

No.	Authors	Title	Keywords	Vol., No., pages	DOI Link	Citation data
1	Kumar P.V., Ibrahim S.M., Lorenzini G.	The study of three dimensional radiative MHD Casson nanofluid over an exponential porous stretching sheet with heat source under convective boundary conditions	Three-Dimensional Flow, Casson Fluid, Exponentially Stretching Sheet, Radiation, HAM.	36, 1, 1-10	10.18280/ijht.360101	Kumar P.V., Ibrahim S.M., Lorenzini G. (2018). The study of three dimensional radiative MHD Casson nanofluid over an exponential porous stretching sheet with heat source under convective boundary conditions, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 1-10. DOI: 10.18280/ijht.360101
2	Bilonoga Y., Maksysko O.	Specific features of heat exchangers calculation considering the laminar boundary layer, the transitional and turbulent thermal conductivity of heat carriers	Laminar Boundary Layer, Average Thickness of the Laminar Boundary Layer, Overall Heat Transfer Coefficient, Shell-and-tube Heat Exchanger, Criterion of Turbulent Thermal Conductivity of the Coolant, Coefficient of Surface Tension.	36, 1, 11-20	10.18280/ijht.360102	Bilonoga Y., Maksysko O. (2018). Specific features of heat exchangers calculation considering the laminar boundary layer, the transitional and turbulent thermal conductivity of heat carriers, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 11-20. DOI: 10.18280/ijht.360102
3	Benhouia A.T., Teggat M., Benchatti A.	Effect of sand as thermal damper integrated in flat plate water solar thermal collector	Flat Plate Solar Collector, Sand, Thermal Damper, Short Term Thermal Storage.	36, 1, 21-25	10.18280/ijht.360103	Benhouia A.T., Teggat M., Benchatti A. (2018). Effect of sand as thermal damper integrated in flat plate water solar thermal collector, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 21-25. DOI: 10.18280/ijht.360103
4	Pamuk M.T., Savaş A., Seçgin Ö., Arda E.	Numerical simulation of transient heat transfer in friction-stir welding	Friction Stir Welding, Aluminum, Moving Heat Source, Transient Heat Conduction.	36, 1, 26-30	10.18280/ijht.360104	Pamuk M.T., Savaş A., Seçgin Ö., Arda E. (2018). Numerical simulation of transient heat transfer in friction-stir welding, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 26-30. DOI: 10.18280/ijht.360104
5	Tian Y.B., Hu A.J.	Study on critical speed of rotation in the multistage high speed centrifugal pumps rotors	Critical Speed of Rotation, Fluid-structure Interaction, Multistage Centrifugal Pump, Rotor Dynamics.	36, 1, 31-39	10.18280/ijht.360105	Tian Y.B., Hu A.J. (2018). Study on critical speed of rotation in the multistage high speed centrifugal pumps rotors, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 31-39. DOI: 10.18280/ijht.360105
6	Rasool A., Qayoum A.	Numerical analysis of heat transfer and friction factor in two-pass channels with variable rib shapes	Local Heat Transfer Coefficient, Numerical Simulation, Ribs, Turbine Blade Internal Cooling.	36, 1, 40-48	10.18280/ijht.360106	Rasool A., Qayoum A. (2018). Numerical analysis of heat transfer and friction factor in two-pass channels with variable rib shapes, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 40-48. DOI: 10.18280/ijht.360106
7	Sun G.Z., Zhang R.L., Tian K.Y.	The dynamic evolution model and experimental study of gas permeability under multiple factors	Coal Seam Gas, Permeability Model, Effective Stress, Temperature.	36, 1, 49-55	10.18280/ijht.360107	Sun G.Z., Zhang R.L., Tian K.Y. (2018). The dynamic evolution model and experimental study of gas permeability under multiple factors, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 49-55. DOI: 10.18280/ijht.360107
8	Parmar A., Jain S.	MHD Powell–Eyring fluid flow with non-linear radiation and variable thermal conductivity over a permeable cylinder	Non-linear Radiation, Non-linear Heat Source, Variable Thermal Conductivity, Powell–Eyring Fluid.	36, 1, 56-64	10.18280/ijht.360108	Parmar A., Jain S. (2018). MHD Powell–Eyring fluid flow with non-linear radiation and variable thermal conductivity over a permeable cylinder, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 56-64. DOI: 10.18280/ijht.360108
9	Cui X., Gao L., Liu J.X.	Wind tunnel test study on the influence of railing ventilation rate on the vortex vibration characteristics of the main beam	Bridge Engineering, Vortex-Induced Vibration, Aerodynamic Measure, Wind Tunnel Test.	36, 1, 65-71	10.18280/ijht.360109	Cui X., Gao L., Liu J.X. (2018). Wind tunnel test study on the influence of railing ventilation rate on the vortex vibration characteristics of the main beam, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 65-71. DOI: 10.18280/ijht.360109
10	Bouhezza A., Kholai O., Boudebous S., Nemouchi Z.	Combined heat and mass transfer in mixed convection through a horizontal tube	Heat Transfer, Mass Transfer, Mixed Convection, Schmidt Number, Horizontal Tube (3D), Elliptic Equations.	36, 1, 72-80	10.18280/ijht.360110	Bouhezza A., Kholai O., Boudebous S., Nemouchi Z. (2018). Combined heat and mass transfer in mixed convection through a horizontal tube, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 72-80. DOI: 10.18280/ijht.360110
11	Chen X.C., Guan J.F., Deng S.S., Liu Q., Chen M.	Features and mechanism of abrasive water jet cutting of Q345 steel	Abrasive Water Jet (AWJ), Smoothed-particle Hydrodynamics (SPH), Finite-element Method (FEM), Erosion.	36, 1, 81-87	10.18280/ijht.360111	Chen X.C., Guan J.F., Deng S.S., Liu Q., Chen M. (2018). Features and mechanism of abrasive water jet cutting of Q345 steel, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 81-87. DOI: 10.18280/ijht.360111

12	Kanaan M., Chahine K.	CFD study of ventilation for indoor multi-zone transformer substation	Ventilation Schemes, Numerical Modeling, Transformer Substation, Turbulent Flow, Thermal Field.	36, 1, 88-94	10.18280/ijht.360112	Kanaan M., Chahine K. (2018). CFD study of ventilation for indoor multi-zone transformer substation, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 88-94. DOI: 10.18280/ijht.360112
13	Li H.X., Hao Z.D., Zhang Q.	Evaluating the cleaning performance of rectangular slot nozzle and diffuser	Rectangular Slot Nozzle, Diffuser, Pulse Jet Cleaning, Computational Fluid Dynamics (CFD).	36, 1, 95-101	10.18280/ijht.360113	Li H.X., Hao Z.D., Zhang Q. (2018). Evaluating the cleaning performance of rectangular slot nozzle and diffuser, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 95-101. DOI: 10.18280/ijht.360113
14	Ghritlahre H.K., Prasad R.K.	Investigation on heat transfer characteristics of roughened solar air heater using ANN technique	Solar Air Heater, Artificial Neural Network, Levenberg-marquardt Learning Algorithm, Nusselt Number, Heat Transfer.	36, 1, 102-110	10.18280/ijht.360114	Ghritlahre H.K., Prasad R.K. (2018). Investigation on heat transfer characteristics of roughened solar air heater using ANN technique, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 102-110. DOI: 10.18280/ijht.360114
15	He F., Wang J., Chen W.	Numerical simulation and analysis of the effect of baffle distance and depth on solid-liquid two-phase flow in circular secondary clarifier	Circular Secondary Clarifier (CSC), Peripheral Inlet and Outlet (PIO), Numerical Simulation, Velocity Field, Sludge Volume Concentration Field.	36, 1, 111-117	10.18280/ijht.360115	He F., Wang J., Chen W. (2018). Numerical simulation and analysis of the effect of baffle distance and depth on solid-liquid two-phase flow in circular secondary clarifier, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 111-117. DOI: 10.18280/ijht.360115
16	Krishna V.M.	Emissions control and performance evaluation of spark ignition engine with oxy-hydrogen blending	Emissions, HHO Gas, Spark Ignition Engine, Specific Fuel Consumption, Thermal Efficiency.	36, 1, 118-124	10.18280/ijht.360116	Krishna V.M. (2018). Emissions control and performance evaluation of spark ignition engine with oxy-hydrogen blending, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 118-124. DOI: 10.18280/ijht.360116
17	Guan F.W., Zhang F., Cao N.L., Liu Q., Liu J., Yu S.M., Guan H.Y.	Thermal control design and experimental verification of light off-axis space optical remote sensor in the sun-synchronous orbit	Sun-synchronous Orbit, Space Optical Remote Sensor, Thermal Control Design, Thermal Balance Test.	36, 1, 125-132	10.18280/ijht.360117	Guan F.W., Zhang F., Cao N.L., Liu Q., Liu J., Yu S.M., Guan H.Y. (2018). Thermal control design and experimental verification of light off-axis space optical remote sensor in the sun-synchronous orbit, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 125-132. DOI: 10.18280/ijht.360117
18	Larbi A.A., Bounif A., Bouzit M.	Comparisons of LPDF and MEPDF for lifted H ₂ /N ₂ jet flame in a vitiated coflow	PDF Transport, MEPDF, LPDF, Vitiated Coflow, K-epsilon Modified.	36, 1, 133-140	10.18280/ijht.360118	Larbi A.A., Bounif A., Bouzit M. (2018). Comparisons of LPDF and MEPDF for lifted H ₂ /N ₂ jet flame in a vitiated coflow, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 133-140. DOI: 10.18280/ijht.360118
19	Tian P., Nie L., Zhan G.F.	Analysis of asphalt wettability based on spreading radius	Viscous Fluid, Wetting, Spreading, Adhesion Ability, Interfacial Tension, Surface Energy.	36, 1, 141-146	10.18280/ijht.360119	Tian P., Nie L., Zhan G.F. (2018). Analysis of asphalt wettability based on spreading radius, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 141-146. DOI: 10.18280/ijht.360119
20	Sadaghiyani O.K., Boubakran M.S., Hassanzadeh A.	Energy and exergy analysis of parabolic trough collectors	Evacuated Absorber Tube, Parabolic Trough Collector, Exergetic Efficiency, Exergy Destruction, Exergy Loss.	36, 1, 147-158	10.18280/ijht.360120	Sadaghiyani O.K., Boubakran M.S., Hassanzadeh A. (2018). Energy and exergy analysis of parabolic trough collectors, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 147-158. DOI: 10.18280/ijht.360120
21	Chi M.S., Wang Q., Liu H.Q., Wang Z.C., Liu Q.	Characteristic analysis of gas & solid phase flow in oil shale pyrolysis circulating fluidized bed	Gas & Solid Phase Flow, Oil Shale, CFB, Computational Fluid Mechanics of Particles.	36, 1, 159-164	10.18280/ijht.360121	Chi M.S., Wang Q., Liu H.Q., Wang Z.C., Liu Q. (2018). Characteristic analysis of gas & solid phase flow in oil shale pyrolysis circulating fluidized bed, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 159-164. DOI: 10.18280/ijht.360121
22	Mukherjee S., Mishra P.C., Chaudhuri P., Banerjee G.	Theoretical modeling and optimization of microchannel heat sink cooling with TiO ₂ -water and ZnO-water nanofluids	Nanofluids, Electronic Cooling, Microchannel, Heatsink, Optimization, EES.	36, 1, 165-172	10.18280/ijht.360122	Mukherjee S., Mishra P.C., Chaudhuri P., Banerjee G. (2018). Theoretical modeling and optimization of microchannel heat sink cooling with TiO ₂ -water and ZnO-water nanofluids, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 165-172. DOI: 10.18280/ijht.360122
23	Li M.Q., Luo J.B., Wu B.X., Hua J.	Experimental research of the mechanism and particle flow in screw conveyer	Screw Conveyor, Outlet Mass Flow Rate, Fill Rate, Trajectory Angle, Particle Flow.	36, 1, 173-181	10.18280/ijht.360123	Li M.Q., Luo J.B., Wu B.X., Hua J. (2018). Experimental research of the mechanism and particle flow in screw conveyer, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 173-181. DOI: 10.18280/ijht.360123
24	Reddy G.V.S.K., Ramesh K.V.	Mass transfer enhancement in a three-phase fluidized bed electrochemical reactor	Mass Transfer Coefficient, Fluidized Bed, Three-phase Fluidization, Augmentation, Turbulent Promoter.	36, 1, 182-188	10.18280/ijht.360124	Reddy G.V.S.K., Ramesh K.V. (2018). Mass transfer enhancement in a three-phase fluidized bed electrochemical reactor, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 182-188. DOI: 10.18280/ijht.360124

25	Hao X.L., Li W., Sun Z.Y., Zhu S.J., Yan S., Zhao Z.	Detection of ball grid array solder joints based on adaptive template matching	Adaptive Template Matching, Automatic Thresholding, Ball Grid Array (BGA), Edge Direction Vector, Image Pyramid.	36, 1, 189-194	10.18280/ijht.360125	Hao X.L., Li W., Sun Z.Y., Zhu S.J., Yan S., Zhao Z. (2018). Detection of ball grid array solder joints based on adaptive template matching, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 189-194. DOI: 10.18280/ijht.360125
26	Praveena D.N., Rao C.S., Kiran K.K.	Suitability of magnetic nanofluid in heat transfer loops	Heat Transfer, Pumping Power, Electronic Cooling, Figure of Merit, Magnetic Field.	36, 1, 195-200	10.18280/ijht.360126	Praveena D.N., Rao C.S., Kiran K.K. (2018). Suitability of magnetic nanofluid in heat transfer loops, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 195-200. DOI: 10.18280/ijht.360126
27	Zhang X.B., Yang M.	Based on FDM numerical simulation research on the factors influencing heat release in wet airway	Surrounding Rock Temperature, Wetness Factor, Water Evaporation, Heat Release, Moisture Content.	36, 1, 201-206	10.18280/ijht.360127	Zhang X.B., Yang M. (2018). Based on FDM numerical simulation research on the factors influencing heat release in wet airway, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 201-206. DOI: 10.18280/ijht.360127
28	Sarojamma G., Sreelakshmi K., Vajravelu K.	Effects of dual stratification on non-orthogonal non-Newtonian fluid flow and heat transfer	Non-orthogonal Flow, Casson Fluid, Stagnation Point, Stratification, Thermal Radiation.	36, 1, 207-214	10.18280/ijht.360128	Sarojamma G., Sreelakshmi K., Vajravelu K. (2018). Effects of dual stratification on non-orthogonal non-Newtonian fluid flow and heat transfer, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 207-214. DOI: 10.18280/ijht.360128
29	Liu F.	Numerical analysis of droplet atomization in wet electrostatic precipitator based on computational particle-fluid dynamics	Wet Electrostatic Precipitator, Computational Particle-fluid Dynamics (CPFD), Numerical Simulation, Droplet Atomization.	36, 1, 215-221	10.18280/ijht.360129	Liu F. (2018). Numerical analysis of droplet atomization in wet electrostatic precipitator based on computational particle-fluid dynamics, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 215-221. DOI: 10.18280/ijht.360129
30	Asif A., Mohammed S.A.D., Razak R.K.A., Ramis M.K.	Heat transfer characteristics of MWCNT nanofluid in rectangular mini channels	MWCNT, Water, Nanofluid, Rectangular Minichannels, Thermal Analysis.	36, 1, 222-228	10.18280/ijht.360130	Asif A., Mohammed S.A.D., Razak R.K.A., Ramis M.K. (2018). Heat transfer characteristics of MWCNT nanofluid in rectangular mini channels, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 222-228. DOI: 10.18280/ijht.360130
31	Zhang J.X., Sun W.G., Niu F.S., Wang L., Zhao Y.W., Han M.M.	Atmospheric sulfuric acid leaching thermodynamics from metallurgical zinc-bearing dust sludge	Zinc-bearing Dust Sludge, Leaching, Thermodynamics, Potential (ϕ)-pH Dominant Area Diagram.	36, 1, 229-236	10.18280/ijht.360131	Zhang J.X., Sun W.G., Niu F.S., Wang L., Zhao Y.W., Han M.M. (2018). Atmospheric sulfuric acid leaching thermodynamics from metallurgical zinc-bearing dust sludge, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 229-236. DOI: 10.18280/ijht.360131
32	Al-Farhany K., Abdulkadhim A.	Numerical investigation of conjugate natural convection heat transfer in a square porous cavity heated partially from left sidewall	Natural Convection, Conjugate, Porous, Enclosure, COMSOL.	36, 1, 237-244	10.18280/ijht.360132	Al-Farhany K., Abdulkadhim A. (2018). Numerical investigation of conjugate natural convection heat transfer in a square porous cavity heated partially from left sidewall, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 237-244. DOI: 10.18280/ijht.360132
33	Zhang J., Liu N.N.	Supercritical cyclic steam stimulation of wellbore temperature and pressure distribution in Lukeqin oilfield	Supercritical Cyclic Steam Stimulation (CSS), Wellbore Temperature, Wellbore Pressure.	36, 1, 245-251	10.18280/ijht.360133	Zhang J., Liu N.N. (2018). Supercritical cyclic steam stimulation of wellbore temperature and pressure distribution in Lukeqin oilfield, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 245-251. DOI: 10.18280/ijht.360133
34	Gorantla K., Shaik S., Setty A.B.T.P.R.	Thermal and cost analysis of float and various tinted double window glass configurations on heat gain into buildings of hot & dry climatic zone in India	Spectrophotometer, Glass Window, Solar Optical Properties, Double Glass Window.	36, 1, 252-260	10.18280/ijht.360134	Gorantla K., Shaik S., Setty A.B.T.P.R. (2018). Thermal and cost analysis of float and various tinted double window glass configurations on heat gain into buildings of hot & dry climatic zone in India, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 252-260. DOI: 10.18280/ijht.360134
35	Sun Y., Rong J.Y., Tian Y.N., Niu Y.X., Zhang M.H.	Research on resistance features of plate heat exchanger based on flow distribution	Plate Heat Exchanger, Flow Distribution, Resistance Features.	36, 1, 261-266	10.18280/ijht.360135	Sun Y., Rong J.Y., Tian Y.N., Niu Y.X., Zhang M.H. (2018). Research on resistance features of plate heat exchanger based on flow distribution, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 261-266. DOI: 10.18280/ijht.360135
36	Saravanan V., Umesh C.K., Seetharamu D.H.K.	Numerical investigation of pressure drop and heat transfer in pin fin heat sink and micro channel pin fin heat sink	Micro Channel, Micro Pin Fin, Heat Sink, Square Pin Fin, Circular Pin Fin, Fined Micro Channel.	36, 1, 267-276	10.18280/ijht.360136	Saravanan V., Umesh C.K., Seetharamu D.H.K. (2018). Numerical investigation of pressure drop and heat transfer in pin fin heat sink and micro channel pin fin heat sink, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 267-276. DOI: 10.18280/ijht.360136
37	Zhang C.H., Qiu J.S., Guan X., Hou P.J., Huang W.	Research on thermal performance of external thermal insulation composite concrete wall block	Concrete Wall, Thermal Performance, Heat Transfer Resistance, Thermal Inertia, H-shaped Wall Block Structure.	36, 1, 277-281	10.18280/ijht.360137	Zhang C.H., Qiu J.S., Guan X., Hou P.J., Huang W. (2018). Research on thermal performance of external thermal insulation composite concrete wall block, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 277-281. DOI: 10.18280/ijht.360137

38	Kumar S., Priyam A., Prasad R.K.	Thermal, effective and exergetic analysis of double flow packed bed solar air heater	Packed Bed, Energy Analysis, Temperature Rise, Effective Efficiency, Exergy Analysis.	36, 1, 282-292	10.18280/ijht.360138	Kumar S., Priyam A., Prasad R.K. (2018). Thermal, effective and exergetic analysis of double flow packed bed solar air heater, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 282-292. DOI: 10.18280/ijht.360138
39	Hu Q.L., Shi G.W., Jiang F., Zhou H.D., Li Z.H., Yang L., Zhang X.J.	Thermal environment adaptability design of space-based infrared imaging system	Space-based, Infrared Imaging, Thermal Environment, Non-thermal Design, Thermal Control.	36, 1, 293-300	10.18280/ijht.360139	Hu Q.L., Shi G.W., Jiang F., Zhou H.D., Li Z.H., Yang L., Zhang X.J. (2018). Thermal environment adaptability design of space-based infrared imaging system, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 293-300. DOI: 10.18280/ijht.360139
40	Sartor K., Thomas D., Dewallef P.	A comparative study for simulating heat transport in large district heating networks	District Heating Network, DHN, Pipe, Dynamic Simulation, Heat Transport.	36, 1, 301-308	10.18280/ijht.360140	Sartor K., Thomas D., Dewallef P. (2018). A comparative study for simulating heat transport in large district heating networks, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 301-308. DOI: 10.18280/ijht.360140
41	Wen J., Yang M., Qi W.L., Wang J., Yuan Q., Luo W.	Experimental analysis and numerical simulation of variable mass flow in horizontal wellbore	Horizontal Wellbore, Variable Mass Flow, Numerical Simulation, Experimental Simulation, Mixture Pressure Drop.	36, 1, 309-318	10.18280/ijht.360141	Wen J., Yang M., Qi W.L., Wang J., Yuan Q., Luo W. (2018). Experimental analysis and numerical simulation of variable mass flow in horizontal wellbore, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 309-318. DOI: 10.18280/ijht.360141
42	Medina Y.C., Khandy N.H., Carlson K.M., Fonticiella O.M.C., Morales O.F.C.	Mathematical modeling of two-phase media heat transfer coefficient in air cooled condenser systems	Equation, Roshenow's Correction, Condensation, Deviation, Heat Transfer.	36, 1, 319-324	10.18280/ijht.360142	Medina Y.C., Khandy N.H., Carlson K.M., Fonticiella O.M.C., Morales O.F.C. (2018). Mathematical modeling of two-phase media heat transfer coefficient in air cooled condenser systems, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 319-324. DOI: 10.18280/ijht.360142
43	Deka B., Choudhury R.	On hydromagnetic flow of a second-grade fluid induced by an inclined plate	Heat Transfer, Mass Transfer, Inclined Plate, MHD, Visco-elastic, Heat Generation.	36, 1, 325-331	10.18280/ijht.360143	Deka B., Choudhury R. (2018). On hydromagnetic flow of a second-grade fluid induced by an inclined plate, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 325-331. DOI: 10.18280/ijht.360143
44	Yu X.Z., Xin M.J., Song Y.Q., Xu J., Ren W.T.	Numerical simulation and experimental verification of mulch spreading system of paddy field based on CFD	Numerical Simulation, CFD, Paddy Field Machiner, Experiment.	36, 1, 332-338	10.18280/ijht.360144	Yu X.Z., Xin M.J., Song Y.Q., Xu J., Ren W.T. (2018). Numerical simulation and experimental verification of mulch spreading system of paddy field based on CFD, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 332-338. DOI: 10.18280/ijht.360144
45	Kannan K.G., Kamatchi R., Venkatajalapathi T., Krishnan A.S.	Enhanced heat transfer by thermosyphon method in electronic devices	Electronic Cooling, Closed Loop Thermosyphon, Latent Heat of Evaporation, Thermal Resistance.	36, 1, 339-343	10.18280/ijht.360145	Kannan K.G., Kamatchi R., Venkatajalapathi T., Krishnan A.S. (2018). Enhanced heat transfer by thermosyphon method in electronic devices, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 339-343. DOI: 10.18280/ijht.360145
46	Yan L.E., Yi N.P., Zhang X.G., Xu S.C.	Numerical investigation on the effect of variation of water level on the stability of soil-cement column reinforced waterway side slope	Unsaturated Soil, Seepage, Stability Analysis of Side Slope, Strength Reduction Finite Element Method.	36, 1, 344-352	10.18280/ijht.360146	Yan L.E., Yi N.P., Zhang X.G., Xu S.C. (2018). Numerical investigation on the effect of variation of water level on the stability of soil-cement column reinforced waterway side slope, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 344-352. DOI: 10.18280/ijht.360146
47	Rahman M.R.A., Saad M.R., Idris A.C., Faizal H.M.	Heat transfer of the TiO ₂ /water nanofluid in an annulus of the finite rotating cylinders	Nanofluid, Finite Rotating Annulus, Co-rotating, Counter Rotating.	36, 1, 353-358	10.18280/ijht.360147	Rahman M.R.A., Saad M.R., Idris A.C., Faizal H.M. (2018). Heat transfer of the TiO ₂ /water nanofluid in an annulus of the finite rotating cylinders, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 353-358. DOI: 10.18280/ijht.360147
48	Bensayah K., Mahfoudi E.	Detached eddy simulation of compressible flow with rapid expanded divergent contour	Compressible Flow, Detached Eddy Simulation, SST Model, Nozzle, Over-expanded, Shock.	36, 1, 359-366	10.18280/ijht.360148	Bensayah K., Mahfoudi E. (2018). Detached eddy simulation of compressible flow with rapid expanded divergent contour, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 359-366. DOI: 10.18280/ijht.360148
49	Touatit A., Bougriou C.	Optimal diameters of triple concentric-tube heat exchangers	Heat Exchanger, Concentric-tube, Design, Energy, Cost.	36, 1, 367-375	10.18280/ijht.360149	Touatit A., Bougriou C. (2018). Optimal diameters of triple concentric-tube heat exchangers, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 367-375. DOI: 10.18280/ijht.360149
50	Liu C.M., Liu L., Liu C.B.	Analysis of wind resistance of high-rise building structures based on computational fluid dynamics simulation technology	High-rise Buildings, Structural Wind Resistance, Computational Fluid Dynamics, Wind Tunnel Test, Numerical Simulation.	36, 1, 376-380	10.18280/ijht.360150	Liu C.M., Liu L., Liu C.B. (2018). Analysis of wind resistance of high-rise building structures based on computational fluid dynamics simulation technology, <i>International Journal of Heat and Technology</i> , Vol. 36, No. 1, pp. 376-380. DOI: 10.18280/ijht.360150
1	Magrini A., Lazzari S., Marengo L., Guazzi G.	A procedure to evaluate the most suitable integrated solutions for increasing energy performance of the building's envelope, avoiding moisture problems	EPBD, Energy Performance, Vapour Condensation Risk, Cost Analysis, Building Refurbishment.	35, 4, 689-699	10.18280/ijht.350401	Magrini A., Lazzari S., Marengo L., Guazzi G. (2017). A procedure to evaluate the most suitable integrated solutions for increasing energy performance of the building's envelope, avoiding moisture problems, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 689-699. DOI: 10.18280/ijht.350401

2	Huang X.Q., Zhang D.L., Zhang X.	Stability of secondary atomization locations of atomizer nozzles for humidification chambers	Humidification Chamber, Atomization Features, Critical Pressure, Secondary Atomization.	35, 4, 700-706	10.18280/ijht.350402	Huang X.Q., Zhang D.L., Zhang X. (2017). Stability of secondary atomization locations of atomizer nozzles for humidification chambers, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 700-706. DOI: 10.18280/ijht.350402
3	Liu Y.L., Zhu H.Q., Huang S.G.	Effect of structural parameters of high-pressure water jet nozzles on flow field features	High-Pressure (HP) water Jet, Nozzle Structure, Flow Field Features, Numerical Simulation	35, 4, 707-712	10.18280/ijht.350403	Liu Y.L., Zhu H.Q., Huang S.G. (2017). Effect of structural parameters of high-pressure water jet nozzles on flow field features, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 707-712. DOI: 10.18280/ijht.350403
4	Wen Y., Wu Z.H., Wang J.L., Wu J., Yin Q.G., Luo W.	Experimental study of liquid holdup of liquid-gas two-phase flow in horizontal and inclined pipes	Liquid Holdup, Liquid-gas Two-phase Flow, Horizontal and Inclined Pipe, Gas-liquid Ratio, Pipe Diameter, Liquid Type, Pipe Inclination.	35, 4, 713-720	10.18280/ijht.350404	Wen Y., Wu Z.H., Wang J.L., Wu J., Yin Q.G., Luo W. (2017). Experimental study of liquid holdup of liquid-gas two-phase flow in horizontal and inclined pipes, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 713-720. DOI: 10.18280/ijht.350404
5	Garg R., Thakur H., Tripathi B.	Nonlinear numerical analysis of convective-radiative fin using MLPG method	Convective- radiative Fin, MLPG Method, Penalty method, Nonlinear Fin Analysis, Transient Analysis.	35, 4, 721-729	10.18280/ijht.350405	Garg R., Thakur H., Tripathi B. (2017). Nonlinear numerical analysis of convective-radiative fin using MLPG method, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 721-729. DOI: 10.18280/ijht.350405
6	Ren L.B., Zhao X.Q., Zhang S.F.	Hydrodynamic investigation of slurry flows in horizontal narrow rectangular channels	CFD-DEM, Experiment, Slurry, Horizontal Narrow Rectangular Channel.	35, 4, 730-736	10.18280/ijht.350406	Ren L.B., Zhao X.Q., Zhang S.F. (2017). Hydrodynamic investigation of slurry flows in horizontal narrow rectangular channels, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 730-736. DOI: 10.18280/ijht.350406
7	Norozi M.	Experimental investigation of improving received radiation by an hourly sun tracking on a weir-type cascade solar still	Hourly Sun Tracking, Weir-type Cascade Solar Still, Azimuth Angels, Energy Efficiency, Solar Radiation.	35, 4, 737-746	10.18280/ijht.350407	Norozi M. (2017). Experimental investigation of improving received radiation by an hourly sun tracking on a weir-type cascade solar still, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 737-746. DOI: 10.18280/ijht.350407
8	Liu Y., Liang B.C., Liu X.T.	Experimental and numerical optimization of coal breakage performance parameters through abrasive gas jet	Abrasive Gas Jet (AGJ), Coal and Rock Breakage, Laval Nozzle, Water Jet.	35, 4, 747-754	10.18280/ijht.350408	Liu Y., Liang B.C., Liu X.T. (2017). Experimental and numerical optimization of coal breakage performance parameters through abrasive gas jet, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 747-754. DOI: 10.18280/ijht.350408
9	Motevasel M., Nazar A.R.S., Jamialahmadi M.	Experimental investigation of turbulent flow convection heat transfer of MgO/water nanofluid at low concentrations – Prediction of aggregation effect of nanoparticles	Aggregate, Low Concentration, Mgo/Water Nanofluid, Physical Properties.	35, 4, 755-764	10.18280/ijht.350409	Motevasel M., Nazar A.R.S., Jamialahmadi M. (2017). Experimental investigation of turbulent flow convection heat transfer of MgO/water nanofluid at low concentrations – Prediction of aggregation effect of nanoparticles, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 755-764. DOI: 10.18280/ijht.350409
10	Zhang F., Sun D.Y., Xie J.M., Xu S.M., Huang H.G., Li J., Hou H.T., Wu J.	Application of zirconia thermal barrier coating on the surface of pulling-straightening roller	Laser Remelting, Nano Zirconia, Thermal Barrier Coating (TBC), Pulling-Straightening Roller.	35, 4, 765-772	10.18280/ijht.350410	Zhang F., Sun D.Y., Xie J.M., Xu S.M., Huang H.G., Li J., Hou H.T., Wu J. (2017). Application of zirconia thermal barrier coating on the surface of pulling-straightening roller, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 765-772. DOI: 10.18280/ijht.350410
11	Quinlan B., Kaufmann B., Allensina G., Pedrazzi S., Whipple S.	Application of OLT in gasification power systems	Biomass, Gasification, Syngas, Tar Testing, Light Absorbance.	35, 4, 773-778	10.18280/ijht.350411	Quinlan B., Kaufmann B., Allensina G., Pedrazzi S., Whipple S. (2017). Application of OLT in gasification power systems, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 773-778. DOI: 10.18280/ijht.350411
12	Wang X.D., Wang X.Y., Lan L., Pu Y.Y.	Turbulence features of jet flow field in mine stopes	Dimensionless Coefficient, Jet Width, Jet Length, Turbulence Intensity, Reynolds Stress.	35, 4, 779-784	10.18280/ijht.350412	Wang X.D., Wang X.Y., Lan L., Pu Y.Y. (2017). Turbulence features of jet flow field in mine stopes, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 779-784. DOI: 10.18280/ijht.350412
13	Amelio M., Barbarelli S., Rovense F., Scornaienchi N.M.	Possibility of employing a small power tangential flow turbine prototype in a micro solar concentration plant	Solar Plant, Small Turbine Prototype, Design Criteria, Mirror Field, Case Study.	35, 4, 785-792	10.18280/ijht.350413	Amelio M., Barbarelli S., Rovense F., Scornaienchi N.M. (2017). Possibility of employing a small power tangential flow turbine prototype in a micro solar concentration plant, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 785-792. DOI: 10.18280/ijht.350413
14	Sun C., Zuo Z.S., Lu W., Liu X.T., Guo X.L., Liu F.	Visualization of the heat transfer character of dry slag discharge system	Dry Slag Discharge System, Heat Transfer Character, Numerical Calculation, Visualization.	35, 4, 793-798	10.18280/ijht.350414	Sun C., Zuo Z.S., Lu W., Liu X.T., Guo X.L., Liu F. (2017). Visualization of the heat transfer character of dry slag discharge system, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 793-798. DOI: 10.18280/ijht.350414
15	Landers B.D., Disimile P.J., Toy N.	The fluid thermal field over a flat heated disk	Thermal Field, Flat Heated Disk, Surface Ignition, Pool Boiling, Film Boiling.	35, 4, 799-805	10.18280/ijht.350415	Landers B.D., Disimile P.J., Toy N. (2017). The fluid thermal field over a flat heated disk, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 799-805. DOI: 10.18280/ijht.350415

16	Zhao Q., Bai Z.C., Lu A.J., Liu Q.	Research on the ablation of fused silica irradiated by Laguerre-Gaussian beam	Laser Technique, Simulation, Fused Silica, Laguerre Gauss Beam, Vaporization.	35, 4, 806-810	10.18280/ijht.350416	Zhao Q., Bai Z.C., Lu A.J., Liu Q. (2017). Research on the ablation of fused silica irradiated by Laguerre-Gaussian beam, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 806-810. DOI: 10.18280/ijht.350416
17	Chaware P., Sewatkar C.M.	Effects of tangential and radial velocity on the heat transfer for flow through pipe with twisted tape insert-turbulent flow	Heat Transfer Augmentation, Radial Velocity, Tangential Velocity, Twisted Tape.	35, 4, 811-820	10.18280/ijht.350417	Chaware P., Sewatkar C.M. (2017). Effects of tangential and radial velocity on the heat transfer for flow through pipe with twisted tape insert-turbulent flow, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 811-820. DOI: 10.18280/ijht.350417
18	Wang H.B., Guo X.G.	Transient analysis of thermal and moisture transfer in building materials	Hybrid Numerical Method, Coupled Heat and Moisture Transfer, Transient Analysis.	35, 4, 821-826	10.18280/ijht.350418	Wang H.B., Guo X.G. (2017). Transient analysis of thermal and moisture transfer in building materials, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 821-826. DOI: 10.18280/ijht.350418
19	Casano G., Fossa M., Piva S.	Development and testing of a compound parabolic collector for large acceptance angle thermal applications	Solar Thermal Collector, Compound Parabolic Concentrator CPC, Evacuated Tubes.	35, 4, 827-835	10.18280/ijht.350419	Casano G., Fossa M., Piva S. (2017). Development and testing of a compound parabolic collector for large acceptance angle thermal applications, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 827-835. DOI: 10.18280/ijht.350419
20	Tong X., Guo W.G., Kang K.Q., Qin Y.P.	Experimental evaluation of heat and moisture transmission characteristics of the working ensemble of hot coal mines using the thermal manikin	Mine Thermal Hazard, Mining Ensemble, Thermal Insulation, Evaporative Resistance, Thermal.	35, 4, 836-842	10.18280/ijht.350420	Tong X., Guo W.G., Kang K.Q., Qin Y.P. (2017). Experimental evaluation of heat and moisture transmission characteristics of the working ensemble of hot coal mines using the thermal manikin, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 836-842. DOI: 10.18280/ijht.350420
21	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D.	Equivalent electrical circuit to estimate the PV/T solar collector producibility	Electrical Analogy, Solar Collectors, PV/T Collectors.	35, 4, 843-852	10.18280/ijht.350421	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D. (2017). Equivalent electrical circuit to estimate the PV/T solar collector producibility, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 843-852. DOI: 10.18280/ijht.350421
22	De Angelis A., Chinese D., Saro O.	Free-cooling potential in shopping mall buildings with plants equipped by dry-coolers boosted with evaporative pads	Evaporative Pad, Energy Saving, Free Cooling, TRNSYS, Shopping Mall.	35, 4, 853-862	10.18280/ijht.350422	De Angelis A., Chinese D., Saro O. (2017). Free-cooling potential in shopping mall buildings with plants equipped by dry-coolers boosted with evaporative pads, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 853-862. DOI: 10.18280/ijht.350422
23	Srivastava P., Dewan A., Bajpai J.K.	Flow and heat transfer characteristics in convergent-divergent shaped microchannel with ribs and cavities	Convergent-Divergent Shape, Ribs and Cavities, Heat Transfer Enhancement, Thermal Boundary-Layer, Nusselt Number.	35, 4, 863-873	10.18280/ijht.350423	Srivastava P., Dewan A., Bajpai J.K. (2017). Flow and heat transfer characteristics in convergent-divergent shaped microchannel with ribs and cavities, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 863-873. DOI: 10.18280/ijht.350423
24	Elahmer M., Abboudi S., Boukadida N.	Nanofluid effect on forced convective heat transfer inside a heated horizontal tube	Forced Convection, Laminar Flow, Unsteady, Hybrid Nanofluid, Conjugated Heat Transfer.	35, 4, 874-882	10.18280/ijht.350424	Elahmer M., Abboudi S., Boukadida N. (2017). Nanofluid effect on forced convective heat transfer inside a heated horizontal tube, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 874-882. DOI: 10.18280/ijht.350424
25	Benyoucef D., Zeroual M., Benmoussa H.	Natural convection in tilted rectangular cavities due to bidirectional temperature gradient	CFD Simulation, Inclined Vessel, Heat Transfer, Natural Convection, Structure.	35, 4, 883-892	10.18280/ijht.350425	Benyoucef D., Zeroual M., Benmoussa H. (2017). Natural convection in tilted rectangular cavities due to bidirectional temperature gradient, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 883-892. DOI: 10.18280/ijht.350425
26	Aamina F.A.B., Khan I., Saqib N.A.S.M.	Magnetohydrodynamic flow of brinkman-type engine oil based MoS ₂ -nanofluid in a rotating disk with hall effect	BEOBMN, MHD Flow, Closed-form Solutions, The Laplace Transform.	35, 4, 893-902	10.18280/ijht.350426	Aamina F.A.B., Khan I., Saqib N.A.S.M. (2017). Magnetohydrodynamic flow of brinkman-type engine oil based MoS ₂ -nanofluid in a rotating disk with hall effect, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 893-902. DOI: 10.18280/ijht.350426
27	Nahak M.P., Triveni M.K., Panua R.	Numerical investigation of mixed convection in a lid-driven triangular cavity with a circular cylinder using ANN modeling	Mixed Convection, Triangular Enclosure, Grashof Number, Richardson Number, ANN.	35, 4, 903-918	10.18280/ijht.350427	Nahak M.P., Triveni M.K., Panua R. (2017). Numerical investigation of mixed convection in a lid-driven triangular cavity with a circular cylinder using ANN modeling, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 903-918. DOI: 10.18280/ijht.350427
28	Gogoi P., Triveni M.K., Panua R.	Numerical investigation of 3D turbulent forced convective heat transfer and friction characteristics of a square duct	Darcy Friction Factor, Forced Convection, Nusselt Number, Reynolds Number, Thermal Enhancement Factor.	35, 4, 919-932	10.18280/ijht.350428	Gogoi P., Triveni M.K., Panua R. (2017). Numerical investigation of 3D turbulent forced convective heat transfer and friction characteristics of a square duct, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 919-932. DOI: 10.18280/ijht.350428

29	Yeffer O., Kolsi L., Al-Rashed A.A.A.A., Aydi A., Borjini M.N., Ben Aissia H.	Numerical analysis of natural convection and entropy generation in a 3D partitioned cavity	3D, Entropy Generation, Inclination Angles, Natural Convection, Partitions.	35, 4, 933-943	10.18280/ijht.350429	Yeffer O., Kolsi L., Al-Rashed A.A.A.A., Aydi A., Borjini M.N., Ben Aissia H. (2017). Numerical analysis of natural convection and entropy generation in a 3D partitioned cavity, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 933-943. DOI: 10.18280/ijht.350429
30	Cetin E., Cetkin E.	The effect of cavities and T-shaped assembly of fins on overall thermal resistances	Constructal Law, Heat Transfer Enhancement, Cavity, Fin, Convective Heat Transfer.	35, 4, 944-952	10.18280/ijht.350430	Cetin E., Cetkin E. (2017). The effect of cavities and T-shaped assembly of fins on overall thermal resistances, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 944-952. DOI: 10.18280/ijht.350430
31	Zhao Y.S., Li P., Yin Q.L., Wang T.	Effect of suction nozzle structure on reverse circulation performance of down-the-hole hammer drill bit	Down-The-Hole (DTH) Hammer Drilling, Reverse Circulation (RC), Drill Bit, Computational Fluid Dynamics (CFD).	35, 4, 953-958	10.18280/ijht.350431	Zhao Y.S., Li P., Yin Q.L., Wang T. (2017). Effect of suction nozzle structure on reverse circulation performance of down-the-hole hammer drill bit, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 953-958. DOI: 10.18280/ijht.350431
32	Adibi O., Farhanieh B., Afshin H.	Numerical study of heat and mass transfer in underexpanded sonic free jet	Numerical Simulation, Gas Release, Sonic Free Jets, High Pressure Tanks, Shock Waves.	35, 4, 959-968	10.18280/ijht.350432	Adibi O., Farhanieh B., Afshin H. (2017). Numerical study of heat and mass transfer in underexpanded sonic free jet, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 959-968. DOI: 10.18280/ijht.350432
33	Jasim H.H., Söylemez M.S.	Optimization of a rectangular pin fin using rectangular perforations with different inclination angles	Fin, Incline Perforation, Natural Convection, Degenerate Hypergeometric Equation, Optimization, Entropy Minimization.	35, 4, 969-977	10.18280/ijht.350433	Jasim H.H., Söylemez M.S. (2017). Optimization of a rectangular pin fin using rectangular perforations with different inclination angles, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 969-977. DOI: 10.18280/ijht.350433
34	Kumar P.V., Ibrahim S.M., Lorenzini G.	Impact of thermal radiation and Joule heating on MHD mixed convection flow of a Jeffrey fluid over a stretching sheet using homotopy analysis method	Jeffrey Fluid, Thermal Radiation, Heat Source, Viscous Dissipation, HAM.	35, 4, 978-986	10.18280/ijht.350434	Kumar P.V., Ibrahim S.M., Lorenzini G. (2017). Impact of thermal radiation and Joule heating on MHD mixed convection flow of a Jeffrey fluid over a stretching sheet using homotopy analysis method, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 978-986. DOI: 10.18280/ijht.350434
35	Emam T.G., Elmaboud Y.A.	Three-dimensional magneto-hydrodynamic flow over an exponentially stretching surface	Heat Transfer, MHD Flow, Stretching Surface, Three-dimensional Flow.	35, 4, 987-996	10.18280/ijht.350435	Emam T.G., Elmaboud Y.A. (2017). Three-dimensional magneto-hydrodynamic flow over an exponentially stretching surface, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 987-996. DOI: 10.18280/ijht.350435
36	Du H.W., Xiong W., Xu C., Jiang Z.A.	Research on the controllability and energy saving of the pneumatic direct drive system	Pneumatic Energy Saving, Directly Driven System, System Identification, PID Control, Fuzzy PID Control.	35, 4, 997-1004	10.18280/ijht.350436	Du H.W., Xiong W., Xu C., Jiang Z.A. (2017). Research on the controllability and energy saving of the pneumatic direct drive system, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 997-1004. DOI: 10.18280/ijht.350436
37	Ahamed S.M.S., Mondal S., Sibanda P.	Impulsive nanofluid flow along a vertical stretching cone	Chemical Reaction, Nanofluid Flow, Stretching or Shrinking Cone, Spectral Local Linearization Method.	35, 4, 1005-1014	10.18280/ijht.350437	Ahamed S.M.S., Mondal S., Sibanda P. (2017). Impulsive nanofluid flow along a vertical stretching cone, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1005-1014. DOI: 10.18280/ijht.350437
38	Priyam A., Chand P.	Heat transfer and pressure drop characteristics of wavy fin solar air heater	Collector Length, Thermal Efficiency, Pressure Drop, Solar Air Heater.	35, 4, 1015-1022	10.18280/ijht.350438	Priyam A., Chand P. (2017). Heat transfer and pressure drop characteristics of wavy fin solar air heater, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1015-1022. DOI: 10.18280/ijht.350438
39	Mekroussi S., Kherris S., Mebarki B., Benchatti A.	Mixed convection in complicated cavity with non-uniform heating on both sidewalls	Mixed Convection, Lid-driven Cavity, Wavy Wall, Spatially Variable Temperature, Amplitude, Phase Deviation.	35, 4, 1023-1033	10.18280/ijht.350439	Mekroussi S., Kherris S., Mebarki B., Benchatti A. (2017). Mixed convection in complicated cavity with non-uniform heating on both sidewalls, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1023-1033. DOI: 10.18280/ijht.350439
40	Emani S., Yusoh N.A., Gounder R.M., Shaari K.Z.K.	Effect of operating conditions on crude oil fouling through CFD simulations	Asphaltenes, CFD, Crude Oil, Fouling, Heat Transfer.	35, 4, 1034-1044	10.18280/ijht.350440	Emani S., Yusoh N.A., Gounder R.M., Shaari K.Z.K. (2017). Effect of operating conditions on crude oil fouling through CFD simulations, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1034-1044. DOI: 10.18280/ijht.350440
41	Guo R., Zhang W.M., Jiang J.Z., Li J., Zhang Y.T.	Gas-liquid two-phase flow characteristics in pump-assisted evacuation process for pipeline	Hilly-terrain Pipeline, Pump-assisted Evacuation, Gas Liquid Flow, Flow Pattern Transition, Pressure Fluctuation.	35, 4, 1045-1050	10.18280/ijht.350441	Guo R., Zhang W.M., Jiang J.Z., Li J., Zhang Y.T. (2017). Gas-liquid two-phase flow characteristics in pump-assisted evacuation process for pipeline, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1045-1050. DOI: 10.18280/ijht.350441
42	Negro E., Cardinale N., Rospi G.	Technical feasibility of heating systems for two school districts in the town of Matera	Heat Pump Cogeneration Plant, Energy Audit, Energy Performance, Technical Feasibility.	35, 4, 1051-1060	10.18280/ijht.350442	Negro E., Cardinale N., Rospi G. (2017). Technical feasibility of heating systems for two school districts in the town of Matera, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1051-1060. DOI: 10.18280/ijht.350442

43	Liao W.T., Deng X.Y.	Numerical simulation of pressure relief gas flow under mining conditions	Pressure Relief Gas (PRG), Buried Pipe Extraction, Numerical Simulation, Overlying and Underlying Coal-rock Masses.	35, 4, 1061-1064	10.18280/ijht.350443	Liao W.T., Deng X.Y. (2017). Numerical simulation of pressure relief gas flow under mining conditions, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1061-1064. DOI: 10.18280/ijht.350443
44	Moungar H., Ahmed A., Youcef S., Aabelkrim H.	Immersed fins influence on the double slope solar still production in south Algeria climatic condition	Solar Still, Distilled Water, Shadow, Immersed Fins, Radiative Flux.	35, 4, 1065-1071	10.18280/ijht.350444	Moungar H., Ahmed A., Youcef S., Aabelkrim H. (2017). Immersed fins influence on the double slope solar still production in south Algeria climatic condition, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 4, pp. 1065-1071. DOI: 10.18280/ijht.350444
45	Ajibade A.O., Onoja T.U.	Entropy generation and irreversibility analysis due to steady mixed convection flow in a vertical porous channel	Entropy Generation, Mixed Convection, Homotopy Perturbation, Irreversibility Distribution.	35, 3, 433-446	10.18280/ijht.350301	Ajibade A.O., Onoja T.U. (2017). Entropy generation and irreversibility analysis due to steady mixed convection flow in a vertical porous channel, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 433-446. DOI: 10.18280/ijht.350301
46	Boutra A., Ragui K., Labsi N., Benkahla Y.K.	Free convection enhancement within a nanofluid' filled enclosure with square heaters	Natural Convection, Square Enclosure, Ag-Water Nanofluid, CuO-Water Nanofluid, Al ₂ O ₃ -Water Nanofluid, Square Heaters, Finite Volume Approach.	35, 3, 447-458	10.18280/ijht.350302	Boutra A., Ragui K., Labsi N., Benkahla Y.K. (2017). Free convection enhancement within a nanofluid' filled enclosure with square heaters, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 447-458. DOI: 10.18280/ijht.350302
47	Ambethkar V., Kumar M.	Numerical solutions of 2-D unsteady incompressible flow with heat transfer in a driven square cavity using streamfunction-vorticity formulation	Components of Velocity, Isobars, Isotherms, Low and Moderate Reynolds Numbers, No-Slip and Slip Boundary Conditions, Nusselt Number, Stream Function-Vorticity Formulation, Two Sided Lid-Driven Square Cavity.	35, 3, 459-473	10.18280/ijht.350303	Ambethkar V., Kumar M. (2017). Numerical solutions of 2-D unsteady incompressible flow with heat transfer in a driven square cavity using streamfunction-vorticity formulation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 459-473. DOI: 10.18280/ijht.350303
48	Mesmoudi K., Meguellati K., Bournet P.E.	Thermal analysis of greenhouses installed under semi arid climate	Greenhouse Design, Thermal Analysis, CFD Simulation, Radiation, Coupled Model.	35, 3, 474-486	10.18280/ijht.350304	Mesmoudi K., Meguellati K., Bournet P.E. (2017). Thermal analysis of greenhouses installed under semi arid climate, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 474-486. DOI: 10.18280/ijht.350304
49	Srinivasacharya D., Shafeeurrahman M.	Joule heating effect on entropy generation in MHD mixed convection flow of chemically reacting nanofluid between two concentric cylinders	Entropy Generation, Chemical Reaction, MHD, Nanofluid, Concentric Cylinders, Joule Heating Effect, HAM.	35, 3, 487-497	10.18280/ijht.350305	Srinivasacharya D., Shafeeurrahman M. (2017). Joule heating effect on entropy generation in MHD mixed convection flow of chemically reacting nanofluid between two concentric cylinders, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 487-497. DOI: 10.18280/ijht.350305
50	Bataineh K., Taamneh Y.	Performance analysis of stand-alone solar dish Stirling system for electricity generation	Standalone Solar Dish Stirling, Solar Thermal Power, Performance, Energy Conversion Efficiency, SAM, Techno Economic.	35, 3, 498-508	10.18280/ijht.350306	Bataineh K., Taamneh Y. (2017). Performance analysis of stand-alone solar dish Stirling system for electricity generation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 498-508. DOI: 10.18280/ijht.350306
51	Sarma P.K., Konijeti R., Subramanyam T., Prasad L.S.V., Korada V.S., Srinivas V., Vedula D.R., Prasad V.S.R.K.	Fouling and its effect on the thermal performance of heat exchanger tubes	Fouling, Heat Exchangers, Maintenance, Critical Period, Unsteady State.	35, 3, 509-519	10.18280/ijht.350307	Sarma P.K., Konijeti R., Subramanyam T., Prasad L.S.V., Korada V.S., Srinivas V., Vedula D.R., Prasad V.S.R.K. (2017). Fouling and its effect on the thermal performance of heat exchanger tubes, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 509-519. DOI: 10.18280/ijht.350307
52	Lalmi D., HadeF R.	Numerical study of the swirl direction effect at the turbulent diffusion flame characteristics	Swirl, Large Eddy Simulation, Turbulence, Flame, Co and Counter Swirl.	35, 3, 520-528	10.18280/ijht.350308	Lalmi D., HadeF R. (2017). Numerical study of the swirl direction effect at the turbulent diffusion flame characteristics, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 520-528. DOI: 10.18280/ijht.350308
53	Jawarneh A.M., Al-Widyan M., Al-Migdady A., Tlilan H., Tarawneh M., Ababneh A.	Double vortex generators for increasing the separation efficiency of the air separator	Air Separator, Double Vortex Generator, Turbulent, Multi-phase, LES.	35, 3, 529-538	10.18280/ijht.350309	Jawarneh A.M., Al-Widyan M., Al-Migdady A., Tlilan H., Tarawneh M., Ababneh A. (2017). Double vortex generators for increasing the separation efficiency of the air separator, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 529-538. DOI: 10.18280/ijht.350309
54	Aun T.S., Abdullah M.Z., Gunnasegaran P.	Influence of low concentration of diamond water nanofluid in loop heat pipe	Heat Transfer Coefficient, Loop Heat Pipe, Nanofluid, Total Thermal Resistance.	35, 3, 539-548	10.18280/ijht.350310	Aun T.S., Abdullah M.Z., Gunnasegaran P. (2017). Influence of low concentration of diamond water nanofluid in loop heat pipe, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 539-548. DOI: 10.18280/ijht.350310

55	Piancastelli L., Burnelli A., Cassani S.	Validation of a simplified method for the evaluation of pressure and temperature on a RR Merlin XX head	Optimization, Simulation, CAD, Geometry, FEA, Thermal Analysis, Piston Engine.	35, 3, 549-558	10.18280/ijht.350311	Piancastelli L., Burnelli A., Cassani S. (2017). Validation of a simplified method for the evaluation of pressure and temperature on a RR Merlin XX head, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 549-558. DOI: 10.18280/ijht.350311
56	Fei J.B., Wen H.	Experimental research on temperature variation and crack development in coalfield fire	Coal Seam, Overlying Strata, Temperature Variation, Thermal Destruction, Crack Development.	35, 3, 559-566	10.18280/ijht.350312	Fei J.B., Wen H. (2017). Experimental research on temperature variation and crack development in coalfield fire, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 559-566. DOI: 10.18280/ijht.350312
57	Messaoud H., Bachir M., Djamel S.	Numerical study of mixed convection and flow pattern in various across-shape concave enclosures	Mixed Convection, Driven Cavity, Shaped Enclosure, Finite Volume Method.	35, 3, 567-575	10.18280/ijht.350313	Messaoud H., Bachir M., Djamel S. (2017). Numerical study of mixed convection and flow pattern in various across-shape concave enclosures, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 567-575. DOI: 10.18280/ijht.350313
58	Amara I., Mazioud A., Boulaoued I., Mhimid A.	Experimental study on thermal properties of bio-composite (gypsum plaster reinforced with palm tree fibers) for building insulation	Palm-tree-fiber, Thermal Conductivity, Thermal Diffusivity, DICO Method, Modeling and Measurement.	35, 3, 576-584	10.18280/ijht.350314	Amara I., Mazioud A., Boulaoued I., Mhimid A. (2017). Experimental study on thermal properties of bio-composite (gypsum plaster reinforced with palm tree fibers) for building insulation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 576-584. DOI: 10.18280/ijht.350314
59	Li J., Zhang W.M.	Experimental research on hydraulic characteristic of centrifugal pump in plateau	Experimental Research, Plateau, Centrifugal Pump, Hydraulic Characteristics, Pressure, Flow, Efficiency.	35, 3, 585-593	10.18280/ijht.350315	Li J., Zhang W.M. (2017). Experimental research on hydraulic characteristic of centrifugal pump in plateau, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 585-593. DOI: 10.18280/ijht.350315
60	Mansouri Z., Boushaki T., Aouissi M.	Detached eddy simulation of non-reacting swirling flow in a vortex burner	Detached Eddy Simulation, Precessing Vortex Core, Swirl, Vortex Burner.	35, 3, 594-602	10.18280/ijht.350316	Mansouri Z., Boushaki T., Aouissi M. (2017). Detached eddy simulation of non-reacting swirling flow in a vortex burner, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 594-602. DOI: 10.18280/ijht.350316
61	Vinod P.D., Singh S.N.	Thermo-hydraulic performance analysis of jet plate solar air heater under cross flow condition	Jet Plate, Collector Efficiency, Absorber Plate, Convective Heat Transfer Coefficient, Nusselt Number, Friction Factor.	35, 3, 603-610	10.18280/ijht.350317	Vinod P.D., Singh S.N. (2017). Thermo-hydraulic performance analysis of jet plate solar air heater under cross flow condition, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 603-610. DOI: 10.18280/ijht.350317
62	Fan J.W., Liu Y., Liu L.L., Yang S.R.	Hydrodynamics of residual oil droplet displaced by polymer solution in micro-channels of lipophilic rocks	Polymer Waterflooding, Viscoelasticity, Stress Distribution, Weissenberg Number.	35, 3, 611-618	10.18280/ijht.350318	Fan J.W., Liu Y., Liu L.L., Yang S.R. (2017). Hydrodynamics of residual oil droplet displaced by polymer solution in micro-channels of lipophilic rocks, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 611-618. DOI: 10.18280/ijht.350318
63	Maouassi A., Baghidja A., Daoud S., Zeraibi N.	Numerical study of nanofluid heat transfer SiO ₂ through a solar flat plate collector	Solar Energy, CFD, Nanofluid, Heat Transfer, SiO ₂ Nanoparticles, Solar Flat Plate Collector.	35, 3, 619-625	10.18280/ijht.350319	Maouassi A., Baghidja A., Daoud S., Zeraibi N. (2017). Numerical study of nanofluid heat transfer SiO ₂ through a solar flat plate collector, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 619-625. DOI: 10.18280/ijht.350319
64	Gao X.Q., Zhu Y.H., Wang J.J., Jin Y.H.	Effects of elbow structure of natural gas pipeline on condensation of water vapor	Elbow, Condensate, Two-phase Flow, UDF.	35, 3, 626-632	10.18280/ijht.350320	Gao X.Q., Zhu Y.H., Wang J.J., Jin Y.H. (2017). Effects of elbow structure of natural gas pipeline on condensation of water vapor, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 626-632. DOI: 10.18280/ijht.350320
65	Hassan A.R., Adesanya S.O., Lebelo R.S., Falade J.A.	Irreversibility analysis for a mixed convective flow of a reactive couple stress fluid flow through channel saturated porous materials	Reactive Fluid, Couple Stress Fluid, Porous Medium, Buoyancy Effect and Adomian Decomposition Method (ADM).	35, 3, 633-638	10.18280/ijht.350321	Hassan A.R., Adesanya S.O., Lebelo R.S., Falade J.A. (2017). Irreversibility analysis for a mixed convective flow of a reactive couple stress fluid flow through channel saturated porous materials, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 633-638. DOI: 10.18280/ijht.350321
66	Carla B., Giuseppe P.	Numerical multiphysics modelling for the assessment of thermo-physical and energy performance of an advanced semi-opaque active façade	Advanced Active Facade, CFD, Multiphysics, Energy Design, Sustainability.	35, 3, 639-644	10.18280/ijht.350322	Carla B., Giuseppe P. (2017). Numerical multiphysics modelling for the assessment of thermo-physical and energy performance of an advanced semi-opaque active façade, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 639-644. DOI: 10.18280/ijht.350322
67	Arunachalam U.P., Edwin M.	Theoretical investigation of a ceramic monolith heat exchanger using silicon carbide and aluminium nitride as heat exchanger material	Ceramic Recuperator, Cross Flow Heat Exchanger, Effectiveness, Heat Transfer, Pressure Drop.	35, 3, 645-650	10.18280/ijht.350323	Arunachalam U.P., Edwin M. (2017). Theoretical investigation of a ceramic monolith heat exchanger using silicon carbide and aluminium nitride as heat exchanger material, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 645-650. DOI: 10.18280/ijht.350323

68	Sadeghiazad M.B.M.	Experimental and numerical study on the effect of the convergence angle, injection pressure and injection number on thermal performance of straight vortex tube	Experimental Study, Numerical Analysis, Vortex Tube, Convergent Nozzle, Cryogenic Capacity, Optimization.	35, 3, 651-656	10.18280/ijht.350324	Sadeghiazad M.B.M. (2017). Experimental and numerical study on the effect of the convergence angle, injection pressure and injection number on thermal performance of straight vortex tube, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 651-656. DOI: 10.18280/ijht.350324
69	Djedai H., Mdouki R., Mansouri Z., Aouissi M.	Numerical investigation of three-dimensional separation control in an axial compressor cascade	Axial Compressor, Boundary Layer Blowing, Flow Control, Flow Topology, Separation.	35, 3, 657-662	10.18280/ijht.350325	Djedai H., Mdouki R., Mansouri Z., Aouissi M. (2017). Numerical investigation of three-dimensional separation control in an axial compressor cascade, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 657-662. DOI: 10.18280/ijht.350325
70	Zheng J.H., Zhang W.M., Jiang J.Z., Guo R.	CFD simulation and experimental study of water-oil displacement flow in an inclined pipe	Immiscible Displacement, Residual Layer, Interface Instability, Numerical Simulation.	35, 3, 663-667	10.18280/ijht.350326	Zheng J.H., Zhang W.M., Jiang J.Z., Guo R. (2017). CFD simulation and experimental study of water-oil displacement flow in an inclined pipe, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 663-667. DOI: 10.18280/ijht.350326
71	Sadeghiazad M.B.M.	Experimental study on thermal performance of double circuit vortex tube (DCVT) - Effect of heat transfer controller angle	Double Circuit Vortex Tube, Heat Transfer Controller Angle, Energy Separation, Main Length.	35, 3, 668-672	10.18280/ijht.350327	Sadeghiazad M.B.M. (2017). Experimental study on thermal performance of double circuit vortex tube (DCVT) - Effect of heat transfer controller angle, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 668-672. DOI: 10.18280/ijht.350327
72	Mohamed S., Mokhtar A., Chatti T.B.	Numerical simulation of the compressible flow in convergent-divergent nozzle	Converging-diverging Nozzle, Turbulence, Shock Wave, Supersonic, Compressible Flow, Finite Volume.	35, 3, 673-677	10.18280/ijht.350328	Mohamed S., Mokhtar A., Chatti T.B. (2017). Numerical simulation of the compressible flow in convergent-divergent nozzle, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 673-677. DOI: 10.18280/ijht.350328
73	Bilonoga Y., Maksysko O.	Modeling the interaction of coolant flows at the liquid-solid boundary with allowance for the laminar boundary layer	Average Thickness of the Laminar Boundary Layers, Surface Number, Turbulence Coefficient, Surfactants, Coefficient of Surface Tension.	35, 3, 678-682	10.18280/ijht.350329	Bilonoga Y., Maksysko O. (2017). Modeling the interaction of coolant flows at the liquid-solid boundary with allowance for the laminar boundary layer, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 678-682. DOI: 10.18280/ijht.350329
74	Li Z., Li J., Yang W., Liang J.B.	The simplified calculation model of pneumatic garbage transportation at acceleration period in horizontal straight pipe	Pneumatic Garbage Collection, Horizontal Straight Pipe, Simplified Model, Equivalent Drag Coefficient, Equivalent Particle Number Ratio.	35, 3, 683-687	10.18280/ijht.350330	Li Z., Li J., Yang W., Liang J.B. (2017). The simplified calculation model of pneumatic garbage transportation at acceleration period in horizontal straight pipe, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 683-687. DOI: 10.18280/ijht.350330
75	Polonara F., Kuijpers L.J.M., Peixoto R.A.	Potential impacts of the Montreal Protocol Kigali Amendment to the choice of refrigerant alternatives	Montreal Protocol, HFCs, Kigali Amendment, HFC Regulations, Low-GWP Refrigerants.	35, Sp. 1, S1-S8	10.18280/ijht.35Sp0101	Polonara F., Kuijpers L.J.M., Peixoto R.A. (2017). Potential impacts of the Montreal Protocol Kigali Amendment to the choice of refrigerant alternatives, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S1-S8. DOI: 10.18280/ijht.35Sp0101
76	Scafetta N., Mirandola A., Bianchini A.	Natural climate variability, part 1: Observations versus the modeled predictions	Climate Change, Post 2000 Temperature Standstill, Climate Models, Natural Climatic Oscillations.	35, Sp. 1, S9-S17	10.18280/ijht.35Sp0102	Scafetta N., Mirandola A., Bianchini A. (2017). Natural climate variability, part 1: Observations versus the modeled predictions, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S9-S17. DOI: 10.18280/ijht.35Sp0102
77	Scafetta N., Mirandola A., Bianchini A.	Natural climate variability, part 2: Interpretation of the post 2000 temperature standstill	Climate Change, Post 2000 Temperature Standstill, Climate Models, Natural Climatic Oscillations.	35, Sp. 1, S18-S26	10.18280/ijht.35Sp0103	Scafetta N., Mirandola A., Bianchini A. (2017). Natural climate variability, part 2: Interpretation of the post 2000 temperature standstill, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S18-S26. DOI: 10.18280/ijht.35Sp0103
78	Lodi C., Malaguti V., Contini F.M., Sala L., Muscio A., Tartarini P.	University energy planning for reducing energy consumption and GHG emissions: the case study of a university campus in Italy	Energy Planning, Benchmark, Energy Audit, Normalization, Degree-days.	35, Sp. 1, S27-S32	10.18280/ijht.35Sp0104	Lodi C., Malaguti V., Contini F.M., Sala L., Muscio A., Tartarini P. (2017). University energy planning for reducing energy consumption and GHG emissions: the case study of a university campus in Italy, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S27-S32. DOI: 10.18280/ijht.35Sp0104
79	Silenzi F., Priarone A., Fossa M.	Energy demand modeling and forecast of Monoblocco Building at the city hospital of Genova according to different retrofit scenarios	Energy Saving, Buildings, Retrofitting, Energy Plus, Dynamic Simulations.	35, Sp. 1, S33-S40	10.18280/ijht.35Sp0105	Silenzi F., Priarone A., Fossa M. (2017). Energy demand modeling and forecast of Monoblocco Building at the city hospital of Genova according to different retrofit scenarios, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S33-S40. DOI: 10.18280/ijht.35Sp0105
80	Gagliano A., Nocera F.	Analysis of the performances of electric energy storage in residential applications	Electric Energy Storage, PV Plant, Renewable Energy, Energy Costs.	35, Sp. 1, S41-S48	10.18280/ijht.35Sp0106	Gagliano A., Nocera F. (2017). Analysis of the performances of electric energy storage in residential applications, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S41-S48. DOI: 10.18280/ijht.35Sp0106

81	Dirutigliano D., Delmastro C., Moghadam S.T.	Energy efficient urban districts: A multi-criteria application for selecting retrofit actions	Multi Criteria Analysis, Urban District, Energy Savings Scenarios, Building Stock, GIS.	35, Sp. 1, S49-S57	10.18280/ijht.35Sp0107	Dirutigliano D., Delmastro C., Moghadam S.T. (2017). Energy efficient urban districts: A multi-criteria application for selecting retrofit actions, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S49-S57. DOI: 10.18280/ijht.35Sp0107
82	Arteconi A., Polonra F.	Demand side management in refrigeration applications	Refrigeration, DSM, DR, Flexibility.	35, Sp. 1, S58-S63	10.18280/ijht.35Sp0108	Arteconi A., Polonra F. (2017). Demand side management in refrigeration applications, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S58-S63. DOI: 10.18280/ijht.35Sp0108
83	Bergero S., Cavalletti P., Michelini M.	Analysis of thermal control and heat accounting economic convenience in typical Italian housing unit and climatic zones	Thermal Control, Heat Accounting, Cost-benefit Analysis, Directive 2012/27/UE.	35, Sp. 1, S64-S70	10.18280/ijht.35Sp0109	Bergero S., Cavalletti P., Michelini M. (2017). Analysis of thermal control and heat accounting economic convenience in typical Italian housing unit and climatic zones, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S64-S70. DOI: 10.18280/ijht.35Sp0109
84	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D.	Predictive methods to estimate the producibility of PV/T solar collectors	Electrical Analogy, Solar Collectors, PV/T Collectors.	35, Sp. 1, S71-S77	10.18280/ijht.35Sp0110	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Cucumo D. (2017). Predictive methods to estimate the producibility of PV/T solar collectors, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S71-S77. DOI: 10.18280/ijht.35Sp0110
85	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F.	Law of motion of reflectors for a linear Fresnel plant	Concentrating Solar Power, Linear Fresnel, Law of Motion, Primary Reflectors.	35, Sp. 1, S78-S86	10.18280/ijht.35Sp0111	Cucumo M.A., Ferraro V., Kaliakatsos D., Mele M., Nicoletti F. (2017). Law of motion of reflectors for a linear Fresnel plant, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S78-S86. DOI: 10.18280/ijht.35Sp0111
86	Cannistraro G., Cannistraro M., Trovato G.	Islands "Smart Energy" for eco-sustainable energy a case study "Favignana Island"	Sustainable Energy, Photovoltaic, Wind Power, Energy Swell, Water Resources.	35, Sp. 1, S87-S95	10.18280/ijht.35Sp0112	Cannistraro G., Cannistraro M., Trovato G. (2017). Islands "Smart Energy" for eco-sustainable energy a case study "Favignana Island", <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S87-S95. DOI: 10.18280/ijht.35Sp0112
87	Puglia M., Pedrazzi S., Allesina G., Morselli N., Tartarini P.	Vine prunings biomass as fuel in wood stoves for thermal power production	Efficiency, Power, Prunings, Stove, Vine.	35, Sp. 1, S96-S101	10.18280/ijht.35Sp0113	Puglia M., Pedrazzi S., Allesina G., Morselli N., Tartarini P. (2017). Vine prunings biomass as fuel in wood stoves for thermal power production, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S96-S101. DOI: 10.18280/ijht.35Sp0113
88	Barbato M., Cirillo L., Menditto L., Moretti R., Nardini S.	Geothermal energy application in Campi Flegrei Area: The case study of a swimming pool building	Geothermal Energy, Renewable Energy, Life Cycle Energy Analysis, Swimming Pool, Heat Pump.	35, Sp. 1, S102-S107	10.18280/ijht.35Sp0114	Barbato M., Cirillo L., Menditto L., Moretti R., Nardini S. (2017). Geothermal energy application in Campi Flegrei Area: The case study of a swimming pool building, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S102-S107. DOI: 10.18280/ijht.35Sp0114
89	Marino C., Nucera A., Nucera G., Pietrafesa M.	Economic, energetic and environmental analysis of the waste management system of Reggio Calabria	Waste, Recycling, Landfill, Greenhouse Gas Emission.	35, Sp. 1, S108-S116	10.18280/ijht.35Sp0115	Marino C., Nucera A., Nucera G., Pietrafesa M. (2017). Economic, energetic and environmental analysis of the waste management system of Reggio Calabria, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S108-S116. DOI: 10.18280/ijht.35Sp0115
90	Bianco V., Piazza G., Scarpa F., Tagliafico L.A.	Energy, economic and environmental assessment of the utilization of heat pumps for buildings heating in the Italian residential sector	Energy Planning, Heat Pumps, Energy Strategy, Energy Management, Energy Policy.	35, Sp. 1, S117-S122	10.18280/ijht.35Sp0116	Bianco V., Piazza G., Scarpa F., Tagliafico L.A. (2017). Energy, economic and environmental assessment of the utilization of heat pumps for buildings heating in the Italian residential sector, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S117-S122. DOI: 10.18280/ijht.35Sp0116
91	Fateh A., Borelli D., Devia F., Weinläeder H.	Dynamic modelling of the solar radiation exposure effects on the thermal performance of a PCMs-integrated wall	PCM, Solar, Dynamic Modeling, Horizontal, Sun Declination Angle.	35, Sp. 1, S123-S129	10.18280/ijht.35Sp0117	Fateh A., Borelli D., Devia F., Weinläeder H. (2017). Dynamic modelling of the solar radiation exposure effects on the thermal performance of a PCMs-integrated wall, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S123-S129. DOI: 10.18280/ijht.35Sp0117
92	Calabrò P.S., Panzera M.F.	Biomethane production tests on ensiled orange peel waste	Anaerobic Digestion Process, Biogas, Ensiling, Methane, Orange Peel Waste.	35, Sp. 1, S130-S136	10.18280/ijht.35Sp0118	Calabrò P.S., Panzera M.F. (2017). Biomethane production tests on ensiled orange peel waste, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S130-S136. DOI: 10.18280/ijht.35Sp0118
93	Scafetta N., Fortelli A., Mazzarella A.	Meteo-climatic characterization of Naples and its heating-cooling degree day areal distribution	Urban Heat Island, Heating and Cooling Degree Days, City Energy Consumption, Zonation.	35, Sp. 1, S137-S144	10.18280/ijht.35Sp0119	Scafetta N., Fortelli A., Mazzarella A. (2017). Meteo-climatic characterization of Naples and its heating-cooling degree day areal distribution, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S137-S144. DOI: 10.18280/ijht.35Sp0119
94	Quinlan B., Kaufmann B., Allesina G., Pedrazzi S., Hasty J., Puglia M., Morselli N., Tartarini P.	The use of on-line colorimetry for tar content evaluation in gasification systems	Biomass, Gasification, Syngas, Tars, Light Absorbance.	35, Sp. 1, S145-S151	10.18280/ijht.35Sp0120	Quinlan B., Kaufmann B., Allesina G., Pedrazzi S., Hasty J., Puglia M., Morselli N., Tartarini P. (2017). The use of on-line colorimetry for tar content evaluation in gasification systems, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S145-S151. DOI: 10.18280/ijht.35Sp0120

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96	Nocera F., Gagliano A., Evola G., Marletta L., Faraci A.	The Kyoto Rotation Fund as a policy tool for climate change mitigation: The case study of an Italian school	Kyoto Fund, School, Energy Efficiency, School Retrofitting, Energy Saving.	35, Sp. 1, S159-S165	10.18280/ijht.35Sp0122	Nocera F., Gagliano A., Evola G., Marletta L., Faraci A. (2017). The Kyoto Rotation Fund as a policy tool for climate change mitigation: The case study of an Italian school, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S159-S165. DOI: 10.18280/ijht.35Sp0122
97	Rovense F., Perez M.S., Amelio M., Ferraro V., Scornaienchi N.M.	Feasibility analysis of a solar field for a closed unfired Joule-Brayton cycle	Concentrated Solar Power, Solar Gas Turbine, Heliostat Solar Field, Closed Joule-Brayton Cycle.	35, Sp. 1, S166-S171	10.18280/ijht.35Sp0123	Rovense F., Perez M.S., Amelio M., Ferraro V., Scornaienchi N.M. (2017). Feasibility analysis of a solar field for a closed unfired Joule-Brayton cycle, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S166-S171. DOI: 10.18280/ijht.35Sp0123
98	Malaguti V., Lodi C., Sassatelli M., Pedrazzi S., Allesina G., Tartarini P.	Dynamic behavior investigation of a micro biomass CHP system for residential use	Gasification, Trnsys, Combined Heat and Power, Dynamic Simulation, Biomass.	35, Sp. 1, S172-S178	10.18280/ijht.35Sp0124	Malaguti V., Lodi C., Sassatelli M., Pedrazzi S., Allesina G., Tartarini P. (2017). Dynamic behavior investigation of a micro biomass CHP system for residential use, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S172-S178. DOI: 10.18280/ijht.35Sp0124
99	Casano G., Fossa M., Piva S.	Design and experimental characterization of a CPC solar collector	Solar Thermal Collector, Non-imaging Optics, CPC.	35, Sp. 1, S179-S185	10.18280/ijht.35Sp0125	Casano G., Fossa M., Piva S. (2017). Design and experimental characterization of a CPC solar collector, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S179-S185. DOI: 10.18280/ijht.35Sp0125
100	Borreani W., Bruzzone M., Chersola D., Firpo G., Lomonaco G., Palmero M., Panza F., Ripani M., Saracco P., Viberti C.M.	Preliminary thermal-fluid-dynamic assessment of an ADS irradiation facility for fast and slow neutrons	ADS, CFD, ANSYS FLUENT, OpenFOAM, CHANDA.	35, Sp. 1, S186-S190	10.18280/ijht.35Sp0126	Borreani W., Bruzzone M., Chersola D., Firpo G., Lomonaco G., Palmero M., Panza F., Ripani M., Saracco P., Viberti C.M. (2017). Preliminary thermal-fluid-dynamic assessment of an ADS irradiation facility for fast and slow neutrons, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S186-S190. DOI: 10.18280/ijht.35Sp0126
101	Fichera A., Frasca M., Volpe R.	The centralized energy supply in a network of distributed energy systems: A cost-based mathematical approach	Centralized Energy Supply, Complex Networks, Urban Areas, Distributed Energy Systems.	35, Sp. 1, S191-S195	10.18280/ijht.35Sp0127	Fichera A., Frasca M., Volpe R. (2017). The centralized energy supply in a network of distributed energy systems: A cost-based mathematical approach, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S191-S195. DOI: 10.18280/ijht.35Sp0127
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103	Magrini A., Lazzari S., Marengo L.	Energy retrofitting of buildings and hygrothermal performance of building components: Application of the assessment methodology to a case study of social housing	EPBD, Energy Performance, Vapour Condensation Risk, Building Refurbishment, NZEB.	35, Sp. 1, S205-S213	10.18280/ijht.35Sp0129	Magrini A., Lazzari S., Marengo L. (2017). Energy retrofitting of buildings and hygrothermal performance of building components: Application of the assessment methodology to a case study of social housing, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S205-S213. DOI: 10.18280/ijht.35Sp0129
104	Bagnasco A., Catanzariti R., Coppi L., Fresi F., Silvestro F., Vinci A.	Multi facility energy monitoring in medical structures: Defining KPIs for energy saving and exporting best practices	Energy Monitoring, Hospitals, Energy Efficiency, KPI, Facility Management.	35, Sp. 1, S214-S220	10.18280/ijht.35Sp0130	Bagnasco A., Catanzariti R., Coppi L., Fresi F., Silvestro F., Vinci A. (2017). Multi facility energy monitoring in medical structures: Defining KPIs for energy saving and exporting best practices, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S214-S220. DOI: 10.18280/ijht.35Sp0130
105	Silvestro F., Bagnasco A., Lanza I., Massucco S., Vinci A.	Energy efficient policy and real time energy monitoring in a large hospital facility: A case study	Energy Efficiency, Energy Monitoring System, Hospital Facilities, Demand Side Management, Energy Consumption Optimization.	35, Sp. 1, S221-S227	10.18280/ijht.35Sp0131	Silvestro F., Bagnasco A., Lanza I., Massucco S., Vinci A. (2017). Energy efficient policy and real time energy monitoring in a large hospital facility: A case study, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S221-S227. DOI: 10.18280/ijht.35Sp0131

106	Negro E., Cardinale N., Rospi G.	Design of small cogeneration system for public buildings in the town of Matera	Cogeneration Plant, Energy Audit, Energy Performance, Technical and Economic Feasibility, White Certificates.	35, Sp. 1, S228-S235	10.18280/ijht.35Sp0132	Negro E., Cardinale N., Rospi G. (2017). Design of small cogeneration system for public buildings in the town of Matera, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S228-S235. DOI: 10.18280/ijht.35Sp0132
107	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V.	Optimization of microclimate control systems for air-conditioned environments	Dynamic Simulation, Air Conditioning, Control Systems, Microclimate, Energy Efficiency.	35, Sp. 1, S236-S243	10.18280/ijht.35Sp0133	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V. (2017). Optimization of microclimate control systems for air-conditioned environments, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S236-S243. DOI: 10.18280/ijht.35Sp0133
108	Benato A., Stoppato A., Mirandola A.	State-of-the-art and future development of sensible heat thermal electricity storage systems	Energy Storage, Pumped Thermal Electricity Storage, PHS, CAES.	35, Sp. 1, S244-S251	10.18280/ijht.35Sp0134	Benato A., Stoppato A., Mirandola A. (2017). State-of-the-art and future development of sensible heat thermal electricity storage systems, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S244-S251. DOI: 10.18280/ijht.35Sp0134
109	Ierardi L., Liuzzi S., Stefanizzi P.	Visual and energy performance of glazed office buildings in Mediterranean climate	Glazed Envelope, Simulation, Thermal Comfort, Visual Comfort, Energy Consumption.	35, Sp. 1, S252-S260	10.18280/ijht.35Sp0135	Ierardi L., Liuzzi S., Stefanizzi P. (2017). Visual and energy performance of glazed office buildings in Mediterranean climate, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S252-S260. DOI: 10.18280/ijht.35Sp0135
110	Gulotta T.M., Guarino F., Cellura M., Lorenzini G.	Constructal law optimization of a boiler	Boiler, Constructal Law, Modelling, Parametric Analysis, Overall Performance Coefficient.	35, Sp. 1, S261-S269	10.18280/ijht.35Sp0136	Gulotta T.M., Guarino F., Cellura M., Lorenzini G. (2017). Constructal law optimization of a boiler, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S261-S269. DOI: 10.18280/ijht.35Sp0136
111	Borreani W., Devia F., Lomonaco G., Marchitto A.	CFD initial assessment of a protrusions based experimental facility	Compact Heat Exchangers, Protrusions, Parallel Channels, CFD Simulations, OpenFOAM.	35, Sp. 1, S270-S280	10.18280/ijht.35Sp0137	Borreani W., Devia F., Lomonaco G., Marchitto A. (2017). CFD initial assessment of a protrusions based experimental facility, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S270-S280. DOI: 10.18280/ijht.35Sp0137
112	Erkinaci T., Baytas F.	CFD investigation of a sensible packed bed thermal energy storage system with different porous materials	Thermal Energy Storage, Sensible Packed Bed, Porous Medium, Storage Material, CFD Fluent.	35, Sp. 1, S281-S287	10.18280/ijht.35Sp0138	Erkinaci T., Baytas F. (2017). CFD investigation of a sensible packed bed thermal energy storage system with different porous materials, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S281-S287. DOI: 10.18280/ijht.35Sp0138
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114	Gotovsky M.A., Kolpakov S.P., Mikhailov V.E., Sukhorukov Y.G., Trifonov N.N.	Ways of dimpling use for efficiency improvement of shell and tube heat exchangers with finned tubes	Plate-and-Tube Heat Exchanger, Heat Transfer Enhancement, Dimples, Plane Fins.	35, Sp. 1, S293-S299	10.18280/ijht.35Sp0140	Gotovsky M.A., Kolpakov S.P., Mikhailov V.E., Sukhorukov Y.G., Trifonov N.N. (2017). Ways of dimpling use for efficiency improvement of shell and tube heat exchangers with finned tubes, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S293-S299. DOI: 10.18280/ijht.35Sp0140
115	Borreani W., Chersola D., Lomonaco G., Misale M.	Assessment of a 2D CFD model for a single phase natural circulation loop	CFD, Natural Circulation, ANSYS-FLUENT, Single Phase, Rectangular Loop.	35, Sp. 1, S300-S306	10.18280/ijht.35Sp0141	Borreani W., Chersola D., Lomonaco G., Misale M. (2017). Assessment of a 2D CFD model for a single phase natural circulation loop, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S300-S306. DOI: 10.18280/ijht.35Sp0141
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117	Bottarelli M., Bortoloni M.	On the heat transfer through roof tile coverings	Ventilated Roof, Above Sheathing Ventilation, Tile Air Permeability, CFD, Novel Tile Shapes.	35, Sp. 1, S316-S321	10.18280/ijht.35Sp0143	Bottarelli M., Bortoloni M. (2017). On the heat transfer through roof tile coverings, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S316-S321. DOI: 10.18280/ijht.35Sp0143
118	Zaccone R., Sacile R., Fossa M.	Energy modelling and decision support algorithm for the exploitation of biomass resources in industrial districts	Biomass, Cogeneration, District Heating, CHP Plant, Optimization.	35, Sp. 1, S322-S329	10.18280/ijht.35Sp0144	Zaccone R., Sacile R., Fossa M. (2017). Energy modelling and decision support algorithm for the exploitation of biomass resources in industrial districts, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S322-S329. DOI: 10.18280/ijht.35Sp0144

119	Mahabaleshwar U., Lorenzini G.	Combined effect of heat source/sink and stress work on MHD Newtonian fluid flow over a stretching porous sheet	MHD, Newtonian Fluid, Stretching/Shrinking Sheet, Porous Medium, Mass Transfer, Non-Linear Differential Equation, Heat Transfer, Kummer'S Function.	35, Sp. 1, S330-S335	10.18280/ijht.35Sp0145	Mahabaleshwar U., Lorenzini G. (2017). Combined effect of heat source/sink and stress work on MHD Newtonian fluid flow over a stretching porous sheet, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S330-S335. DOI: 10.18280/ijht.35Sp0145
120	Guazzi G., Bellazzi A., Meroni I., Magrini A.	Refurbishment design through cost-optimal methodology: The case study of a social housing in the northern Italy	Cost-optimal Methodology, Energy Refurbishment, Energy Saving, Social Housing Refurbishment.	35, Sp. 1, S336-S344	10.18280/ijht.35Sp0146	Guazzi G., Bellazzi A., Meroni I., Magrini A. (2017). Refurbishment design through cost-optimal methodology: The case study of a social housing in the northern Italy, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S336-S344. DOI: 10.18280/ijht.35Sp0146
121	Saio C., Nocentini K., Tagliafico L.A., Biwole P.H., Achard P.	Application of advanced insulating materials in historical buildings	Thermal Insulation, Silica Aerogel, Historical Buildings, Energy Savings.	35, Sp. 1, S345-S352	10.18280/ijht.35Sp0147	Saio C., Nocentini K., Tagliafico L.A., Biwole P.H., Achard P. (2017). Application of advanced insulating materials in historical buildings, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S345-S352. DOI: 10.18280/ijht.35Sp0147
122	Bianco V., Diana A., Manca O., Nardini S.	Thermal behavior evaluation of ventilated roof under summer and winter conditions	Ventilated Roof, Numerical Investigation, Summer, Winter Conditions, Energy Saving, Fluent.	35, Sp. 1, S353-S360	10.18280/ijht.35Sp0148	Bianco V., Diana A., Manca O., Nardini S. (2017). Thermal behavior evaluation of ventilated roof under summer and winter conditions, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S353-S360. DOI: 10.18280/ijht.35Sp0148
123	Angelis A.D., Ceccotti L., Saro O.	Energy savings evaluation for dry-cooler equipped plants in shopping mall buildings	Trnsys, Energy Saving, Cooling, Commercial Mall, Dry Cooler.	35, Sp. 1, S361-S366	10.18280/ijht.35Sp0149	Angelis A.D., Ceccotti L., Saro O. (2017). Energy savings evaluation for dry-cooler equipped plants in shopping mall buildings, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S361-S366. DOI: 10.18280/ijht.35Sp0149
124	Borelli D., Repetto S., Schenone C.	Numerical transient simulations of heating plants for buildings	Heating Plants, Buildings, Numerical Models, Dynamic Models, MATLAB/Simulink.	35, Sp. 1, S367-S374	10.18280/ijht.35Sp0150	Borelli D., Repetto S., Schenone C. (2017). Numerical transient simulations of heating plants for buildings, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S367-S374. DOI: 10.18280/ijht.35Sp0150
125	Cardinale T., Arleo G., Bernardo F., Feo A., Fazio P.D.	Investigations on thermal and mechanical properties of cement mortar with reed and straw fibers	Cement Mortar, Natural Organic Fiber, Thermal and Mechanical Characterization, Predictive Model, Statistical Analysis.	35, Sp. 1, S375-S382	10.18280/ijht.35Sp0151	Cardinale T., Arleo G., Bernardo F., Feo A., Fazio P.D. (2017). Investigations on thermal and mechanical properties of cement mortar with reed and straw fibers, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S375-S382. DOI: 10.18280/ijht.35Sp0151
126	Apra C., Greco A., Maiorino A., Masselli C.	Analyzing the energetic performances of AMR regenerator working with different magnetocaloric materials: Investigations and viewpoints	Magnetic Refrigeration, AMR, Numerical Model, Gadolinium, Performance Map.	35, Sp. 1, S383-S390	10.18280/ijht.35Sp0152	Apra C., Greco A., Maiorino A., Masselli C. (2017). Analyzing the energetic performances of AMR regenerator working with different magnetocaloric materials: Investigations and viewpoints, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S383-S390. DOI: 10.18280/ijht.35Sp0152
127	Barbarelli S., Florio G., Scornaienchi N.M.	Theoretical and experimental analysis of a new compressible flow small power turbine prototype	Compressible Flow, Tangential Flow Small Turbine, Rotary Channel, Test Rig.	35, Sp. 1, S391-S398	10.18280/ijht.35Sp0153	Barbarelli S., Florio G., Scornaienchi N.M. (2017). Theoretical and experimental analysis of a new compressible flow small power turbine prototype, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S391-S398. DOI: 10.18280/ijht.35Sp0153
128	Fiorentino M., Starace G.	Experimental investigations on air side heat and mass transfer phenomena in evaporative condensers	Thermo-fluid Dynamic Analysis, Evaporative Condensers, Experimental Tests, Heat Rejection, Test Bench.	35, Sp. 1, S399-S404	10.18280/ijht.35Sp0154	Fiorentino M., Starace G. (2017). Experimental investigations on air side heat and mass transfer phenomena in evaporative condensers, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S399-S404. DOI: 10.18280/ijht.35Sp0154
129	Ejaz R., Good G., Sharma S., Trancossi M.	Energetic design of a new autogyro aircraft with cyclorotors with possibility of energy harvesting	Autogyro, Energy, Exergy Evaluation, Electric Cogeneration, EMIPS.	35, Sp. 1, S405-S412	10.18280/ijht.35Sp0155	Ejaz R., Good G., Sharma S., Trancossi M. (2017). Energetic design of a new autogyro aircraft with cyclorotors with possibility of energy harvesting, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S405-S412. DOI: 10.18280/ijht.35Sp0155
130	Apra C., Greco A., Maiorino A.	An experimental evaluation of the greenhouse effect in the substitution of R134a with pure and mixed HFO in a domestic refrigerator	HFC134a, HFO1234yf, HFO1234ze, Experimental Plant, Greenhouse Effect, TEWI.	35, Sp. 1, S413-S418	10.18280/ijht.35Sp0156	Apra C., Greco A., Maiorino A. (2017). An experimental evaluation of the greenhouse effect in the substitution of R134a with pure and mixed HFO in a domestic refrigerator, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S413-S418. DOI: 10.18280/ijht.35Sp0156

131	Marino C., Misiani P., Nucara A., Pietrafesa M.	The effect of the climatic condition on the radiant asymmetry	Local Discomfort, Radiant Asymmetry, Solar Radiation.	35, Sp. 1, S419-S426	10.18280/ijht.35Sp0157	Marino C., Misiani P., Nucara A., Pietrafesa M. (2017). The effect of the climatic condition on the radiant asymmetry, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S419-S426. DOI: 10.18280/ijht.35Sp0157
132	Cucumo M., Ferraro V., Kaliakatsos D., Crea F., Tassone F., Mumoli A., Mele M.	Thermodynamic analysis of a prototype indirect screw drier for aggregates and recycled mineral aggregates	Thermodynamic Analysis, Prototype Screw Indirect Drier, Recycled Aggregates.	35, Sp. 1, S427-S434	10.18280/ijht.35Sp0158	Cucumo M., Ferraro V., Kaliakatsos D., Crea F., Tassone F., Mumoli A., Mele M. (2017). Thermodynamic analysis of a prototype indirect screw drier for aggregates and recycled mineral aggregates, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S427-S434. DOI: 10.18280/ijht.35Sp0158
133	Rocca V.L., Morale M., Peri G., Scaccianoce G.	A solar pond for feeding a thermoelectric generator or an organic Rankine cycle system	Solar Pond, Organic Rankine Cycle, Solar Collector, Thermal Storage, Low Enthalpy Sources.	35, Sp. 1, S435-S441	10.18280/ijht.35Sp0159	Rocca V.L., Morale M., Peri G., Scaccianoce G. (2017). A solar pond for feeding a thermoelectric generator or an organic Rankine cycle system, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S435-S441. DOI: 10.18280/ijht.35Sp0159
134	Cannistraro G., Cannistraro M., Galvagno A., Trovato G.	Analysis and measures for energy savings in operating theaters	Air-conditioning Systems, Energy Saving, Thermal Comfort, Air Quality, Hospitals.	35, Sp. 1, S442-S448	10.18280/ijht.35Sp0160	Cannistraro G., Cannistraro M., Galvagno A., Trovato G. (2017). Analysis and measures for energy savings in operating theaters, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S442-S448. DOI: 10.18280/ijht.35Sp0160
135	Cogliandro S., Cravero C., Marini M., Spoladore A.	Simulation strategies for regenerative chambers in glass production plants with strategic exhaust gas recirculation system	Glass Furnace, Exhaust Gas Recovery System, Gas Emissivity.	35, Sp. 1, S449-S455	10.18280/ijht.35Sp0161	Cogliandro S., Cravero C., Marini M., Spoladore A. (2017). Simulation strategies for regenerative chambers in glass production plants with strategic exhaust gas recirculation system, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S449-S455. DOI: 10.18280/ijht.35Sp0161
136	Cannistraro M., Bernardo E.	Monitoring of the indoor microclimate in hospital environments a case study the Papardo hospital in Messina	Thermo-hygro-metric Comfort, Illuminance, IAQ, ISO7730, UNI10339, UNI8199.	35, Sp. 1, S456-S465	10.18280/ijht.35Sp0162	Cannistraro M., Bernardo E. (2017). Monitoring of the indoor microclimate in hospital environments a case study the Papardo hospital in Messina, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S456-S465. DOI: 10.18280/ijht.35Sp0162
137	Ferruzzi G., Rossi F., Bracale A.	Bidding strategy of a micro grid for the day-ahead energy and spinning reserve markets: the problem formulation	Smart Grid, Deregulated Markets, Risk Management, Optimization Problem.	35, Sp. 1, S466-S471	10.18280/ijht.35Sp0163	Ferruzzi G., Rossi F., Bracale A. (2017). Bidding strategy of a micro grid for the day-ahead energy and spinning reserve markets: the problem formulation, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S466-S471. DOI: 10.18280/ijht.35Sp0163
138	Andreozzi A., Buonomo B., Ercole D., Manca O.	Phase Change Materials (PCMs) in a honeycomb system for solar energy applications	Thermal Storage, PCM, Phase Change Material, Porous Media, Honeycomb.	35, Sp. 1, S472-S477	10.18280/ijht.35Sp0164	Andreozzi A., Buonomo B., Ercole D., Manca O. (2017). Phase Change Materials (PCMs) in a honeycomb system for solar energy applications, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S472-S477. DOI: 10.18280/ijht.35Sp0164
139	Arpino F., Ciccolella M., Cortellessa G., Massarotti N., Mauro A.	Influence of one porous layer insert on the transient heat transfer in a tall annulus in presence of large source terms	AC-CBS, Partially Porous Annulus, Low Darcy Number, Transient Natural Convection.	35, Sp. 1, S478-S484	10.18280/ijht.35Sp0165	Arpino F., Ciccolella M., Cortellessa G., Massarotti N., Mauro A. (2017). Influence of one porous layer insert on the transient heat transfer in a tall annulus in presence of large source terms, <i>International Journal of Heat and Technology</i> , Vol. 35, Special Issue 1, pp. S478-S484. DOI: 10.18280/ijht.35Sp0165
140	Fichera A., Pagano A.	A neural tool for the prediction of the experimental dynamics of two-phase flows	Dynamical Model, Neural Identification, Short-Term Prediction, Two-Phase Flow.	35, 2, 235-242	10.18280/ijht.350201	Fichera A., Pagano A. (2017). A neural tool for the prediction of the experimental dynamics of two-phase flows, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 235-242. DOI: 10.18280/ijht.350201
141	Pesteei S.M., Mashoofi N., Pourahmad S., Roshan A.	Numerical investigation on the effect of a modified corrugated double tube heat exchanger on heat transfer enhancement and exergy losses	Double-Tube Heat Exchanger, Exergy Losses, Heat Transfer, Modified Corrugated Tube.	35, 2, 243-248	10.18280/ijht.350202	Pesteei S.M., Mashoofi N., Pourahmad S., Roshan A. (2017). Numerical investigation on the effect of a modified corrugated double tube heat exchanger on heat transfer enhancement and exergy losses, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 243-248. DOI: 10.18280/ijht.350202
142	Huang Y., Chen L.J., Li M.J., Zhang B., Chen X.L., Zhang L.N.	Influence of radiating tube type on heat dissipation of assembled radiators	Assembled Radiator, Flat Tube Type, Heat Dissipation Performance, Wasp-waisted Tube Type.	35, 2, 249-254	10.18280/ijht.350203	Huang Y., Chen L.J., Li M.J., Zhang B., Chen X.L., Zhang L.N. (2017). Influence of radiating tube type on heat dissipation of assembled radiators, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 249-254. DOI: 10.18280/ijht.350203
143	Abdelhafidi A., Chabira S.F., Yagoubi W., Mistretta M.C., Lamantia F.P., Sebaa M., Benchatti A.	Sun radiation and temperature impact at different periods of the year on the photooxidation of polyethylene films	Low Density Polyethylene, Photooxidation, FTIR, Sun Radiation, DSC, Crystallinity Index.	35, 2, 255-261	10.18280/ijht.350204	Abdelhafidi A., Chabira S.F., Yagoubi W., Mistretta M.C., Lamantia F.P., Sebaa M., Benchatti A. (2017). Sun radiation and temperature impact at different periods of the year on the photooxidation of polyethylene films, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 255-261. DOI: 10.18280/ijht.350204

144	Adesanya S.O., Fakoya M.B., Falade J.A., Lebelo R.S., Okewole D.M.	Existence of secondary flows in a reactive viscous fluid through a channel filled with a porous medium	Multiple Solutions, Secondary Flow, Porous Medium, Combustion, Adomian Decomposition Method.	35, 2, 262-266	10.18280/ijht.350205	Adesanya S.O., Fakoya M.B., Falade J.A., Lebelo R.S., Okewole D.M. (2017). Existence of secondary flows in a reactive viscous fluid through a channel filled with a porous medium, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 262-266. DOI: 10.18280/ijht.350205
145	Guo B.	Optimal surface texture design of journal bearing with axial grooves	Surface Texture, Journal Bearing, JFO Boundary Condition, Load-carrying Capacity.	35, 2, 267-272	10.18280/ijht.350206	Guo B. (2017). Optimal surface texture design of journal bearing with axial grooves, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 267-272. DOI: 10.18280/ijht.350206
146	Ambethkar V., Kushawaha D.	Numerical simulations of fluid flow and heat transfer in a four-sided lid-driven rectangular domain	Heat Transfer, Isotherms, Nusselt Number, Velocity, Streamlines.	35, 2, 273-278	10.18280/ijht.350207	Ambethkar V., Kushawaha D. (2017). Numerical simulations of fluid flow and heat transfer in a four-sided lid-driven rectangular domain, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 273-278. DOI: 10.18280/ijht.350207
147	Belloufi Y., Brima A., Zerouali S., Atmani R., Aissaoui F., Rouag A., Moumni N.	Numerical and experimental investigation on the transient behavior of an earth air heat exchanger in continuous operation mode	Earth Air Heat Exchanger, Cooling Mode, Continuous Operation Mode, Thermal Comfort.	35, 2, 279-288	10.18280/ijht.350208	Belloufi Y., Brima A., Zerouali S., Atmani R., Aissaoui F., Rouag A., Moumni N. (2017). Numerical and experimental investigation on the transient behavior of an earth air heat exchanger in continuous operation mode, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 279-288. DOI: 10.18280/ijht.350208
148	Aissaoui F., Benmachiche A.H., Brima A., Belloufi Y., Belkhir M.	Numerical study on thermal performance of a solar air collector with fins and baffles attached over the absorber plate	Baffles, Efficiency, Fins, Solar Air Collector.	35, 2, 289-296	10.18280/ijht.350209	Aissaoui F., Benmachiche A.H., Brima A., Belloufi Y., Belkhir M. (2017). Numerical study on thermal performance of a solar air collector with fins and baffles attached over the absorber plate, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 289-296. DOI: 10.18280/ijht.350209
149	Gulotta T.M., Guarino F., Cellura M., Lorenzini G.	Constructal law optimization of a boiler	Boiler, Constructal Law, Modelling, Parametric Analysis, Overall Performance Coefficient.	35, 2, 297-305	10.18280/ijht.350210	Gulotta T.M., Guarino F., Cellura M., Lorenzini G. (2017). Constructal law optimization of a boiler, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 297-305. DOI: 10.18280/ijht.350210
150	Fu T.T., Liu J., Liao R.G.	Water holdup in no-slip oil-water two-phase stratified flow	Oil-water Two-phase Flow, No-slip Water Holdup, Inlet Water Fraction, Stratified Flow Model, Three-Phase Segregated Flow Model.	35, 2, 306-312	10.18280/ijht.350211	Fu T.T., Liu J., Liao R.G. (2017). Water holdup in no-slip oil-water two-phase stratified flow, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 306-312. DOI: 10.18280/ijht.350211
151	Hamila R., Chaabane R., Askri F., Jemni A., Nasrallah S.B.	Lattice Boltzmann method for heat transfer problems with variable thermal conductivity	LBM, RTE, Variable Thermal Conductivity, Conduction, Natural Convection.	35, 2, 313-324	10.18280/ijht.350212	Hamila R., Chaabane R., Askri F., Jemni A., Nasrallah S.B. (2017). Lattice Boltzmann method for heat transfer problems with variable thermal conductivity, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 313-324. DOI: 10.18280/ijht.350212
152	Scarpa F., Marchitto A., Tagliafico L.A.	Splitting the solar radiation in direct and diffuse components; insights and constrains on the clearness-diffuse fraction representation	Diffuse Fraction, Radiation Decomposition, Clearness.	35, 2, 325-329	10.18280/ijht.350213	Scarpa F., Marchitto A., Tagliafico L.A. (2017). Splitting the solar radiation in direct and diffuse components; insights and constrains on the clearness-diffuse fraction representation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 325-329. DOI: 10.18280/ijht.350213
153	Hamila R., Jemni A., Nasrallah S.B., Perré P.	Enthalpic lattice Boltzmann formulation for heat conduction during melting of PCMs with embedded solid blocks with different thermophysical properties	Phase Change Material, Lattice Boltzmann Method, Diffusion, Melting.	35, 2, 330-338	10.18280/ijht.350214	Hamila R., Jemni A., Nasrallah S.B., Perré P. (2017). Enthalpic lattice Boltzmann formulation for heat conduction during melting of PCMs with embedded solid blocks with different thermophysical properties, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 330-338. DOI: 10.18280/ijht.350214
154	Hu M., Liu Y.X., Ren J.B., Zhang Y., Song L.B.	Temperature-induced slaking characteristics of mudstone during dry-wet cycles	Mudstone, Temperature-Induced Effects, Rock Fragmentation, Dry-Wet Cycles, Sieving Test, Fractal Dimension.	35, 2, 339-346	10.18280/ijht.350215	Hu M., Liu Y.X., Ren J.B., Zhang Y., Song L.B. (2017). Temperature-induced slaking characteristics of mudstone during dry-wet cycles, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 339-346. DOI: 10.18280/ijht.350215
155	Belhocine A., Omar W.Z.W.	Exact Graetz problem solution by using hypergeometric function	Graetz Problem, Sturm-Liouville Problem, Hypergeometric Function, Heat Transfer.	35, 2, 347-353	10.18280/ijht.350216	Belhocine A., Omar W.Z.W. (2017). Exact Graetz problem solution by using hypergeometric function, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 347-353. DOI: 10.18280/ijht.350216
156	Shen Z.L., Zhang Y.Q.	Experimental study on flow-induced vibration and energy transformation of regular triangular prisms of different characteristic widths	Regular Triangular Prism, Flow-induced Vibration, Characteristic Width, Energy Transformation.	35, 2, 354-359	10.18280/ijht.350217	Shen Z.L., Zhang Y.Q. (2017). Experimental study on flow-induced vibration and energy transformation of regular triangular prisms of different characteristic widths, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 354-359. DOI: 10.18280/ijht.350217

157	Bhattacharyya S., Das S., Sarkar A., Guin A., Mullick A.	Numerical simulation of flow and heat transfer around hexagonal cylinder	Cylinder, Hexagonal, Forced Convection, Turbulent Flow, SST Model, Heat Transfer.	35, 2, 360-363	10.18280/ijht.350218	Bhattacharyya S., Das S., Sarkar A., Guin A., Mullick A. (2017). Numerical simulation of flow and heat transfer around hexagonal cylinder, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 360-363. DOI: 10.18280/ijht.350218
158	Zaginaylo I.V., Maksimeniuk Y.A., Pysarenko A.N.	Two-dimensional numerical simulation study of the effective thermal conductivity statistics for binary composite materials	Composite, Effective Thermal Conductivity, Heat Transfer, Numerical Simulation.	35, 2, 364-370	10.18280/ijht.350219	Zaginaylo I.V., Maksimeniuk Y.A., Pysarenko A.N. (2017). Two-dimensional numerical simulation study of the effective thermal conductivity statistics for binary composite materials, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 364-370. DOI: 10.18280/ijht.350219
159	Zhou H.J., Jia M.J., Liu B.X., Chen Z.	Thermal sensation in transient conditions at subway stations during the winter	Thermal Sensation, Passenger Comfort, Effective Temperature, Transitional Space, Subway Station.	35, 2, 371-377	10.18280/ijht.350220	Zhou H.J., Jia M.J., Liu B.X., Chen Z. (2017). Thermal sensation in transient conditions at subway stations during the winter, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 371-377. DOI: 10.18280/ijht.350220
160	De D., Pal T.K., Bandyopadhyay S.	Helical baffle design in shell and tube type heat exchanger with CFD analysis	Helical Baffles, Helix Angle, Shell and Tube Heat Exchanger, Overall Heat Transfer Coefficient, Pressure Drop	35, 2, 378-383	10.18280/ijht.350221	De D., Pal T.K., Bandyopadhyay S. (2017). Helical baffle design in shell and tube type heat exchanger with CFD analysis, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 378-383. DOI: 10.18280/ijht.350221
161	Guo L., Bai D., Wen Z., Wang X.D.	Evaluation of numerical simulation accuracy for two-ways mixed flow drip irrigation emitter based on CFD	Drip Irrigation Emitter, Numerical Simulation, Calculation Accuracy, Index, Weight Coefficient.	35, 2, 384-392	10.18280/ijht.350222	Guo L., Bai D., Wen Z., Wang X.D. (2017). Evaluation of numerical simulation accuracy for two-ways mixed flow drip irrigation emitter based on CFD, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 384-392. DOI: 10.18280/ijht.350222
162	Arunachalam U.P., Edwin M.	Experimental investigations on thermal performance of solar air heater with different absorber plates	Solar Air Heater, Glass Plate, Galvanized Iron (GI) Sheet, Thermal Efficiency, Heat Transfer.	35, 2, 393-397	10.18280/ijht.350223	Arunachalam U.P., Edwin M. (2017). Experimental investigations on thermal performance of solar air heater with different absorber plates, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 393-397. DOI: 10.18280/ijht.350223
163	Qian S.R., Qin S.J., Shi H.S.	Influencing factors of peridynamics analysis and calculation	Peridynamics, Modelling, Near-field Region Radius δ , Analysis and Calculation.	35, 2, 398-402	10.18280/ijht.350224	Qian S.R., Qin S.J., Shi H.S. (2017). Influencing factors of peridynamics analysis and calculation, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 398-402. DOI: 10.18280/ijht.350224
164	Ahrara A.J., Djavareshkianb M.H., Ataiyanc M.	Numerical simulation of Cu-water nanofluid magneto-hydro-dynamics and heat transfer in a cavity containing a circular cylinder of different size and positions	Circular Obstacle, Nanoparticles' Volume Fraction, Magnetic Field Intensity, Direction.	35, 2, 403-415	10.18280/ijht.350225	Ahrara A.J., Djavareshkianb M.H., Ataiyanc M. (2017). Numerical simulation of Cu-water nanofluid magneto-hydro-dynamics and heat transfer in a cavity containing a circular cylinder of different size and positions, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 403-415. DOI: 10.18280/ijht.350225
165	Keshtkar M.M.	Energy, exergy analysis and optimization by a genetic algorithm of a system based on a solar absorption chiller with a cylindrical PCM and nano-fluid	Exergy, Genetic Algorithm, Optimization, Storage System, Finite Volume Method.	35, 2, 416-420	10.18280/ijht.350226	Keshtkar M.M. (2017). Energy, exergy analysis and optimization by a genetic algorithm of a system based on a solar absorption chiller with a cylindrical PCM and nano-fluid, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 416-420. DOI: 10.18280/ijht.350226
166	Xue Z.P., Liu Q.Y., Emmanuel P., Qin J.W., Liu D.J., Gao W., Gong Y.J., Bai X.W.	Analysis on the effects of pre-heating temperature on mechanical properties of pellets made from corn stalk powder	Preheating Temperature, Mechanical Properties, Biomass Pellet, Corn Stalk.	35, 2, 421-425	10.18280/ijht.350227	Xue Z.P., Liu Q.Y., Emmanuel P., Qin J.W., Liu D.J., Gao W., Gong Y.J., Bai X.W. (2017). Analysis on the effects of pre-heating temperature on mechanical properties of pellets made from corn stalk powder, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 421-425. DOI: 10.18280/ijht.350227
167	Konijeti R.K., Sarma P.K., Puppala N., Sharma K.V., Prasad L.S.V.	A generalized correlation for the estimation of moisture removal in fruits and grains during hot air drying	Mass Transfer, Unsteady State, Biot Number, Fourier Number, Moisture.	35, 2, 426-432	10.18280/ijht.350228	Konijeti R.K., Sarma P.K., Puppala N., Sharma K.V., Prasad L.S.V. (2017). A generalized correlation for the estimation of moisture removal in fruits and grains during hot air drying, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 2, pp. 426-432. DOI: 10.18280/ijht.350228
168	Boukhalkhal A.L., Lasbet Y., Makhlof M., Loubar K.	Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances	Chaotic Advection, Mixing Degree, Nusselt Number, Poincaré Sections, Serpentine Channel.	35, 1, 1-10	10.18280/ijht.350101	Boukhalkhal A.L., Lasbet Y., Makhlof M., Loubar K. (2017). Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances, <i>International Journal of Heat and Technology</i> , Vol. 35, No. 1, pp. 1-10. DOI: 10.18280/ijht.350101
169	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

170	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
171	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
172	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
173	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
174	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
175	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
176	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
177	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
178	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
179	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
180	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
181	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

182	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
183	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
184	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
185	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
186	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
187	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
188	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
189	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
190	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
191	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
192	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
193	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
194	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
195	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

196	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
197	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 magneto-hydrodynamics 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 magneto-hydrodynamics 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
38	Li M.X., Liao R.Q., Luo W., Dong Y.	Improved Aziz prediction model of pressure gradient for multiphase flow in wells	Pressure Gradient, Multiphase Flow, Prediction, Aziz Model, Function Fitting.	34, 3, 423-428	10.18280/ijht.340311	Li M.X., Liao R.Q., Luo W., Dong Y. (2016). Improved Aziz prediction model of pressure gradient for multiphase flow in wells, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 423-428. DOI: 10.18280/ijht.340311

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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
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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
50	Xia B.W., Zhao B.Q., Lu Y.Y., Liu C.W., Song C.P.	Drainage radius after high pressure water jet slotting based on methane flow field	Methane, High Pressure Water Jet Slotting, Methane Flow Field, Effective Drainage Radius.	34, 3, 507-512	10.18280/ijht.340323	Xia B.W., Zhao B.Q., Lu Y.Y., Liu C.W., Song C.P. (2016). Drainage radius after high pressure water jet slotting based on methane flow field, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 507-512. DOI: 10.18280/ijht.340323
51	Guo Q.J., Qi X.N., Wei Z., Guo P.J., Sun P.	3D numerical simulation and analysis of refrigeration performance of the small diameter vortex tube	Vortex Tube, Numerical Simulation, Refrigeration, Thermodynamic Process.	34, 3, 513-520	10.18280/ijht.340324	Guo Q.J., Qi X.N., Wei Z., Guo P.J., Sun P. (2016). 3D numerical simulation and analysis of refrigeration performance of the small diameter vortex tube, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 513-520. DOI: 10.18280/ijht.340324

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53	Nasrin R., Alim M.A., Ahmed S.R.	Comparative study between 2D and 3D modeling of nanofluid filled flat plate solar collector	2D and 3D Numerical Study, Flat Plate Solar Collector, Finite Element Method, Nanofluid, Collector Efficiency.	34, 3, 527-536	10.18280/ijht.340326	Nasrin R., Alim M.A., Ahmed S.R. (2016). Comparative study between 2D and 3D modeling of nanofluid filled flat plate solar collector, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 527-536. DOI: 10.18280/ijht.340326
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
55	Sendilvelan S., Sundarraj C.	Performance and emission study on a dual fuel engine with modified gas inlet	Dual Fuel Engine, Diesel Engine, Liquefied Petroleum Gas, Modified Gas Inlet.	34, 3, 545-550	10.18280/ijht.340328	Sendilvelan S., Sundarraj C. (2016). Performance and emission study on a dual fuel engine with modified gas inlet, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 3, pp. 545-550. DOI: 10.18280/ijht.340328
56	Mirandola A., Lorenzini E.	Energy, environment and climate: from the past to the future	Energy, Environment, Climate.	34, 2, 159-164	10.18280/ijht.340201	Mirandola A., Lorenzini E. (2016). Energy, environment and climate: from the past to the future, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 159-164. DOI: 10.18280/ijht.340201
57	Cannistraro G., Cannistraro M.	Hypothermia risk, monitoring and environment control in operating rooms	Environment Control, Monitoring, Hypothermic Risk, Operating Rooms, Air Climatization Plants.	34, 2, 165-171	10.18280/ijht.340202	Cannistraro G., Cannistraro M. (2016). Hypothermia risk, monitoring and environment control in operating rooms, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 165-171. DOI: 10.18280/ijht.340202
58	Kaliakatsos D., Cucumo M., Ferraro V., Mele M., Galloro A., Accorinti F.	CFD analysis of a pipe equipped with twisted tape	Heat, Exchange, Twisted, Tape Pipe, CFD, Analysis.	34, 2, 172-180	10.18280/ijht.340203	Kaliakatsos D., Cucumo M., Ferraro V., Mele M., Galloro A., Accorinti F. (2016). CFD analysis of a pipe equipped with twisted tape, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 172-180. DOI: 10.18280/ijht.340203
59	Bachiri M., Bouabdallah A.	Natural convection study by the direct integration of the momentum and energy equations	Natural Thermoconvection, Vertical Plate, Integral Method, Isothermal, Uniform Heat Flux.	34, 2, 181-185	10.18280/ijht.340204	Bachiri M., Bouabdallah A. (2016). Natural convection study by the direct integration of the momentum and energy equations, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 181-185. DOI: 10.18280/ijht.340204
60	Zhu Z.W., Li H.X.	Experimental investigation on the anisotropic tensorial eddy viscosity model for turbulence flow	Turbulent Flow, Reynolds Stress, Tensorial Eddy Viscosity Model, Hot Film Anemometer.	34, 2, 186-190	10.18280/ijht.340205	Zhu Z.W., Li H.X. (2016). Experimental investigation on the anisotropic tensorial eddy viscosity model for turbulence flow, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 186-190. DOI: 10.18280/ijht.340205
61	Bhattacharyya S., Chattopadhyay H., Bandyopadhyay S., Roy S., Pal S., Bhattacharjee S.	Experimental investigation on heat transfer enhancement by swirl generators in a solar air heater duct	Forced Convection, Heat Transfer Enhancement, Solar Air Preheater, Bluff, Cylinders, Swirl Flow.	34, 2, 191-196	10.18280/ijht.340206	Bhattacharyya S., Chattopadhyay H., Bandyopadhyay S., Roy S., Pal S., Bhattacharjee S. (2016). Experimental investigation on heat transfer enhancement by swirl generators in a solar air heater duct, <i>International Journal of Heat and Technology</i> , Vol. 34, No. 2, pp. 191-196. DOI: 10.18280/ijht.340206
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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

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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
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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
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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

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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
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87	Rafiee S.E., Sadeghiazad 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., Sadeghiazad 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
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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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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
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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
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108	Apra C., Greco A., Maiorino A., Masselli C., Metallo A.	HFO1234yf as a drop-in replacement for R134a in domestic refrigerators: a life cycle climate performance analysis	Vapor Compression System, Drop-in, R134a, HFO1234yf, LCCP.	34, Sp. 2, S212-S218	10.18280/ijht.34Sp0204	Apra C., Greco A., Maiorino A., Masselli C., Metallo A. (2016). HFO1234yf as a drop-in replacement for R134a in domestic refrigerators: a life cycle climate performance analysis, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S212-S218. DOI: 10.18280/ijht.34Sp0204
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, 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
115	Bardi U., Perissi I., Csala D., Sgouridis S.	The Sower’s way: a strategy to attain the energy transition	Energy Transition, Sower’s Way, Renewable Energy, EROI.	34, Sp. 2, S263-S265	10.18280/ijht.34Sp0211	Bardi U., Perissi I., Csala D., Sgouridis S. (2016). The Sower’s way: a strategy to attain the energy transition, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S263-S265. DOI: 10.18280/ijht.34Sp0211
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
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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
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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
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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
149	Arpino F., Carotenuto A., Ciccolella M., Cortellessa G., Massarotti N., Mauro A.	Transient natural convection in partially porous vertical annuli	FEM, Porous Medium Model, Heat Transfer, Dual Time Stepping.	34, Sp. 2, S512-S518	10.18280/ijht.34Sp0245	Arpino F., Carotenuto A., Ciccolella M., Cortellessa G., Massarotti N., Mauro A. (2016). Transient natural convection in partially porous vertical annuli, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S512-S518. DOI: 10.18280/ijht.34Sp0245
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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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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., Mancarusio 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., Mancarusio 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
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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
171	Kimura S., Ishikawa N., Komatsu N.	On realizable convection patterns in a saturated porous square section	Convection, Porous Media, Convection Patterns, Heated From Below, Preferred Pattern Selection.	34, Sp. 1, S91-S94	10.18280/ijht.34Sp0111	Kimura S., Ishikawa N., Komatsu N. (2016). On realizable convection patterns in a saturated porous square section, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S91-S94. DOI: 10.18280/ijht.34Sp0111
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
173	Magalhães G.M.C., Lorenzini G., Nardi M.G., Amico S.C., Isoldi L.A., Rocha L.A.O., Souza J.A., Dos Santos E.D.	Geometrical evaluation of a resin infusion process by means of constructal design	Constructal Design, Liquid Resin Infusion, Numerical Simulation, I-Shaped Channel, T-Shaped Channel	34, Sp. 1, S101-S108	10.18280/ijht.34Sp0113	Magalhães G.M.C., Lorenzini G., Nardi M.G., Amico S.C., Isoldi L.A., Rocha L.A.O., Souza J.A., Dos Santos E.D. (2016). Geometrical evaluation of a resin infusion process by means of constructal design, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S101-S108. DOI: 10.18280/ijht.34Sp0113
174	Grazzini G., Mazzelli F., Milazzo A.	Constructal design of the mixing zone inside a supersonic ejector	Supersonic Ejector Chiller, Compressible Turbulent Mixing, Mixing Layer Model, Second Law Analysis, Constructal Design.	34, Sp. 1, S109-S118	10.18280/ijht.34Sp0114	Grazzini G., Mazzelli F., Milazzo A. (2016). Constructal design of the mixing zone inside a supersonic ejector, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S109-S118. DOI: 10.18280/ijht.34Sp0114
175	Morega A.M., Popac M., Morega M., Pîslaru-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., Pîslaru-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
176	Sommer E.M., Vargas J.V.C., Martins L.S., Ordóñez J.C.	Constructal alkaline membrane fuel cell (AMFC) design	Constructal AMFC, Internal Structure, External Shape, Electrolyte KOH Mass Fraction.	34, Sp. 1, S125-S132	10.18280/ijht.34Sp0116	Sommer E.M., Vargas J.V.C., Martins L.S., Ordóñez J.C. (2016). Constructal alkaline membrane fuel cell (AMFC) design, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S125-S132. DOI: 10.18280/ijht.34Sp0116
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	Ormdorff 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	Ormdorff 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
185	Biserni C., Garai M.	Energy balance and second law analysis applied to buildings: an opportunity for Bejan's theory	Energy Analysis in Buildings, Exergy and Second Law of Thermodynamics, Constructal Law.	34, Sp. 1, S185-S187	10.18280/ijht.34Sp0125	Biserni C., Garai M. (2016). Energy balance and second law analysis applied to buildings: an opportunity for Bejan's theory, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S185-S187. DOI: 10.18280/ijht.34Sp0125