No.	Authors	Title	Keywords	Vol., No., pages	DOI Link	Citation data
1	Magrini A., Lazzari S., Marenco 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., Marenco 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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 OLTT 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 OLTT in gasification power systems, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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 MoS2-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 MoS2-nanofluid in a rotating disk with hall effect, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 4, pp. 919-932. DOI: 10.18280/ijht.350428
29	Yejjer 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	Yejjer 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 4, pp. 1061-1064. DOI: 10.18280/ijht.350443
44	Moungar H., Ahmed A., Youcef S., Aabdelkrim 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., Aabdelkrim H. (2017). Immersed fins influence on the double slope solar still production in south Algeria climatic condition, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, Al2O3-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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 498-508. DOI: 10.18280/ijht.350306
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 549-558. DOI: 10.18280/ijht.350311

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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 603-610. DOI: 10.18280/ijht.350317
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63	Maouassi A., Baghidja A., Daoud S., Zeraibi N.	Numerical study of nanofluid heat transfer SiO2 through a solar flat plate collector	Solar Energy, CFD, Nanofluid, Heat Transfer, Sio2 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 SiO2 through a solar flat plate collector, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 619-625. DOI: 10.18280/ijht.350319
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 645-650. DOI: 10.18280/ijht.350323

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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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 668-672. DOI: 10.18280/ijht.350327
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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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 678-682. DOI: 10.18280/ijht.350329
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S18-S26. DOI: 10.18280/ijht.35Sp0103
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S33-S40. DOI: 10.18280/ijht.35Sp0105
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S64-S70. DOI: 10.18280/ijht.35Sp0109
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S78-S86. DOI: 10.18280/ijht.35Sp0111
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89	Marino C., Nucara 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., Nucara A., Nucera G., Pietrafesa M. (2017). Economic, energetic and environmental analysis of the waste management system of Reggio Calabria, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S108-S116. DOI: 10.18280/ijht.35Sp0115
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95	Caldera M., Puglisi G., Zanghirella F., Margiotta F., Ungaro P., Talucci V., Cammarata G.	Proposal of a survey-based methodology for the determination of the energy consumption in the residential sector	Energy Consumption, Households, Numerical Model, Residential Sector, Survey.	35, Sp. 1, S152-S158	10.18280/ijht.35Sp0121	Caldera M., Puglisi G., Zanghirella F., Margiotta F., Ungaro P., Talucci V., Cammarata G. (2017). Proposal of a survey-based methodology for the determination of the energy consumption in the residential sector, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S152-S158. DOI: 10.18280/ijht.35Sp0121
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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S172-S178. DOI: 10.18280/ijht.35Sp0124
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S252-S260. DOI: 10.18280/ijht.35Sp0135
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S293-S299. DOI: 10.18280/ijht.35Sp0140
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S322-S329. DOI: 10.18280/ijht.35Sp0144
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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S367-S374. DOI: 10.18280/ijht.35Sp0150

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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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S419-S426. DOI: 10.18280/ijht.35Sp0157
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, Special Issue 1, pp. S449-S455. DOI: 10.18280/ijht.35Sp0161

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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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., Moummi 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., Moummi N. (2017). Numerical and experimental investigation on the transient behavior of an earth air heat exchanger in continuous operation mode, *International Journal of Heat and Technology* , Vol. 35, No. 2, pp. 279-288. DOI: 10.18280/ijht.350208

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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 2, pp. 364-370. DOI: 10.18280/ijht.350219

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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 2, pp. 426-432. DOI: 10.18280/ijht.350228
168	Boukhalkhal A.L., Lasbet Y., Makhlouf M., Loubar K.	Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances	Chaotic Advection, Mixing Degree, Nusselt Number, Poincaré Sections, Serpentine Channel.	35, 1, 1-10	10.18280/ijht.350101	Boukhalkhal A.L., Lasbet Y., Makhlouf M., Loubar K. (2017). Numerical study of the chaotic flow in three-dimensional open geometry and its effect on the both fluid mixing and heat performances, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 67-74. DOI: 10.18280/ijht.350109
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , 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 Pressurem, 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, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 219-224. DOI: 10.18280/ijht.350129
197	Aprea 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	Aprea C., Greco A., Maiorino A., Masselli C. (2017). A comparison between electrocaloric and magnetocaloric materials for solid state refrigeration, *International Journal of Heat and Technology* , Vol. 35, No. 1, pp. 225-234. DOI: 10.18280/ijht.350130
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 590-596. DOI: 10.18280/ijht.340406
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 604-610. DOI: 10.18280/ijht.340408
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 623-629. DOI: 10.18280/ijht.340411
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 637-646. DOI: 10.18280/ijht.340413
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 653-662. DOI: 10.18280/ijht.340415
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 701-708. DOI: 10.18280/ijht.340421
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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, *International Journal of Heat and Technology* , Vol. 34, No. 4, pp. 715-721. DOI: 10.18280/ijht.340423
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29	Thirumurugan K., Vasanthakumari R.	Double – diffusive convection of non – Newtonian Walters' (MODELB′) 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' (MODELB′) viscoelastic fluid through brinkman porous medium with suspended particles, *International Journal of Heat and Technology* , Vol. 34, No. 3, pp. 357-363. DOI: 10.18280/ijht.340302
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 34, No. 3, pp. 446-454. DOI: 10.18280/ijht.340314

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43	Malara A., Marino C., Nucara A., Pietrafesa M., Scopelliti F., Streva 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., Streva G. (2016). Energetic and economic analysis of shading effects on PV panels energy production, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 34, No. 3, pp. 473-478. DOI: 10.18280/ijht.340317
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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, *International Journal of Heat and Technology* , Vol. 34, No. 3, pp. 503-506. DOI: 10.18280/ijht.340322
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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, *International Journal of Heat and Technology* , 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, *International Journal of Heat and Technology* , Vol. 34, No. 2, pp. 181-185. DOI: 10.18280/ijht.340204
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66	Mansouri Z., Aouissi M., Boushaki T.	A numerical study of swirl effects on the flow and flame dynamics in a lean premixed combustor	Combustion Dynamics, Premixed Flame, RANS, Swirl Number, Vortex Breakdown	34, 2, 227-235	10.18280/ijht.340211	Mansouri Z., Aouissi M., Boushaki T. (2016). A numerical study of swirl effects on the flow and flame dynamics in a lean premixed combustor, *International Journal of Heat and Technology* , Vol. 34, No. 2, pp. 227-235. DOI: 10.18280/ijht.340211
67	Rafiee S.E., Sadeghiazad 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., Sadeghiazad 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, *International Journal of Heat and Technology* , Vol. 34, No. 2, pp. 236-244. DOI: 10.18280/ijht.340212
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70	Wang X.D., Hou K.P., Liu J., Wang X.Y.	Study of jet flow and dust motion in flat chambers based on theory of gas-soild two phase flow	Flat Chamber, Dust Motion, Jet Flow Zone, Reflux Zone, Gas-Solid Two Phase Flow.	34, 2, 261-267	10.18280/ijht.340215	Wang X.D., Hou K.P., Liu J., Wang X.Y. (2016). Study of jet flow and dust motion in flat chambers based on theory of gas-soild two phase flow, *International Journal of Heat and Technology* , Vol. 34, No. 2, pp. 261-267. DOI: 10.18280/ijht.340215
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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, *International Journal of Heat and Technology* , Vol. 34, No. 1, pp. 31-38. DOI: 10.18280/ijht.340105

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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, *International Journal of Heat and Technology* , Vol. 34, No. 1, pp. 80-88. DOI: 10.18280/ijht.340112
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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

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112	Perrone D., Amelio M.	Numerical simulation of MILD (moderate or intense low-oxygen dilution) combustion of coal in a furnace with different coal gun positions	MILD, Coal Combustion, Computational Fluid Dynamics.	34, Sp. 2, S242-S248	10.18280/ijht.34Sp0208	Perrone D., Amelio M. (2016). Numerical simulation of MILD (moderate or intense low-oxygen dilution) combustion of coal in a furnace with different coal gun positions, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S242-S248. DOI: 10.18280/ijht.34Sp0208
113	Cammarata G., Galluccio M., Vinci D., Raciti L.	Air distribution through fan coil and displacement systems	Mixing Air Distribution, Fan Coil, Displacement Systems, Thermal Comfort, CFD Analysis.	34, Sp. 2, S249-S254	10.18280/ijht.34Sp0209	Cammarata G., Galluccio M., Vinci D., Raciti L. (2016). Air distribution through fan coil and displacement systems, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S249-S254. DOI: 10.18280/ijht.34Sp0209
114	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Galloro A., Schimio R., Le Pera G.	Thermohydraulic analysis of a shell-and-tube “helical baffles” heat exchanger	Heat Exchanger, Segmental Baffles, Helical Baffles, Thermo-Hydraulic Analysis.	34, Sp. 2, S255-S262	10.18280/ijht.34Sp0210	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Galloro A., Schimio R., Le Pera G. (2016). Thermohydraulic analysis of a shell-and-tube “helical baffles” heat exchanger, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S255-S262. DOI: 10.18280/ijht.34Sp0210
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116	Delmastro C., Mutani G., Perassi S.	In use monitoring of public buildings. Case study in North Italy	Public Buildings, Monitoring, Diagnostic, Energy Conservation Measure.	34, Sp. 2, S266-S276	10.18280/ijht.34Sp0212	Delmastro C., Mutani G., Perassi S. (2016). In use monitoring of public buildings. Case study in North Italy, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S266-S276. DOI: 10.18280/ijht.34Sp0212
117	Ascione F., Bianco N., De Stasio C., Mauro G.M., Vanoli G.P.	A methodology to assess and improve the impact of public energy policies for retrofitting the building stock: application to Italian office buildings	Dynamic Energy Simulations, Building Energy Retrofit, Building Stock, Representative Building Sample, Energy Policies.	34, Sp. 2, S277-S286	10.18280/ijht.34Sp0213	Ascione F., Bianco N., De Stasio C., Mauro G.M., Vanoli G.P. (2016). A methodology to assess and improve the impact of public energy policies for retrofitting the building stock: application to Italian office buildings, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S277-S286. DOI: 10.18280/ijht.34Sp0213
118	D'Agostino D., Marino C., Minichiello F.	The use of earth-to-air and air-to-air heat exchangers for different Italian climates	Dynamic Energy Simulations, Building Energy Retrofit, Building Stock, Representative Building Sample, Energy Policies.	34, Sp. 2, S287-S294	10.18280/ijht.34Sp0214	D'Agostino D., Marino C., Minichiello F. (2016). The use of earth-to-air and air-to-air heat exchangers for different Italian climates, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S287-S294. DOI: 10.18280/ijht.34Sp0214
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121	Murgi N., De Lorenzo G., Corigliano O., Mirandola F.A., Fragiacomo 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., Fragiacomo 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

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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
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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
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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

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134	Ricci D., Natale P., Battista F., Ferraiuolo M., Fragiacomo 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., Fragiacomo 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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145	Sibilio S., Rosato A., Scorpio M., Iuliano G., Ciampi G., Vanoli G.P., De Rossi F.	A review of electrochromic windows for residential applications	Electrochromic Glazing, Energy Saving, Experimental Measurements, Smart Window, Visual Comfort.	34, Sp. 2, S481-S488	10.18280/ijht.34Sp0241	Sibilio S., Rosato A., Scorpio M., Iuliano G., Ciampi G., Vanoli G.P., De Rossi F. (2016). A review of electrochromic windows for residential applications, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S481-S488. DOI: 10.18280/ijht.34Sp0241
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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
150	Carotenuto A., De Luca G., Fabozzi S., Figaj R.D., Iorio M., Massarotti N., Vanoli L.	Energy analysis of a small geothermal district heating system in southern Italy	District Heating, Geothermal Energy, Heat Pump, Efficiency, Renewable Energy.	34, Sp. 2, S519-S527	10.18280/ijht.34Sp0246	Carotenuto A., De Luca G., Fabozzi S., Figaj R.D., Iorio M., Massarotti N., Vanoli L. (2016). Energy analysis of a small geothermal district heating system in southern Italy, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S519-S527. DOI: 10.18280/ijht.34Sp0246
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152	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Barci G.	Performance of a field of geothermal probes to support the air conditioning plant of a public building powered by water/water heat pumps	Performance, Geothermal Probes, Building Air Conditioning, Water/Water, Heat Pump.	34, Sp. 2, S535-S544	10.18280/ijht.34Sp0248	Cucumo M., Ferraro V., Kaliakatsos D., Mele M., Barci G. (2016). Performance of a field of geothermal probes to support the air conditioning plant of a public building powered by water/water heat pumps, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S535-S544. DOI: 10.18280/ijht.34Sp0248
153	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V.	Numerical simulation of energy systems to control environment microclimate	Dynamic Simulation, Air Conditioning, Microclimate, Energy Efficiency.	34, Sp. 2, S545-S552	10.18280/ijht.34Sp0249	Genco A., Viggiano A., Viscido L., Sellitto G., Magi V. (2016). Numerical simulation of energy systems to control environment microclimate, International Journal of Heat and Technology, Vol. 34, Special Issue 2, pp. S545-S552. DOI: 10.18280/ijht.34Sp0249
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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
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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
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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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167	González J.M.M., De Saá Guerra Y., García-Manso J.M., Arriaza E.	Design and flow in basketball	Basketball, Game Flow Design, Self-Organization, Power Law, NBA.	34, Sp. 1, S51-S58	10.18280/ijht.34Sp0107	González J.M.M., De Saá Guerra Y., García-Manso J.M., Arriaza E. (2016). Design and flow in basketball, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S51-S58. DOI: 10.18280/ijht.34Sp0107
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, Manoilescu Generalised Scheme, Economics, Constructal Law.	34, Sp. 1, S59-S74	10.18280/ijht.34Sp0108	Dogaru V. (2016). The expanding of constructal law in economics – a justification for crossed flows of similar macro goods, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S59-S74. DOI: 10.18280/ijht.34Sp0108
169	Zhang J., Lou X.D., Guo L.Z.	Universal patterns and constructal law in open flow networks	Open Flow Network, Allometric Law, Dissipation, Constructal Law.	34, Sp. 1, S75-S82	10.18280/ijht.34Sp0109	Zhang J., Lou X.D., Guo L.Z. (2016). Universal patterns and constructal law in open flow networks, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S75-S82. DOI: 10.18280/ijht.34Sp0109
170	Giannetti N., Rocchetti A., Saito K.	Thermodynamic optimization of three-thermal irreversible systems	Three-Thermal Systems, Irreversibility, Thermodynamic Optimization, Efficiency Improvement, Dimensionless Parameters.	34, Sp. 1, S83-S90	10.18280/ijht.34Sp0110	Giannetti N., Rocchetti A., Saito K. (2016). Thermodynamic optimization of three-thermal irreversible systems, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S83-S90. DOI: 10.18280/ijht.34Sp0110
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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
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177	Rehwinkel A.	Corporate financial risk analysis according to the constructal law: exploring the composition of liabilities to assets	Constructal Law, Financial Risk, Golden Ratio, Liabilities to Assets.	34, Sp. 1, S133-S140	10.18280/ijht.34Sp0117	Rehwinkel A. (2016). Corporate financial risk analysis according to the constructal law: exploring the composition of liabilities to assets, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S133-S140. DOI: 10.18280/ijht.34Sp0117
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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
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181	Tracada E.	Biophilic urban developments following dynamic flows of tree-shaped architectures	Biophilic Design, Human Behaviour, Thermodynamics, Constructal Law, Healthy Cities.	34, Sp. 1, S161-S166	10.18280/ijht.34Sp0121	Tracada E. (2016). Biophilic urban developments following dynamic flows of tree-shaped architectures, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S161-S166. DOI: 10.18280/ijht.34Sp0121
182	Adewumi O.O., Bello-Ochende T., Meyer J.P.	Constructal design of single microchannel heat sink with varying axial length and temperature-dependent fluid properties	Forced Convection, Minimised Peak Temperature, Minimised Thermal Resistance, Microchannel, Aspect Ratio.	34, Sp. 1, S167-S172	10.18280/ijht.34Sp0122	Adewumi O.O., Bello-Ochende T., Meyer J.P. (2016). Constructal design of single microchannel heat sink with varying axial length and temperature-dependent fluid properties, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S167-S172. DOI: 10.18280/ijht.34Sp0122
183	Yenigün O., Çetkin E.	Constructal tree-shaped designs for self-cooling	Constructal Law, Self-Cooling, Vascular, Radial, Tree-Shaped.	34, Sp. 1, S173-S178	10.18280/ijht.34Sp0123	Yenigün O., Çetkin E. (2016). Constructal tree-shaped designs for self-cooling, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S173-S178. DOI: 10.18280/ijht.34Sp0123
184	Orndorff C., Dai W.Z.	Numerical hyperthermia simulation for a 3-D triple-layered skin structure with embedded vascular countercurrent network and nanoparticles	Constructal Law, Skin Living Tissue, Finite-Difference Method, Hyperthermia, Bioheat Transfer	34, Sp. 1, S179-S184	10.18280/ijht.34Sp0124	Orndorff C., Dai W.Z. (2016). Numerical hyperthermia simulation for a 3-D triple-layered skin structure with embedded vascular countercurrent network and nanoparticles, International Journal of Heat and Technology, Vol. 34, Special Issue 1, pp. S179-S184. DOI: 10.18280/ijht.34Sp0124
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
186	Bouchoucha A., Bessaïh R.	Natural convection and entropy generation of nanofluids in a square cavity	Natural Convection, Nanofluids, Cavity, Entropy Generation.	33, 4, 1-10	10.18280/ijht.330401	Bouchoucha A., Bessaïh R. (2015). Natural convection and entropy generation of nanofluids in a square cavity, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 1-10. DOI: 10.18280/ijht.330401
187	Ghernaout B., Bouabdallah S., Teggar M., Benniche H.	Double diffusive natural convection in binary mixture under the effect of external magnetic field: steady and oscillatory state	Buoyancy Ratio, Critical Value, Double Diffusive Convection, Magnetic Field, Oscillatory Flows.	33, 4, 11-18	10.18280/ijht.330402	Ghernaout B., Bouabdallah S., Teggar M., Benniche H. (2015). Double diffusive natural convection in binary mixture under the effect of external magnetic field: steady and oscillatory state, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 11-18. DOI: 10.18280/ijht.330402

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190	Li G.R., Ge Y.F., Zheng Y., Xue X.Q.	The research of stress theoretical analysis and structural parameters of sprayer fluid of rotating conical abrasive jet	Rotating, Conical, Stress, Trajectory.	33, 4, 33-40	10.18280/ijht.330405	Li G.R., Ge Y.F., Zheng Y., Xue X.Q. (2015). The research of stress theoretical analysis and structural parameters of sprayer fluid of rotating conical abrasive jet, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 33-40. DOI: 10.18280/ijht.330405
191	Mazzeo D., Matera D., Bevilacqua P., Arcuri N.	Energy and economic analysis of solar photovoltaic plants located at the University of Calabria	Flat-Plate Photovoltaic, Concentrating Photovoltaic, Siegel Method, TRNSYS, Economic Analysis.	33, 4, 41-50	10.18280/ijht.330406	Mazzeo D., Matera D., Bevilacqua P., Arcuri N. (2015). Energy and economic analysis of solar photovoltaic plants located at the University of Calabria, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 41-50. DOI: 10.18280/ijht.330406
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193	Casano G., Piva S.	Parametric analysis of a PCM energy storage system	PCM, Electronic Cooling, Parametric Analysis.	33, 4, 61-68	10.18280/ijht.330408	Casano G., Piva S. (2015). Parametric analysis of a PCM energy storage system, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 61-68. DOI: 10.18280/ijht.330408
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195	Zeghbid I., Bessaïh R.	Mixed convection in lid-driven cavities filled with a nanofluid	Mixed Convection, Cavities, Nanofluid.	33, 4, 77-84	10.18280/ijht.330410	Zeghbid I., Bessaïh R. (2015). Mixed convection in lid-driven cavities filled with a nanofluid, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 77-84. DOI: 10.18280/ijht.330410
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198	Li H.X., Li.B., Xue B.	Three dimensional modeling of gas-solid coupled free and porous flow in a filtration process	Numerical Simulation, Particulate Removal, Ceramic Filter, Two-Phase Flow.	33, 4, 101-106	10.18280/ijht.330413	Li H.X., Li.B., Xue B. (2015). Three dimensional modeling of gas-solid coupled free and porous flow in a filtration process, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 101-106. DOI: 10.18280/ijht.330413
199	Genco A., Viggiano A., Rospi G., Cardinale N., Magi V.	Dynamic modeling and simulation of buildings energy performance based on different climatic conditions	Dynamic Simulation, Energy Performance, School Building, TRNSYS Model, Trigeneration.	33, 4, 107-116	10.18280/ijht.330414	Genco A., Viggiano A., Rospi G., Cardinale N., Magi V. (2015). Dynamic modeling and simulation of buildings energy performance based on different climatic conditions, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 107-116. DOI: 10.18280/ijht.330414

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205	Zhang Q., Zhang M.L., Zhou Z.H., Liao R.Q., Feng J., Liu X.	Numerical simulation for ball passing capacity in coiled tubing	Coiled Tubing, Ball-off, Stuck, Passing Capacity, Numerical Simulation.	33, 4, 161-166	10.18280/ijht.330420	Zhang Q., Zhang M.L., Zhou Z.H., Liao R.Q., Feng J., Liu X. (2015). Numerical simulation for ball passing capacity in coiled tubing, *International Journal of Heat and Technology* , Vol. 33, No. 4, pp. 161-166. DOI: 10.18280/ijht.330420
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234	Labed A., Moummi N., Benchabane A., Zellouf M.	Experimental analysis of heat transfer in the flow channel duct of solar air heaters	Solar Air Heaters, Thermal Efficiency, Convective Heat Transfer Coefficient, Nusselt. (SAHs)	33, 3, 97-102	10.18280/ijht.330314	Labed A., Moummi N., Benchabane A., Zellouf M. (2015). Experimental analysis of heat transfer in the flow channel duct of solar air heaters, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 97 -102. DOI: 10.18280/ijht.330314
235	Singh K., Banyal A.S.	Effect of wave number on the onset of instability in couple-stress fluid and its characterization in the presence of rotation	Thermal Convection, Couple-Stress Fluid, Rotation, PES, Taylor Number.	33, 3, 103-108	10.18280/ijht.330315	Singh K., Banyal A.S. (2015). Effect of wave number on the onset of instability in couple-stress fluid and its characterization in the presence of rotation, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 103-108. DOI: 10.18280/ijht.330315

236	Al-Ameen A., Duwairi H.M.	Stability of horizontal porous layer heated from below using Forchheimer's model	Stability, Natural Convection, Porous Media.	33, 3, 109-114	10.18280/ijht.330316	Al-Ameen A., Duwairi H.M. (2015). Stability of horizontal porous layer heated from below using Forchheimer's model, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 109-114. DOI: 10.18280/ijht.330316
237	Lei S.W., Zhang J.M., Zhao X.K., Dong Q.P.	Study of the factors influencing microstructure transformation in the billet casting process	Microstructure Transfer, CET Model, Slice Model, Heat Transfer.	33, 3, 115-120	10.18280/ijht.330317	Lei S.W., Zhang J.M., Zhao X.K., Dong Q.P. (2015). Study of the factors influencing microstructure transformation in the billet casting process, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 115-120. DOI: 10.18280/ijht.330317
238	Alkhazaleh A., Duwairi H.	Analysis of mechanical system ventilation performance in an atrium by consolidated model of fire and smoke transport simulation	Consolidated Model, Fire and Smoke Transport, Mechanical Ventilation System, Building Atria.	33, 3, 121-126	10.18280/ijht.330318	Alkhazaleh A., Duwairi H. (2015). Analysis of mechanical system ventilation performance in an atrium by consolidated model of fire and smoke transport simulation, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 121-126. DOI: 10.18280/ijht.330318
239	Zhang S.X., Zhang L., Qi Q.L., Li Q., Shi P.Z.	Numerical simulation of the characteristics of debris flow from a tailing pond dam break	Tailing Pond, Dam Break, Debris Flow, Numerical Simulation.	33, 3, 127-132	10.18280/ijht.330319	Zhang S.X., Zhang L., Qi Q.L., Li Q., Shi P.Z. (2015). Numerical simulation of the characteristics of debris flow from a tailing pond dam break, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 127-132. DOI: 10.18280/ijht.330319
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242	Cheng H.Y., Hu Z.Y., Chen W.Y.	The flow control method of foamed bitumen	Bitumen Foaming, New Driving Device, Flow Control, Structure Parameters.	33, 3, 145-150	10.18280/ijht.330322	Cheng H.Y., Hu Z.Y., Chen W.Y. (2015). The flow control method of foamed bitumen, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 145-150. DOI: 10.18280/ijht.330322
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244	Sivakumar K., Rajan K.	Experimental analysis of heat transfer enhancement in a circular tube with different twist ratio of twisted tape inserts	Heat Transfer, Twisted Tape, Computational Fluid Dynamics.	33, 3, 158-162	10.18280/ijht.330324	Sivakumar K., Rajan K. (2015). Experimental analysis of heat transfer enhancement in a circular tube with different twist ratio of twisted tape inserts, *International Journal of Heat and Technology* , Vol. 33, No. 3, pp. 158-162. DOI: 10.18280/ijht.330324
245	Singh S. N., Singh D.K.	Study of combined free convection and surface radiation in closed cavities partially heated from below	Closed Cavities, Natural Convection, Surface Radiation, Stream-Function, Vorticity, Nusselt Number, Aspect Ratio, Partially Heated Bottom Wall.	33, 2, 1-8	10.18280/ijht.330201	Singh S. N., Singh D.K. (2015). Study of combined free convection and surface radiation in closed cavities partially heated from below, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 1-8. DOI: 10.18280/ijht.330201
246	Jian C., Ying Z., Jun Y., Yan L.	Influence on the navigation channel in Chongqing reach of the three gorges reservoir caused by reservoirs built upstream	Upstream Reservoirs, Chongqing Reach, Erosion and Deposition, Navigation Channel.	33, 2, 9-16	10.18280/ijht.330202	Jian C., Ying Z., Jun Y., Yan L. (2015). Influence on the navigation channel in Chongqing reach of the three gorges reservoir caused by reservoirs built upstream, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 9-16. DOI: 10.18280/ijht.330202
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253	Wu S.T., Wu G.X.	Preparation and characterization of Fe_2O_3 micro-nano materials	Micro-Nano Fe_2O_3, Hydrothermal Method, Preparation, Characterization.	33, 2, 57-62	10.18280/ijht.330209	Wu S.T., Wu G.X. (2015). Preparation and characterization of Fe_2O_3 micro-nano materials, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 57-62. DOI: 10.18280/ijht.330209
254	Chen J., Zheng Y., Li Y., Yan J.	Influence on deposition of the three gorges reservoir caused by the reservoirs built upstream	Deposition, Navigation, The Three Gorges Reservoir, The Reservoirs Built Upstream.	33, 2, 63-68	10.18280/ijht.330210	Chen J., Zheng Y., Li Y., Yan J. (2015). Influence on deposition of the three gorges reservoir caused by the reservoirs built upstream, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 63-68. DOI: 10.18280/ijht.330210
255	Loganathan P., Sivapoornapriya C.	Unsteady heat and mass transfer effects on an impulsively started infinite vertical plate in the presence of porous medium	Unsteady, Infinite, Vertical Plate, Porous Medium.	33, 2, 69-74	10.18280/ijht.330211	Loganathan P., Sivapoornapriya C. (2015). Unsteady heat and mass transfer effects on an impulsively started infinite vertical plate in the presence of porous medium, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 69-74. DOI: 10.18280/ijht.330211
256	Lu J.F., Li L., Chen L.J.	Study on the decompression time of the hypobaric rapid decompression chamber	Hypobaric Rapid Decompression, Pressure Balance, Vacuum Reserve, Equilibrium Equation, Finite Element.	33, 2, 75-78	10.18280/ijht.330212	Lu J.F., Li L., Chen L.J. (2015). Study on the decompression time of the hypobaric rapid decompression chamber, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 75-78. DOI: 10.18280/ijht.330212
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258	Cao Y.H., Cui X.M.	Natural convection of power law fluids in porous media with variable thermal and mass diffusivity	Power Law Fluids, Natural Convection, Shooting Method, Variable Thermal Diffusivity, Variable Mass Diffusivity.	33, 2, 85-90	10.18280/ijht.330214	Cao Y.H., Cui X.M. (2015). Natural convection of power law fluids in porous media with variable thermal and mass diffusivity, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 85-90. DOI: 10.18280/ijht.330214

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262	Yin H., Sun D., Li X.Y., Huan P.	Airflow simulation of linear grating lithography workshop	Lithography, CFD, Velocity Field, Temperature Field.	33, 2, 109-114	10.18280/ijht.330218	Yin H., Sun D., Li X.Y., Huan P. (2015). Airflow simulation of linear grating lithography workshop, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 109-114. DOI: 10.18280/ijht.330218
263	Alam M.S., Islam T., Rahman M. M.	Unsteady hydromagnetic forced convective heat transfer flow of a micropolar fluid along a porous wedge with convective surface boundary condition	Heat Transfer, Unsteady Wedge Flow, Micropolar Fluid, Convective Surface.	33, 2, 115-122	10.18280/ijht.330219	Alam M. S., Islam T., Rahman M. M. (2015). Unsteady hydromagnetic forced convective heat transfer flow of a micropolar fluid along a porous wedge with convective surface boundary condition, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp.115-122. DOI: 10.18280/ijht.330219
264	Li S., Zhang Y.D., Li Y., Liao R.Q.	Equilibrium calculation and technological parameters optimization of natural gas liquefaction process with mixed refrigerant	Natural Gas, Phase Equilibrium, Equation of State, Equilibrium Constant, Optimization Analysis.	33, 2, 123-128	10.18280/ijht.330220	Li S., Zhang Y.D., Li Y., Liao R.Q. (2015). Equilibrium calculation and technological parameters optimization of natural gas liquefaction process with mixed refrigerant, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 123-128. DOI: 10.18280/ijht.3302120
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266	Mathew A., Singho K.D.	Span-wise fluctuating MHD convective heat and mass transfer flow through porous medium in a vertical channel with thermal radiation and chemical reaction	Magnetohydromagnetic (MHD), Convective, Span-Wise Fluctuating, Viscoelastic, Porous Medium, Radiation.	33, 2, 135-142	10.18280/ijht.330222	Mathew A., Singho K.D. (2015). Span-wise fluctuating MHD convective heat and mass transfer flow through porous medium in a vertical channel with thermal radiation and chemical reaction, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 135-142. DOI: 10.18280/ijht.330222
267	Wang X.H., Jiao Y.L., Niu Y.C., Yang J.	Study on the acoustic emission features of leakage detection assisted by wave guide rods	Acoustic Emission, High-Pressure Heater, Leakage, Wave Guide Rods, Acoustic Emission Signal.	33, 2, 143-150	10.18280/ijht.330223	Wang X.H., Jiao Y.L., Niu Y.C.,Yang J. (2015). Study on the acoustic emission features of leakage detection assisted by wave guide rods, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 143-150. DOI: 10.18280/ijht.330223
268	Lin T., Wu P., Gao F.G., Yu Y., Wang L.H.	Study on SVM temperature compensation of liquid ammonia volumetric flowmeter based on variable weight PSO	Temperature Compensation, Volumetric Flowmeter, SVM, Variable Weight, PSO.	33, 2, 151-156	10.18280/ijht.330224	Lin T., Wu P., Gao F.G., Yu Y., Wang L.H. (2015). Study on SVM temperature compensation of liquid ammonia volumetric flowmeter based on variable weight PSO, *International Journal of Heat and Technology* , Vol. 33, No. 2, pp. 151-156. DOI: 10.18280/ijht.330224
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272	Yi Q.J., Tian M.C., Fang D.	CFD simulation of air-steam condensation on an isothermal vertical plate	Condensate, Heat Transfer, Non-Condensable Gas, Vertical Wall, Numerical Simulation.	33, 1, 25-32	10.18280/ijht.330104	Yi Q.J., Tian M.C., Fang D. (2015). CFD simulation of air-steam condensation on an isothermal vertical plate, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 25-32. DOI: 10.18280/ijht.330104
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284	Cannistraro G., Cannistraro M., Restivo R.	The local media radiant temperature for the calculation of comfort in areas characterized by radiant surfaces	Thermo-Hygrometric Comfort, Radiative Exchanges, ISO7726 and ISO7730 Standards, T_{mr}, PMV, PPD.	33, 1, 115-122	10.18280/ijht.330116	Cannistraro G., Cannistraro M., Restivo R. (2015). The local media radiant temperature for the calculation of comfort in areas characterized by radiant surfaces, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 115-122. DOI: 10.18280/ijht.330116
285	Zhang S., Chen L.	Semiconductor, molecular crystals and oxide temperature pressure ophase diagram	Phase Transitions, Pressure-Dependent, Temperature, Oxides.	33, 1, 123-128	10.18280/ijht.330117	Zhang S., Chen L. (2015). Semiconductor, molecular crystals and oxide temperature pressure ophase diagram, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 123-128. DOI: 10.18280/ijht.330117
286	Pourmahmoud N., Esmaily R., Hassanzadeh A.	CFD investigation of vortex tube length effect as a designing criterion	Ranque-Hilsch Vortex Tube, CFD Simulation, Stagnation Point, Energy Separation, Inlet Pressure.	33, 1, 129-136	10.18280/ijht.330118	Pourmahmoud N., Esmaily R., Hassanzadeh A. (2015). CFD investigation of vortex tube length effect as a designing criterion, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 129-136. DOI: 10.18280/ijht.330118
287	Wang X.H., Jiao Y.L., Niu Y.C., Yang J.	Study on enhanced heat transfer features of nano-magnetic fluid heat pipe under magnetic field	Magnetic Field, Nano-Magnetic Fluid, Heat Pipe, Heat Transfer.	33, 1, 137-144	10.18280/ijht.330119	Wang X.H., Jiao Y.L., Niu Y.C., Yang J. (2015). Study on enhanced heat transfer features of nano-magnetic fluid heat pipe under magnetic field, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 137-144. DOI: 10.18280/ijht.330119
288	Zhang H.Y.	Thermodynamic property of concrete and temperature field analysis of the base plate of intake tower during construction period	Base Plate of Intake Tower, Construction Period, Thermodynamic Property, Simultaneous Observation, Temperature Field Analysis.	33, 1, 145-154	10.18280/ijht.330120	Zhang H.Y. (2015). Thermodynamic property of concrete and temperature field analysis of the base plate of intake tower during construction period, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 145-154. DOI: 10.18280/ijht.330120
289	Sivakumar A., Alagumurthi N., Senthilvelan T.	Experimental and numerical investigation of forced convective heat transfer coefficient in nanofluids of Al_2O_3/water and CuO/EG in a serpentine shaped microchannel heat sink	Forced Convection, Microchannels, Pressure Drop, Heat Transfer.	33, 1, 155-160	10.18280/ijht.330121	Sivakumar A., Alagumurthi N., Senthilvelan T. (2015). Experimental and numerical investigation of forced convective heat transfer coefficient in nanofluids of Al_2O_3/water and CuO/EG in a serpentine shaped microchannel heat sink, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 155-160. DOI: 10.18280/ijht.330121
290	Dong Y., Wu C.S., Lv Q.H., Li H.K., Guo H.M.	Study of CO_2 fluid density calculation model based on grayscale image	State Equation, Density Calculation, Relative Error, Grayscale Image, Binary Image.	33, 1, 161-166	10.18280/ijht.330122	Dong Y., Wu C.S., Lv Q.H., Li H.K., Guo H.M. (2015). Study of CO_2 fluid density calculation model based on grayscale image, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 161-166. DOI: 10.18280/ijht.330122
291	Zhang X.Q.	Hydraulic characteristics of rotational flow shaft spillway	Rotational Flow Shaft Spillway, Discharge Volume, Ratio of Energy Dissipation, Model.	33, 1, 167-174	10.18280/ijht.330123	Zhang X.Q. (2015). Hydraulic characteristics of rotational flow shaft spillway, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 167-174. DOI: 10.18280/ijht.330123
292	Wang J.T., Yu W.L., Wang T., Wang Y.L., Gao Y.L.	First-principles study on the thermodynamic defect and crystal structure of U-12.5 at% Nb alloy	Uranium Niobium Alloy, DFT, Defect, Crystal Structure.	33, 1, 175-180	10.18280/ijht.330124	Wang J.T. Yu W.L., Wang T., Wang Y.L., Gao Y.L. (2015). First-principles study on the thermodynamic defect and crystal structure of U-12.5 at% Nb alloy, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 175-180. DOI: 10.18280/ijht.330124
293	Zhao S.Y., Chen C., Zhan N.Y.	Research on the influences of insulation technology by plastic greenhouses on working temperature in aeration tanks in cold areas in winter	Cold Regions, Greenhouse, Aeration Tank, Working Temperature.	33, 1, 181-186	10.18280/ijht.330125	Zhao S.Y., Chen C., Zhan N.Y. (2015). Research on the influences of insulation technology by plastic greenhouses on working temperature in aeration tanks in cold areas in winter, *International Journal of Heat and Technology* , Vol. 33, No. 1, pp. 181-186. DOI: 10.18280/ijht.330125