, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 246-254. DOI: 10.18280/ijht.330433
219	Huang X.H., Wang C.M., Wang T.Z., Zhang Z.M.	Quantification of geological strength index based on discontinuity volume density of rock masses	Geological Strength Index, Hoek-Brown Criterion, Volume Density, Rock Weathering Degree Curing.	33, 4, 255-261	10.18280/ijht.330434	Huang X.H., Wang C.M., Wang T.Z., Zhang Z.M. (2016). Quantification of geological strength index based on discontinuity volume density of rock masses, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 255-261. DOI: 10.18280/ijht.330434
220	Zhang W., Shi L., Du X.Z., Yang Y.P.	Numerical research on a direct air-cooled condenser with a floccule-proof screen in a power plant	Direct Air Cooled Condenser, Floccule-Proof Screen, Numerical Simulation, Porosity, Optimal Design.	33, 4, 262-270	10.18280/ijht.330435	Zhang W., Shi L., Du X.Z., Yang Y.P. (2015). Numerical research on a direct air-cooled condenser with a floccule-proof screen in a power plant, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 4, pp. 262-270. DOI: 10.18280/ijht.330435

221	De Angelis A., Medici M., Saro O., Lorenzini G.	Evaluation of evaporative cooling systems in industrial buildings	Direct and Indirect Evaporative Cooling, Air Conditioning, Thermal Comfort, Industrial Building, Saving Energy.	33, 3, 1-10	10.18280/ijht.330301	De Angelis A., Medici M., Saro O., Lorenzini G. (2015). Evaluation of evaporative cooling systems in industrial buildings, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 1-10. DOI: 10.18280/ijht.330301
222	Wang H.Y., Cheng Y.F., Bo Y.	Adsorption effect of overlying strata on carbon dioxide in coalfield fire area	Coal Fire, Carbon Dioxide, Adsorption Effect, Rock (Soil).	33, 3, 11-18	10.18280/ijht.330302	Wang H.Y., Cheng Y.F., Bo Y. (2015). Adsorption effect of overlying strata on carbon dioxide in coalfield fire area, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 11-18. DOI: 10.18280/ijht.330302
223	Liu D.W., Chen D.H., Li Q., Xu X., Peng X.	Investigation on the correlation of CFD and EFD results for a supercritical wing	Correlation, CFD, EFD, Supercritical Wing, Grid Convergence, Turbulence Model Parameters, Optimization.	33, 3, 19-26	10.18280/ijht.330303	Liu D.W., Chen D.H., Li Q., Xu X., Peng X. (2015). Investigation on the correlation of CFD and EFD results for a supercritical wing, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 19-26. DOI: 10.18280/ijht.330303
224	Oumrani N., Aouissi M., Bounif A., Yssaad B., Tabet F.H., Gokalp I.	A first- and second-order turbulence models in hydrogen non-premixed flame	Hydrogen, Modelling, Fluid Mechanics, Simulation, Jet, Variable Density, CFD, RANS.	33, 3, 27-34	10.18280/ijht.330304	Oumrani N., Aouissi M., Bounif A., Yssaad B., Tabet F.H., Gokalp I. (2015). A first- and second-order turbulence models in hydrogen non-premixed flame, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 27-34. DOI: 10.18280/ijht.330304
225	Cheng H.Y., Hu Z.Y., Jia L.	Response surface methodology of foamed bitumen expansion ratio	Bitumen Foaming, Response Surface Methodology, Key Parameters, Optimization Design.	33, 3, 35-42	10.18280/ijht.330305	Cheng H.Y., Hu Z.Y., Jia L. (2015). Response surface methodology of foamed bitumen expansion ratio, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 35-43. DOI: 10.18280/ijht.330305
226	Hassan A.R., Gbadeyan J.A.	A reactive hydromagnetic internal heat generating fluid flow through a channel	Heat Generation, Arrhenius Kinetics, Entropy Generation, Hydromagnetic Fluid.	33, 3, 43-50	10.18280/ijht.330306	Hassan A.R., Gbadeyan J.A. (2015). A reactive hydromagnetic internal heat generating fluid flow through a channel, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 43-50. DOI: 10.18280/ijht.330306
227	Li Y., Li Y.X., Yang M.S., Yuan Q.L., Cui F.K.	Analyzing the thermal mechanical coupling of 40Cr cold roll-beating forming process based on the Johnson-cook dynamic constitutive equation	Cold Roll-Beating, Thermal Mechanical Coupling, Johnson-Cook Constitutive Equation.	33, 3, 51-58	10.18280/ijht.330307	Li Y., Li Y.X., Yang M.S., Yuan Q.L., Cui F.K. (2015). Analyzing the thermal mechanical coupling of 40Cr cold roll-beating forming process based on the Johnson-cook dynamic constitutive equation, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 51-58. DOI: 10.18280/ijht.330307
228	Zhan N.Y., Xu Y., Wang Z.Y.	Research on heat-transfer and three-dimensional characteristics of natural convection in a small cavity with heat sources	Small Cavity, Heat Sources, Mechanism, Three-Dimensional Characteristics.	33, 3, 59-66	10.18280/ijht.330308	Zhan N.Y., Xu Y., Wang Z.Y. (2015). Research on heat-transfer and three-dimensional characteristics of natural convection in a small cavity with heat sources, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 59-66. DOI: 10.18280/ijht.330308
229	Wang C., Qin H.D., Shi Z.Q., Li J.X.	Research on calculation method of thermal field of large LNG-FSRU under ultra-low temperature	Double Hull Double Row Tank Structure, Simplified Analytical Method, Finite Element Numerical Method, Steady Thermal Field.	33, 3, 67-72	10.18280/ijht.330309	Wang C., Qin H.D., Shi Z.Q., Li J.X. (2015). Research on calculation method of thermal field of large LNG-FSRU under ultra-low temperature, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 67-72. DOI: 10.18280/ijht.330309
230	Thakur P.M., Hazarika G.C.	Effects of variable viscosity and thermal conductivity on the MHD flow of micropolar fluid past an accelerated infinite vertical insulated plate	Micropolar Fluid, Variable Viscosity And Thermal Conductivity, Mass Transfer, MHD Flow.	33, 3, 73-78	10.18280/ijht.330310	Thakur P.M., Hazarika G.C. (2015). Effects of variable viscosity and thermal conductivity on the MHD flow of micropolar fluid past an accelerated infinite vertical insulated plate, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 73-78. DOI: 10.18280/ijht.330310
231	Salman B.H., Mohammed H.A., Kherbee A.SH., Ahmed H.E.	The effect of geometrical parameters on enhancing the heat transfer inside a microtube	Numerical Modelling, Nanofluids, Microtube, Heat Transfer Enhancement.	33, 3, 79-84	10.18280/ijht.330311	Salman B.H., Mohammed H.A., Kherbee A.SH., Ahmed H.E. (2015). The effect of geometrical parameters on enhancing the heat transfer inside a microtube, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 79-84. DOI: 10.18280/ijht.330311
232	Xu J.M., Zhou S.T., Li K.S.	Analysis of flow field and pressure loss for fork truck muffler based on the finite volume method	Complex Muffler, Velocity Field, Pressure Field, Structure Improvement.	33, 3, 85-90	10.18280/ijht.330312	Xu J.M., Zhou S.T., Li K.S. (2015). Analysis of flow field and pressure loss for fork truck muffler based on the finite volume method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 85-90. DOI: 10.18280/ijht.330312

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234	Labeled A., Moumimi N., Benchabane A., Zellouf M.	Experimental analysis of heat transfer in the flow channel duct of solar air heaters	Solar Air Heaters, Thermal Efficiency, Convective Heat Transfer Coefficient, Nusselt. (SAHs)	33, 3, 97-102	10.18280/ijht.330314	Labeled A., Moumimi N., Benchabane A., Zellouf M. (2015). Experimental analysis of heat transfer in the flow channel duct of solar air heaters, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 97 -102. DOI: 10.18280/ijht.330314
235	Singh K., Banyal A.S.	Effect of wave number on the onset of instability in couple-stress fluid and its characterization in the presence of rotation	Thermal Convection, Couple-Stress Fluid, Rotation, PES, Taylor Number.	33, 3, 103-108	10.18280/ijht.330315	Singh K., Banyal A.S. (2015). Effect of wave number on the onset of instability in couple-stress fluid and its characterization in the presence of rotation, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 103-108. DOI: 10.18280/ijht.330315
236	Al-Ameen A., Duwairi H.M.	Stability of horizontal porous layer heated from below using Forchheimer's model	Stability, Natural Convection, Porous Media.	33, 3, 109-114	10.18280/ijht.330316	Al-Ameen A., Duwairi H.M. (2015). Stability of horizontal porous layer heated from below using Forchheimer's model, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 109-114. DOI: 10.18280/ijht.330316
237	Lei S.W., Zhang J.M., Zhao X.K., Dong Q.P.	Study of the factors influencing microstructure transformation in the billet casting process	Microstructure Transfer, CET Model, Slice Model, Heat Transfer.	33, 3, 115-120	10.18280/ijht.330317	Lei S.W., Zhang J.M., Zhao X.K., Dong Q.P. (2015). Study of the factors influencing microstructure transformation in the billet casting process, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 115-120. DOI: 10.18280/ijht.330317
238	Alkhazaleh A., Duwairi H.	Analysis of mechanical system ventilation performance in an atrium by consolidated model of fire and smoke transport simulation	Consolidated Model, Fire and Smoke Transport, Mechanical Ventilation System, Building Atria.	33, 3, 121-126	10.18280/ijht.330318	Alkhazaleh A., Duwairi H. (2015). Analysis of mechanical system ventilation performance in an atrium by consolidated model of fire and smoke transport simulation, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 121-126. DOI: 10.18280/ijht.330318
239	Zhang S.X., Zhang L., Qi Q.L., Li Q., Shi P.Z.	Numerical simulation of the characteristics of debris flow from a tailing pond dam break	Tailing Pond, Dam Break, Debris Flow, Numerical Simulation.	33, 3, 127-132	10.18280/ijht.330319	Zhang S.X., Zhang L., Qi Q.L., Li Q., Shi P.Z. (2015). Numerical simulation of the characteristics of debris flow from a tailing pond dam break, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 127-132. DOI: 10.18280/ijht.330319
240	Yao S.G., Lei L., Deng J.W., Lu S., Zhang W.	Heat transfer mechanism in porous copper foam wick heat pipes using nanofluids	Heat Pipe, Nanofluids, Porous Copper Foam, Heat Transfer.	33, 3, 133-138	10.18280/ijht.330320	Yao S.G., Lei L., Deng J.W., Lu S., Zhang W. (2015). Heat transfer mechanism in porous copper foam wick heat pipes using nanofluids, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 133-138. DOI: 10.18280/ijht.330320
241	Seth G.S., Tripathi R., Sharma R.	Natural convection flow past an exponentially accelerated vertical ramped temperature plate with hall effects and heat absorption	Unsteady MHD Natural Convection, Hall Current, Ramped Temperature, Heat Absorbing Fluid, Exponentially Accelerated Plate.	33, 3, 139-144	10.18280/ijht.330321	Seth G.S., Tripathi R., Sharma R. (2015). Natural convection flow past an exponentially accelerated vertical ramped temperature plate with hall effects and heat absorption, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 139-144. DOI: 10.18280/ijht.330321
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244	Sivakumar K., Rajan K.	Experimental analysis of heat transfer enhancement in a circular tube with different twist ratio of twisted tape inserts	Heat Transfer, Twisted Tape, Computational Fluid Dynamics.	33, 3, 158-162	10.18280/ijht.330324	Sivakumar K., Rajan K. (2015). Experimental analysis of heat transfer enhancement in a circular tube with different twist ratio of twisted tape inserts, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 3, pp. 158-162. DOI: 10.18280/ijht.330324

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247	Nasrin R., Alim M.A.	Thermal performance of nanofluid filled solar flat plate collector	Thermal Performance, Flat Plate Solar Collector, Finite Element Method, Water-Cu Nanofluid, Solar Irradiation.	33, 2, 17-24	10.18280/ijht.330203	Nasrin R., Alim M. A. (2015). Thermal performance of nanofluid filled solar flat plate collector, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 17-24. DOI: 10.18280/ijht.330203
248	Zhou D.Y.	Simulation study of cylindrical automobile exhaust thermoelectric generator system	Simulation Study, Cylindrical Thermoelectric Generation, Automobile Exhaust, Heat Transfer Characteristics.	33, 2, 25-30	10.18280/ijht.330204	Zhou D.Y. (2015). Simulation study of cylindrical automobile exhaust thermoelectric generator system, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 25-30. DOI: 10.18280/ijht.330204
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251	Shao J., Qiu Z.S., Huang B., Sun W.Q., He A.R.	Influence of strip transverse temperature deviation in hot rolling based on two dimension alternating difference	Alternating Difference, Boundary Condition, Energy Conservation, Hot Strip Mill, Transverse Temperature Deviation.	33, 2, 45-50	10.18280/ijht.330207	Shao J., Qiu Z.S., Huang B., Sun W.Q., He A.R. (2015). Influence of strip transverse temperature deviation in hot rolling based on two dimension alternating difference, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 45-50. DOI: 10.18280/ijht.330207
252	Corvaro F., Nardini G., Paroncini M., Vitali R.	Piv and numerical analysis of natural convective heat transfer and fluid flow in a square cavity with two vertical obstacles	Particle Image Velocimetry, Natural Convection, Vertical Obstacles, Square Cavity, Fluid Flow.	33, 2, 51-56	10.18280/ijht.330208	Corvaro F., Nardini G., Paroncini M., Vitali R. (2015). Piv and numerical analysis of natural convective heat transfer and fluid flow in a square cavity with two vertical obstacles, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 51-56. DOI: 10.18280/ijht.330208
253	Wu S.T., Wu G.X.	Preparation and characterization of Fe ₂ O ₃ micro-nano materials	Micro-Nano Fe ₂ O ₃ , Hydrothermal Method, Preparation, Characterization.	33, 2, 57-62	10.18280/ijht.330209	Wu S.T., Wu G.X. (2015). Preparation and characterization of Fe ₂ O ₃ micro-nano materials, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 57-62. DOI: 10.18280/ijht.330209
254	Chen J., Zheng Y., Li Y., Yan J.	Influence on deposition of the three gorges reservoir caused by the reservoirs built upstream	Deposition, Navigation, The Three Gorges Reservoir, The Reservoirs Built Upstream.	33, 2, 63-68	10.18280/ijht.330210	Chen J., Zheng Y., Li Y., Yan J. (2015). Influence on deposition of the three gorges reservoir caused by the reservoirs built upstream, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 63-68. DOI: 10.18280/ijht.330210
255	Loganathan P., Sivapoomapriya C.	Unsteady heat and mass transfer effects on an impulsively started infinite vertical plate in the presence of porous medium	Unsteady, Infinite, Vertical Plate, Porous Medium.	33, 2, 69-74	10.18280/ijht.330211	Loganathan P., Sivapoomapriya C. (2015). Unsteady heat and mass transfer effects on an impulsively started infinite vertical plate in the presence of porous medium, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 69-74. DOI: 10.18280/ijht.330211

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257	Cannistraro G., Cannistraro M., Restivo R.	Some observations on the radiative exchanges influence on thermal comfort in rectangular open-space environments	Comfort Temperature and Humidity, Radiative Exchanges, Open-Space Environments, ISO7726, T_{mr} , PMV, PPD.	33, 2, 79-84	10.18280/ijht.330213	Cannistraro G., Cannistraro M., Restivo R. (2015). Some observations on the radiative exchanges influence on thermal comfort in rectangular open-space environments, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 79-84. DOI: 10.18280/ijht.330213
258	Cao Y.H., Cui X.M.	Natural convection of power law fluids in porous media with variable thermal and mass diffusivity	Power Law Fluids, Natural Convection, Shooting Method, Variable Thermal Diffusivity, Variable Mass Diffusivity.	33, 2, 85-90	10.18280/ijht.330214	Cao Y.H., Cui X.M. (2015). Natural convection of power law fluids in porous media with variable thermal and mass diffusivity, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 85-90. DOI: 10.18280/ijht.330214
259	Xu C.D., Zhang H.Y., Zhang X.Q., Han L.W., Wang R.R., Wen Q.Y., Ding L.Y.	Numerical simulation of the impact of unit commitment optimization and divergence angle on the flow pattern of forebay	High-Lift Pumping Station, Front Inflow Forebay, Three-Dimensional Flow Pattern, Numerical.	33, 2, 91-96	10.18280/ijht.330215	Xu C.D., Zhang H.Y., Zhang X.Q., Han L.W., Wang R.R., Wen Q.Y., Ding L.Y. (2015). Numerical simulation of the impact of unit commitment optimization and divergence angle on the flow pattern of forebay, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 91-96. DOI: 10.18280/ijht.330215
260	Al-khliefat V.M., Duwairi H.M.	Darcian velocity and temperature jump effects on convection from vertical surface embedded in porous media	Darcian Velocity, Temperature Jump, Convection, Porous Media.	33, 2, 97-102	10.18280/ijht.330216	Al-khliefat V.M., Duwairi H. M. (2015). Darcian velocity and temperature jump effects on convection from vertical surface embedded in porous media, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 97-102. DOI: 10.18280/ijht.330216
261	Yao S.G., Jia X.W., Hu A.J., Li R.J.	Analysis of nanofluids phase transition in pipe using the Lattice Boltzmann method	Nanofluids, Lattice Boltzmann Method, Phase Transition, Flow Pattern Maps.	33, 2, 103-108	10.18280/ijht.330217	Yao S.G., Jia X.W., Hu A.J., Li R.J. (2015). Analysis of nanofluids phase transition in pipe using the Lattice Boltzmann method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 103-108. DOI: 10.18280/ijht.330217
262	Yin H., Sun D., Li X.Y., Huan P.	Airflow simulation of linear grating lithography workshop	Lithography, CFD, Velocity Field, Temperature Field.	33, 2, 109-114	10.18280/ijht.330218	Yin H., Sun D., Li X.Y., Huan P. (2015). Airflow simulation of linear grating lithography workshop, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 109-114. DOI: 10.18280/ijht.330218
263	Alam M.S., Islam T., Rahman M. M.	Unsteady hydromagnetic forced convective heat transfer flow of a micropolar fluid along a porous wedge with convective surface boundary condition	Heat Transfer, Unsteady Wedge Flow, Micropolar Fluid, Convective Surface.	33, 2, 115-122	10.18280/ijht.330219	Alam M. S., Islam T., Rahman M. M. (2015). Unsteady hydromagnetic forced convective heat transfer flow of a micropolar fluid along a porous wedge with convective surface boundary condition, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp.115-122. DOI: 10.18280/ijht.330219
264	Li S., Zhang Y.D., Li Y., Liao R.Q.	Equilibrium calculation and technological parameters optimization of natural gas liquefaction process with mixed refrigerant	Natural Gas, Phase Equilibrium, Equation of State, Equilibrium Constant, Optimization Analysis.	33, 2, 123-128	10.18280/ijht.330220	Li S., Zhang Y.D., Li Y., Liao R.Q. (2015). Equilibrium calculation and technological parameters optimization of natural gas liquefaction process with mixed refrigerant, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 123-128. DOI: 10.18280/ijht.330220
265	Mahmoudi A., Mejri I.	Isothermal carbonization of wood particle: application of the Lattice Boltzmann method	Lattice Boltzmann Method, Carbonization, Wood Particle, Conduction, Planar Medium.	33, 2, 129-134	10.18280/ijht.330221	Mahmoudi A., Mejri I. (2015). Isothermal carbonization of wood particle: application of the Lattice Boltzmann method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 129-134. DOI: 10.18280/ijht.330221
266	Mathew A., Singho K.D.	Span-wise fluctuating MHD convective heat and mass transfer flow through porous medium in a vertical channel with thermal radiation and chemical reaction	Magnetohydrodynamic (MHD), Convective, Span-Wise Fluctuating, Viscoelastic, Porous Medium, Radiation.	33, 2, 135-142	10.18280/ijht.330222	Mathew A., Singho K.D. (2015). Span-wise fluctuating MHD convective heat and mass transfer flow through porous medium in a vertical channel with thermal radiation and chemical reaction, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 135-142. DOI: 10.18280/ijht.330222

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268	Lin T., Wu P., Gao F.G., Yu Y., Wang L.H.	Study on SVM temperature compensation of liquid ammonia volumetric flowmeter based on variable weight PSO	Temperature Compensation, Volumetric Flowmeter, SVM, Variable Weight, PSO.	33, 2, 151-156	10.18280/ijht.330224	Lin T., Wu P., Gao F.G., Yu Y., Wang L.H. (2015). Study on SVM temperature compensation of liquid ammonia volumetric flowmeter based on variable weight PSO, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 2, pp. 151-156. DOI: 10.18280/ijht.330224
269	Mahmoudi A., Mejri I.	Analysis of conduction-radiation heat transfer with variable thermal conductivity and variable refractive index: application of the Lattice Boltzmann method	Lattice Boltzmann Method, Conduction, Radiation, Planar Medium.	33, 1, 1-8	10.18280/ijht.330101	Mahmoudi A., Mejri I. (2015). Analysis of conduction-radiation heat transfer with variable thermal conductivity and variable refractive index: application of the Lattice Boltzmann method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 1-8. DOI: 10.18280/ijht.330101
270	Feng F.P., Ai C., Xu H.S., Cui Z.H., Gao C.L.	Research on the condition model of drilling fluid non-retention in eccentric annulus	Eccentric Annulus, Non-Retention, Retention Boundary, Displacement Interface, Flow Core.	33, 1, 9-16	10.18280/ijht.330102	Feng F.P., Ai C., Xu H.S., Cui Z.H., Gao C.L. (2015). Research on the condition model of drilling fluid non-retention in eccentric annulus, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 9-16. DOI: 10.18280/ijht.330102
271	Kumar B., Singh S.N.	Analytical studies on the hydraulic performance of chevron type plate heat exchanger	Plate Heat Exchanger, Maldistribution, Chevron, Flow Distribution, Pressure Drop, Process.	33, 1, 17-24	10.18280/ijht.330103	Kumar B., Singh S.N. (2015). Analytical studies on the hydraulic performance of chevron type plate heat exchanger, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp.17-24. DOI: 10.18280/ijht.330103
272	Yi Q.J., Tian M.C., Fang D.	CFD simulation of air-steam condensation on an isothermal vertical plate	Condensate, Heat Transfer, Non-Condensable Gas, Vertical Wall, Numerical Simulation.	33, 1, 25-32	10.18280/ijht.330104	Yi Q.J., Tian M.C., Fang D. (2015). CFD simulation of air-steam condensation on an isothermal vertical plate, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 25-32. DOI: 10.18280/ijht.330104
273	Kalla S., Marcoux H., De Champlain A.	CFD approach for modeling high and low combustion in a natural draft residential wood log stove	CFD, RANS, Turbulent Flows, Biomass, Combustion, Eddy Dissipation Concept, Emissions.	33, 1, 33-38	10.18280/ijht.330105	Kalla S., Marcoux H., De Champlain A. (2015). CFD approach for modeling high and low combustion in a natural draft residential wood log stove, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 33-38. DOI: 10.18280/ijht.330105
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275	Zhi Y., Min Q.F.	Hei river flood risk analysis based on coupling hydrodynamic simulation of 1-D and 2-D simulations	Flood Routing, Unstructured Grids, Coupling Simulation, Risk Analysis, Lateral Connection.	33, 1, 47-54	10.18280/ijht.330107	Zhi Y., Min Q.F. (2015). Hei river flood risk analysis based on coupling hydrodynamic simulation of 1-D and 2-D simulations, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 47-54. DOI: 10.18280/ijht.330107
276	Zhang Z.Y., Yang J.G.	The effect of face-air velocity distribution on heat transfer performance of air-cooled condensers	Air-Cooled Condenser, Face-Air Velocity, Heat Transfer, Thermal Performance, A-Frame Cell, Distributing Net.	33, 1, 55-62	10.18280/ijht.330108	Zhang Z.Y., Yang J.G. (2015). The effect of face-air velocity distribution on heat transfer performance of air-cooled condensers, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 55-62. DOI: 10.18280/ijht.330108
277	Nithyadevi N., Begum A.S., Shankar C.U.	Buoyancy and thermocapillary driven flows in an open cavity with bottom heating and symmetrical cooling from sides	Thermocapillary Flow, Open Cavity, Natural Convection, Finite Volume Method.	33, 1, 63-70	10.18280/ijht.330109	Nithyadevi N., Begum A.S., Shankar C.U. (2015). Buoyancy and thermocapillary driven flows in an open cavity with bottom heating and symmetrical cooling from sides, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 63-70. DOI: 10.18280/ijht.330109
278	Yao S.G., Jia X.W., Huang T., Duan L.B.	Numerical simulation of bubble motion in boiling nanofluids based on Lattice Boltzmann method	Nanofluids, Lattice Boltzmann Method, Departure Diameter, Heat Transfer.	33, 1, 71-76	10.18280/ijht.330110	Yao S.G., Jia X.W., Huang T., Duan L.B. (2015). Numerical simulation of bubble motion in boiling nanofluids based on Lattice Boltzmann method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 71-76. DOI: 10.18280/ijht.330110

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280	Rafiee S.E., Sadeghiyazad M.M.	3D numerical analysis on the effect of rounding off edge radius on thermal separation inside a vortex tube	Numerical Simulation, Vortex Tube, Rounding off Edge Radius, Pressure Drop, Cooling Efficiency.	33, 1, 83-90	10.18280/ijht.330112	Rafiee S.E., Sadeghiyazad M.M. (2015). 3D numerical analysis on the effect of rounding off edge radius on thermal separation inside a vortex tube, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 83-90. DOI: 10.18280/ijht.330112
281	Shao J., Sun W.Q., He A.R., Li B.	Research on the thermal calculation model of high strength aluminum strip rolling based on finite difference method	Cold Rolling, High Strength Aluminum, Deformation Power, Friction Power, Thermal Generation Calculation.	33, 1, 91-98	10.18280/ijht.330113	Shao J., Sun W.Q., He A.R., Li B. (2015). Research on the thermal calculation model of high strength aluminum strip rolling based on finite difference method, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 91-98. DOI: 10.18280/ijht.330113
282	Bounaouara H., Ettouati H., Ticha H.B., Mhimid A., Sautet J.C.	Numerical simulation of gas-particles two phase flow in pipe of complex geometry: pneumatic conveying of olive cake particles toward a dust burner	Pneumatic Conveying System, Two-Phase Flow, Pipe Bend, Eulerian-Lagrangian Model, Gas Particles Flow.	33, 1, 99-106	10.18280/ijht.330114	Bounaouara H., Ettouati H., Ticha H.B., Mhimid A., Sautet J.C. (2015). Numerical simulation of gas-particles two phase flow in pipe of complex geometry: pneumatic conveying of olive cake particles toward a dust burner, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 91-98. DOI: 10.18280/ijht.330114
283	Lv S.J., Feng M.Q.	Three-dimensional numerical simulation of flow in Daliushu reach of the yellow river	3D Turbulence Model, Finite Volume Method, Numerical Simulation, Daliushu Reach of the Yellow River.	33, 1, 107-114	10.18280/ijht.330115	Lv S.J., Feng M.Q. (2015). Three-dimensional numerical simulation of flow in Daliushu reach of the yellow river, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 107-114. DOI: 10.18280/ijht.330115
284	Cannistraro G., Cannistraro M., Restivo R.	The local media radiant temperature for the calculation of comfort in areas characterized by radiant surfaces	Thermo-Hygrometric Comfort, Radiative Exchanges, ISO7726 and ISO7730 Standards, T_{mr} , PMV, PPD.	33, 1, 115-122	10.18280/ijht.330116	Cannistraro G., Cannistraro M., Restivo R. (2015). The local media radiant temperature for the calculation of comfort in areas characterized by radiant surfaces, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 115-122. DOI: 10.18280/ijht.330116
285	Zhang S., Chen L.	Semiconductor, molecular crystals and oxide temperature pressure phase diagram	Phase Transitions, Pressure-Dependent, Temperature, Oxides.	33, 1, 123-128	10.18280/ijht.330117	Zhang S., Chen L. (2015). Semiconductor, molecular crystals and oxide temperature pressure phase diagram, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 123-128. DOI: 10.18280/ijht.330117
286	Pourmahmoud N., Esmaily R., Hassanzadeh A.	CFD investigation of vortex tube length effect as a designing criterion	Ranque-Hilsch Vortex Tube, CFD Simulation, Stagnation Point, Energy Separation, Inlet Pressure.	33, 1, 129-136	10.18280/ijht.330118	Pourmahmoud N., Esmaily R., Hassanzadeh A. (2015). CFD investigation of vortex tube length effect as a designing criterion, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 129-136. DOI: 10.18280/ijht.330118
287	Wang X.H., Jiao Y.L., Niu Y.C., Yang J.	Study on enhanced heat transfer features of nano-magnetic fluid heat pipe under magnetic field	Magnetic Field, Nano-Magnetic Fluid, Heat Pipe, Heat Transfer.	33, 1, 137-144	10.18280/ijht.330119	Wang X.H., Jiao Y.L., Niu Y.C., Yang J. (2015). Study on enhanced heat transfer features of nano-magnetic fluid heat pipe under magnetic field, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 137-144. DOI: 10.18280/ijht.330119
288	Zhang H.Y.	Thermodynamic property of concrete and temperature field analysis of the base plate of intake tower during construction period	Base Plate of Intake Tower, Construction Period, Thermodynamic Property, Simultaneous Observation, Temperature Field Analysis.	33, 1, 145-154	10.18280/ijht.330120	Zhang H.Y. (2015). Thermodynamic property of concrete and temperature field analysis of the base plate of intake tower during construction period, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 145-154. DOI: 10.18280/ijht.330120
289	Sivakumar A., Alagumurthi N., Senthilvelan T.	Experimental and numerical investigation of forced convective heat transfer coefficient in nanofluids of Al ₂ O ₃ /water and CuO/EG in a serpentine shaped microchannel heat sink	Forced Convection, Microchannels, Pressure Drop, Heat Transfer.	33, 1, 155-160	10.18280/ijht.330121	Sivakumar A., Alagumurthi N., Senthilvelan T. (2015). Experimental and numerical investigation of forced convective heat transfer coefficient in nanofluids of Al ₂ O ₃ /water and CuO/EG in a serpentine shaped microchannel heat sink, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 155-160. DOI: 10.18280/ijht.330121

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291	Zhang X.Q.	Hydraulic characteristics of rotational flow shaft spillway	Rotational Flow Shaft Spillway, Discharge Volume, Ratio of Energy Dissipation, Model.	33, 1, 167-174	10.18280/ijht.330123	Zhang X.Q. (2015). Hydraulic characteristics of rotational flow shaft spillway, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 167-174. DOI: 10.18280/ijht.330123
292	Wang J.T., Yu W.L., Wang T., Wang Y.L., Gao Y.L.	First-principles study on the thermodynamic defect and crystal structure of U-12.5 at% Nb alloy	Uranium Niobium Alloy, DFT, Defect, Crystal Structure.	33, 1, 175-180	10.18280/ijht.330124	Wang J.T. Yu W.L., Wang T., Wang Y.L., Gao Y.L. (2015). First-principles study on the thermodynamic defect and crystal structure of U-12.5 at% Nb alloy, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 175-180. DOI: 10.18280/ijht.330124
293	Zhao S.Y., Chen C., Zhan N.Y.	Research on the influences of insulation technology by plastic greenhouses on working temperature in aeration tanks in cold areas in winter	Cold Regions, Greenhouse, Aeration Tank, Working Temperature.	33, 1, 181-186	10.18280/ijht.330125	Zhao S.Y., Chen C., Zhan N.Y. (2015). Research on the influences of insulation technology by plastic greenhouses on working temperature in aeration tanks in cold areas in winter, <i>International Journal of Heat and Technology</i> , Vol. 33, No. 1, pp. 181-186. DOI: 10.18280/ijht.330125