Mingjia Li

List of Publications by Year
in descending order

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145 papers	6,881 citations	41323 49 h-index	69214 77 g-index
145 all docs	145 docs citations	145 times ranked	3458 citing authors

#	Article	IF	Citations
1	Solidification in a shell-and-tube thermal energy storage unit filled with longitude fins and metal foam: A numerical study. Energy and Built Environment, 2023, 4, 64-73.	2.9	24
2	Life Cycle Assessment Analysis and Comparison of 1000 MW S-CO2 Coal Fired Power Plant and 1000 MW USC Water-Steam Coal-Fired Power Plant. Journal of Thermal Science, 2022, 31, 463-484.	0.9	9
3	Optimization and design criterion of the shell-and-tube thermal energy storage with cascaded PCMs under the constraint of outlet threshold temperature. Renewable Energy, 2022, 181, 1371-1385.	4.3	24
4	Pore-scale modeling of complex transport phenomena in porous media. Progress in Energy and Combustion Science, 2022, 88, 100968.	15.8	139
5	Numerical investigation of tube bundle arrangement effect on falling film fluid flow and heat transfer. Applied Thermal Engineering, 2022, 201, 117828.	3.0	20
6	A comprehensive review on computational studies of falling film hydrodynamics and heat transfer on the horizontal tube and tube bundle. Applied Thermal Engineering, 2022, 202, 117869.	3.0	35
7	Receiver with light-trapping nanostructured coating: A possible way to achieve high-efficiency solar thermal conversion for the next-generation concentrating solar power. Renewable Energy, 2022, 185, 159-171.	4.3	15
8	A comparison between lumped parameter method and computational fluid dynamics method for steady and transient optical-thermal characteristics of the molten salt receiver in solar power tower. Energy, 2022, 245, 123253.	4.5	6
9	A systematic review of supercritical carbon dioxide(S-CO2) power cycle for energy industries: Technologies, key issues, and potential prospects. Energy Conversion and Management, 2022, 258, 115437.	4.4	82
10	Lattice Boltzmann Method for Conduction and Radiation Heat Transfer in Composite Materials. Journal of Thermal Science, 2022, 31, 777-789.	0.9	6
11	The comprehensive solution to decrease cooling wall temperatures of sCO2 boiler for coal fired power plant. Energy, 2022, 252, 124021.	4.5	9
12	The configuration optimized design method based on real-time efficiency for the application of vanadium redox flow battery in microgrid. Energy Conversion and Management, 2022, 267, 115899.	4.4	9
13	Evaluation of alternative eutectic salt as heat transfer fluid for solar power tower coupling a supercritical CO2 Brayton cycle from the viewpoint of system-level analysis. Journal of Cleaner Production, 2021, 279, 123472.	4.6	70
14	Effects of partly-filled encapsulated phase change material on the performance enhancement of solar thermochemical reactor. Journal of Cleaner Production, 2021, 279, 123169.	4.6	15
15	Novel designs of hybrid thermal energy storage system and operation strategies for concentrated solar power plant. Energy, 2021, 216, 119281.	4.5	26
16	The K number, a new analogy criterion number to connect pressure drop and heat transfer of sCO2 in vertical tubes. Applied Thermal Engineering, 2021, 182, 116078.	3.0	23
17	A coupled optical-thermal-fluid-mechanical analysis of parabolic trough solar receivers using supercritical CO2 as heat transfer fluid. Applied Thermal Engineering, 2021, 183, 116154.	3.0	58
18	Modeling Fouling Process on Tubes with Lattice Boltzmann Method and Immersed Boundary Method. , 2021, , 423-426.		0

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19	Optimization of the packed-bed thermal energy storage with cascaded PCM capsules under the constraint of outlet threshold temperature. Applied Thermal Engineering, 2021, 186, 116473.	3.0	31
20	Novel Matching Strategy for the Coupling of Heat Flux in Furnace Side and CO2 Temperature in Tube Side to Control the Cooling Wall Temperatures. Journal of Thermal Science, 2021, 30, 1251-1267.	0.9	1
21	Performance evaluation and exergy analysis of a novel combined cooling, heating and power (CCHP) system based on liquid air energy storage. Energy, 2021, 222, 119975.	4.5	45
22	Economic comparison between sCO2 power cycle and water-steam Rankine cycle for coal-fired power generation system. Energy Conversion and Management, 2021, 238, 114150.	4.4	37
23	My 50-year life in studying heat transfer. Applied Thermal Engineering, 2021, 194, 116947.	3.0	5
24	Advanced carbon sequestration by the hybrid system of photobioreactor and microbial fuel cell with novel photocatalytic porous framework. Bioresource Technology, 2021, 333, 125182.	4.8	18
25	A novel model for predicting the effective specific heat capacity of molten salt doped with nanomaterial for solar energy application. Applied Thermal Engineering, 2021, 195, 117129.	3.0	8
26	Activating triple-phase boundary via building oxygen-electrolyte interfaces to construct high-performance pH-disparate direct liquid fuel cells. Chemical Engineering Journal, 2021, 418, 129480.	6.6	8
27	Study of carbon dioxide sequestration and electricity generation by a new hybrid bioenergy system with the novelty catalyst. Applied Thermal Engineering, 2021, 197, 117366.	3.0	2
28	Coupled optical-thermal-stress characteristics of a multi-tube external molten salt receiver for the next generation concentrating solar power. Energy, 2021, 233, 121110.	4.5	16
29	Conceptual design of porous volumetric solar receiver using molten salt as heat transfer fluid. Applied Energy, 2021, 301, 117400.	5.1	17
30	The three-regime-model for pseudo-boiling in supercritical pressure. International Journal of Heat and Mass Transfer, 2021, 181, 121875.	2.5	35
31	A general and rapid method to evaluate the effect of flow maldistribution on the performance of heat exchangers. International Journal of Thermal Sciences, 2021, 170, 107152.	2.6	11
32	Peripheral heat transfer prediction of the subcooled falling liquid film on a horizontal smooth tube. Physics of Fluids, 2021, 33, .	1.6	6
33	A new methodology of thermal performance improvement and numerical analysis of free-falling particle receiver. Solar Energy, 2021, 230, 1141-1155.	2.9	7
34	Falling film evaporation in a triangular tube bundle under the influence of cross vapor stream. International Journal of Refrigeration, 2020, 112, 44-55.	1.8	15
35	Design and experimental investigation of a novel full solar spectrum utilization system. Applied Energy, 2020, 260, 114258.	5.1	21
36	Achievement of a novel porous non-noble-metal catalyst with excellent oxygen reduction reaction activity: Promoting the commercialization of alkaline fuel cells. Journal of Cleaner Production, 2020, 249, 119314.	4.6	17

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37	Numerical and experimental analysis of optimized conical flask photobioreactor structures to improve liquidâ€“gas two-phase distribution and microalgae carbon sequestration. Applied Thermal Engineering, 2020, 180, 115855.	3.0	7
38	Effect of non-uniform heating on scCO2 heat transfer deterioration. Applied Thermal Engineering, 2020, 181, 115967.	3.0	21
39	Scale law of sCO2 coal fired power plants regarding system performance dependent on power capacities. Energy Conversion and Management, 2020, 226, 113505.	4.4	16
40	Two-dimensional numerical model for predicting fouling shape growth based on immersed boundary method and lattice Boltzmann method. Applied Thermal Engineering, 2020, 179, 115755.	3.0	9
41	Editorial: The special issue of ENERGY â€“ The International Journal dedicated to the 1st International Conference on Supercritical CO2 Power System (ICSPS-2018). Energy, 2020, 213, 118776.	4.5	0
42	A multiscale method for predicting the long-term emission behaviors of semivolatile organic compounds. Building and Environment, 2020, 186, 107285.	3.0	2
43	Experimental and numerical study on the reflectance losses of the porous volumetric solar receiver. Solar Energy Materials and Solar Cells, 2020, 214, 110558.	3.0	10
44	Synergetics: The cooperative phenomenon in multi-compressions S-CO2 power cycles. Energy Conversion and Management: X, 2020, 7, 100042.	0.9	10
45	Computational fluid dynamics prediction of formaldehyde emission and sorption processes in a small test chamber with mixing fan and vents. Atmospheric Environment, 2020, 229, 117455.	1.9	9
46	Coupled optical and thermal performance of a fin-like molten salt receiver for the next-generation solar power tower. Applied Energy, 2020, 272, 115079.	5.1	50
47	Perspective of concentrating solar power. Energy, 2020, 198, 117373.	4.5	254
48	Performance analysis and optimization of solar thermochemical reactor by diluting catalyst with encapsulated phase change material. Applied Energy, 2020, 266, 114862.	5.1	14
49	Experimental study of the falling film evaporation coefficients of R290 in a horizontal enhanced tube array. International Journal of Heat and Mass Transfer, 2020, 159, 120099.	2.5	7
50	Numerical investigation of dust sedimentation effects on wall adsorption of indoor SVOC by the immersed boundary-lattice Boltzmann method. Building and Environment, 2020, 180, 106974.	3.0	2
51	Fouling potential prediction and multi-objective optimization of a flue gas heat exchanger using neural networks and genetic algorithms. International Journal of Heat and Mass Transfer, 2020, 152, 119488.	2.5	43
52	Energy, exergy and economic (3E) evaluation and conceptual design of the 1000ÂMW coal-fired power plants integrated with S-CO2 Brayton cycles. Energy Conversion and Management, 2020, 211, 112713.	4.4	55
53	Perspective of Sâ”CO2 power cycles. Energy, 2019, 186, 115831.	4.5	106
54	A half-analytical correlation of total melting time for shell-and-tube latent-heat thermal energy storage unit. Applied Thermal Engineering, 2019, 161, 114176.	3.0	16

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55	Performance comparison of SPT systems integrated with various supercritical CO2-based mixture Brayton cycles based on multi-objective optimization. Energy Procedia, 2019, 158, 1823-1828.	1.8	4
56	Comparisons of thermal performance and cost for three thermal energy storage systems utilized in supercritical CO2 Brayton cycle. Energy Procedia, 2019, 158, 4696-4701.	1.8	14
57	Mesoscopic modeling of transport resistances in a polymer-electrolyte fuel-cell catalyst layer: Analysis of hydrogen limiting currents. Applied Energy, 2019, 255, 113895.	5.1	28
58	A study of new method and comprehensive evaluation on the improved performance of solar power tower plant with the CO2-based mixture cycles. Applied Energy, 2019, 256, 113837.	5.1	21
59	A general and rapid method for performance evaluation of enhanced heat transfer techniques. International Journal of Heat and Mass Transfer, 2019, 145, 118780.	2.5	19
60	Experimental studies of organic Rankine cycle systems using scroll expanders with different suction volumes. Journal of Cleaner Production, 2019, 218, 241-249.	4.6	36
61	Structure and dynamics of microbial fuel cell catalyst layer. Electrochimica Acta, 2019, 300, 404-416.	2.6	10
62	Optical efficiency improvement of solar power tower by employing and optimizing novel fin-like receivers. Energy Conversion and Management, 2019, 184, 219-234.	4.4	34
63	A comprehensive understanding of enhanced condensation heat transfer using phase separation concept. Energy, 2019, 172, 661-674.	4.5	21
64	Specific heat capacity improvement of molten salt for solar energy applications using charged single-walled carbon nanotubes. Applied Energy, 2019, 250, 1481-1490.	5.1	29
65	Overlap energy utilization reaches maximum efficiency for S-CO2 coal fired power plant: A new principle. Energy Conversion and Management, 2019, 195, 99-113.	4.4	41
66	Fouling and thermal-hydraulic characteristics of aligned elliptical tube and honeycomb circular tube in flue gas heat exchangers. Fuel, 2019, 251, 316-327.	3.4	24
67	A novel semi-empirical model on predicting the thermal conductivity of diathermic oil-based nanofluid for solar thermal application. International Journal of Heat and Mass Transfer, 2019, 138, 1002-1013.	2.5	13
68	Electrochemical method for dissolved oxygen consumption on-line in tubular photobioreactor. Energy, 2019, 177, 158-166.	4.5	17
69	Thermodynamic analysis and performance prediction on dynamic response characteristic of PCHE in 1000â€MW S-CO2 coal fired power plant. Energy, 2019, 175, 123-138.	4.5	62
70	Lattice Boltzmann method simulation of SVOC mass transfer with particle suspensions. International Journal of Heat and Mass Transfer, 2019, 135, 685-695.	2.5	5
71	A review of current progress in multiscale simulations for fluid flow and heat transfer problems: The frameworks, coupling techniques and future perspectives. International Journal of Heat and Mass Transfer, 2019, 137, 1263-1289.	2.5	39
72	Thermodynamic performance analysis of different supercritical Brayton cycles using CO2-based binary mixtures in the molten salt solar power tower systems. Energy, 2019, 173, 785-798.	4.5	74

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73	The investigation of thermo-economic performance and conceptual design for the miniaturized lead-cooled fast reactor composing supercritical CO2 power cycle. Energy, 2019, 173, 174-195.	4.5	66
74	Numerical and experimental study on heat transfer and flow features of representative molten salts for energy applications in turbulent tube flow. International Journal of Heat and Mass Transfer, 2019, 135, 732-745.	2.5	36
75	A numerical model coupling bubble flow, light transfer, cell motion and growth kinetics for real timescale microalgae cultivation and its applications in flat plate photobioreactors. Algal Research, 2019, 44, 101727.	2.4	13
76	Heat transfer correlations of refrigerant falling film evaporation on a single horizontal smooth tube. International Journal of Heat and Mass Transfer, 2019, 133, 96-106.	2.5	39
77	Supercritical â€œboilingâ€•number, a new parameter to distinguish two regimes of carbon dioxide heat transfer in tubes. International Journal of Thermal Sciences, 2019, 136, 254-266.	2.6	112
78	Application and numerical error analysis of multiscale method for air flow, heat and pollutant transfer through different scale urban areas. Building and Environment, 2019, 149, 349-365.	3.0	10
79	Falling film evaporation and nucleate pool boiling heat transfer of R134a on the same enhanced tube. Applied Thermal Engineering, 2019, 147, 113-121.	3.0	30
80	Experimental and numerical study on the performance of a new high-temperature packed-bed thermal energy storage system with macroencapsulation of molten salt phase change material. Applied Energy, 2018, 221, 1-15.	5.1	173
81	General performance evaluation charts and effectiveness correlations for the design of thermocline heat storage system. Chemical Engineering Science, 2018, 185, 105-115.	1.9	9
82	The effect of the full-spectrum characteristics of nanostructure on the PV-TE hybrid system performances within multi-physics coupling process. Applied Energy, 2018, 213, 169-178.	5.1	31
83	Multi-physics analysis: The coupling effects of nanostructures on the low concentrated black silicon photovoltaic system performances. Energy Conversion and Management, 2018, 159, 129-139.	4.4	15
84	Optimizing thermal conductivity distribution for heat conduction problems with different optimization objectives. International Journal of Heat and Mass Transfer, 2018, 119, 343-354.	2.5	10
85	Numerical investigation of SVOC mass transport in a tube by an axisymmetric lattice Boltzmann method. Building and Environment, 2018, 128, 180-189.	3.0	4
86	A comprehensive numerical study on the subcooled falling film heat transfer on a horizontal smooth tube. International Journal of Heat and Mass Transfer, 2018, 119, 259-270.	2.5	66
87	The thermodynamic and cost-benefit-analysis of miniaturized lead-cooled fast reactor with supercritical CO 2 power cycle in the commercial market. Progress in Nuclear Energy, 2018, 103, 135-150.	1.3	45
88	A systematic comparison of different S-CO2 Brayton cycle layouts based on multi-objective optimization for applications in solar power tower plants. Applied Energy, 2018, 212, 109-121.	5.1	152
89	Hydrodynamic behaviors of the falling film flow on a horizontal tube and construction of new film thickness correlation. International Journal of Heat and Mass Transfer, 2018, 119, 564-576.	2.5	63
90	Melting performance enhancement of phase change material by a limited amount of metal foam: Configurational optimization and economic assessment. Applied Energy, 2018, 212, 868-880.	5.1	143

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91	Effect of downward vapor stream on falling film evaporation of R134a in a tube bundle. International Journal of Refrigeration, 2018, 89, 112-121.	1.8	22
92	Oxygen diffusion in cation-form Nafion membrane of microbial fuel cells. Electrochimica Acta, 2018, 276, 268-283.	2.6	27
93	Experimental investigation of R410A and R32 falling film evaporation on horizontal enhanced tubes. Applied Thermal Engineering, 2018, 137, 739-748.	3.0	44
94	Eccentricity optimization of a horizontal shell-and-tube latent-heat thermal energy storage unit based on melting and melting-solidifying performance. Applied Energy, 2018, 220, 447-454.	5.1	102
95	A review of mass-transfer models and mechanistic studies of semi-volatile organic compounds in indoor environments. Indoor and Built Environment, 2018, 27, 1307-1321.	1.5	22
96	Cross Vapor Stream Effect on Falling Film Evaporation in Horizontal Tube Bundle Using R134a. Heat Transfer Engineering, 2018, 39, 724-737.	1.2	16
97	Experimental study of the local and average falling film evaporation coefficients in a horizontal enhanced tube bundle using R134a. Applied Thermal Engineering, 2018, 129, 502-511.	3.0	44
98	Experimental study on thermal performance of high-temperature molten salt cascaded latent heat thermal energy storage system. International Journal of Heat and Mass Transfer, 2018, 118, 997-1011.	2.5	109
99	Cyclic thermal performance analysis of a traditional Single-Layered and of a novel Multi-Layered Packed-Bed molten salt Thermocline Tank. Renewable Energy, 2018, 118, 565-578.	4.3	63
100	Unconventional localization prior to wrinkles and controllable surface patterns of film/substrate bilayers through patterned cavities. Extreme Mechanics Letters, 2018, 25, 66-70.	2.0	3
101	Lattice Boltzmann method for conjugated heat and mass transfer with general interfacial conditions. Physical Review E, 2018, 98, .	0.8	21
102	High efficient solar parabolic trough receiver reactors combined with phase change material for thermochemical reactions. Applied Energy, 2018, 230, 769-783.	5.1	38
103	Key issues and solution strategies for supercritical carbon dioxide coal fired power plant. Energy, 2018, 157, 227-246.	4.5	188
104	An experimental study on the heat transfer performance of a prototype molten-salt rod baffle heat exchanger for concentrated solar power. Energy, 2018, 156, 63-72.	4.5	48
105	Numerical and Experimental study on the performance of a new two-layered high-temperature packed-bed thermal energy storage system with changed-diameter macro-encapsulation capsule. Applied Thermal Engineering, 2018, 142, 830-845.	3.0	73
106	Connected-top-bottom-cycle to cascade utilize flue gas heat for supercritical carbon dioxide coal fired power plant. Energy Conversion and Management, 2018, 172, 138-154.	4.4	115
107	Modeling a hybrid methodology for evaluating and forecasting regional energy efficiency in China. Applied Energy, 2017, 185, 1769-1777.	5.1	60
108	Thermal analysis of solar central receiver tube with porous inserts and non-uniform heat flux. Applied Energy, 2017, 185, 1152-1161.	5.1	62

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109	Simulation of real time particle deposition and removal processes on tubes by coupled numerical method. Applied Energy, 2017, 185, 2181-2193.	5.1	57
110	Experimental investigations of R134a and R123 falling film evaporation on enhanced horizontal tubes. International Journal of Refrigeration, 2017, 75, 190-203.	1.8	56
111	Economical evaluation and optimization of organic Rankine cycle with mixture working fluids using R245fa as flame retardant. Applied Thermal Engineering, 2017, 113, 1056-1070.	3.0	65
112	Aiming strategy optimization for uniform flux distribution in the receiver of a linear Fresnel solar reflector using a multi-objective genetic algorithm. Applied Energy, 2017, 205, 1394-1407.	5.1	61
113	Pore-scale numerical simulation of fully coupled heat transfer process in porous volumetric solar receiver. Energy, 2017, 140, 1267-1275.	4.5	82
114	Gas-side fouling, erosion and corrosion of heat exchangers for middle/low temperature waste heat utilization: A review on simulation and experiment. Applied Thermal Engineering, 2017, 126, 737-761.	3.0	95
115	The development technology and applications of supercritical CO2 power cycle in nuclear energy, solar energy and other energy industries. Applied Thermal Engineering, 2017, 126, 255-275.	3.0	301
116	Nucleate boiling performance evaluation of cavities at mesoscale level. International Journal of Heat and Mass Transfer, 2017, 106, 708-719.	2.5	62
117	Review of methodologies and polices for evaluation of energy efficiency in high energy-consuming industry. Applied Energy, 2017, 187, 203-215.	5.1	229
118	Thermal performance analysis of a parabolic trough solar collector using supercritical CO2 as heat transfer fluid under non-uniform solar flux. Applied Thermal Engineering, 2017, 115, 1255-1265.	3.0	182
119	Multi-objective optimization of the solar absorptivity distribution inside a cavity solar receiver for solar power towers. Solar Energy, 2017, 158, 247-258.	2.9	36
120	A hybrid model for explaining the short-term dynamics of energy efficiency of Chinaâ€™s thermal power plants. Applied Energy, 2016, 169, 738-747.	5.1	56
121	Heat transfer correlation of the falling film evaporation on a single horizontal smooth tube. Applied Thermal Engineering, 2016, 103, 177-186.	3.0	72
122	Buoyancy flows and pollutant dispersion through different scale urban areas: CFD simulations and wind-tunnel measurements. Building and Environment, 2016, 104, 76-91.	3.0	56
123	Pore-scale modelling of dynamic interaction between SVOCs and airborne particles with lattice Boltzmann method. Building and Environment, 2016, 104, 152-161.	3.0	22
124	Wind-tunnel measurements for thermal effects on the air flow and pollutant dispersion through different scale urban areas. Building and Environment, 2016, 97, 137-151.	3.0	82
125	A compressible lattice Boltzmann finite volume model for high subsonic and transonic flows on regular lattices. Computers and Fluids, 2016, 131, 45-55.	1.3	37
126	Performance simulation of a two-phase flow distributor for plate-fin heat exchanger. Applied Thermal Engineering, 2016, 99, 1236-1245.	3.0	24

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127	A data envelopment analysis for energy efficiency of coal-fired power units in China. Energy Conversion and Management, 2015, 102, 121-130.	4.4	79
128	Lattice Boltzmann Pore-Scale Investigation of Coupled Physical-electrochemical Processes in C/Pt and Non-Precious Metal Cathode Catalyst Layers in Proton Exchange Membrane Fuel Cells. Electrochimica Acta, 2015, 158, 175-186.	2.6	114
129	Optimization of porous insert configurations for heat transfer enhancement in tubes based on genetic algorithm and CFD. International Journal of Heat and Mass Transfer, 2015, 87, 376-379.	2.5	59
130	Coupling finite volume and lattice Boltzmann methods for pore scale investigation on volatile organic compounds emission process. Building and Environment, 2015, 92, 236-245.	3.0	20
131	Pore-scale modeling of effective diffusion coefficient of building materials. International Journal of Heat and Mass Transfer, 2015, 90, 1266-1274.	2.5	38
132	A Compressible Thermal Lattice Boltzmann Model with Factorization Symmetry. Numerical Heat Transfer, Part B: Fundamentals, 2014, 66, 544-562.	0.6	5
133	A parameter study of tube bundle heat exchangers for fouling rate reduction. International Journal of Heat and Mass Transfer, 2014, 72, 210-221.	2.5	112
134	The Temperature Effect on the Diffusion Processes of Water and Proton in the Proton Exchange Membrane Using Molecular Dynamics Simulation. Numerical Heat Transfer; Part A: Applications, 2014, 65, 216-228.	1.2	41
135	Performance optimization of two-stage latent heat storage unit based on entransy theory. International Journal of Heat and Mass Transfer, 2014, 77, 695-703.	2.5	79
136	Investigation of Re -independence of turbulent flow and pollutant dispersion in urban street canyon using numerical wind tunnel (NWT) models. International Journal of Heat and Mass Transfer, 2014, 79, 176-188.	2.5	42
137	The impact of concrete structure on the thermal performance of the dual-media thermocline thermal storage tank using concrete as the solid medium. Applied Energy, 2014, 113, 1363-1371.	5.1	72
138	Numerical simulation of solar radiation transmission process for the solar tower power plant: From the heliostat field to the pressurized volumetric receiver. Applied Thermal Engineering, 2013, 61, 583-595.	3.0	59
139	Parametric optimization of regenerative organic Rankine cycle (ORC) for low grade waste heat recovery using genetic algorithm. Energy, 2013, 58, 473-482.	4.5	161
140	Experimental study on the performance of a novel structure for two-phase flow distribution in parallel vertical channels. International Journal of Multiphase Flow, 2013, 53, 65-74.	1.6	23
141	Thermal behavior of porous stainless-steel fiber felt saturated with phase change material. Energy, 2013, 55, 846-852.	4.5	44
142	Coupling of finite volume method and thermal lattice Boltzmann method and its application to natural convection. International Journal for Numerical Methods in Fluids, 2012, 70, 200-221.	0.9	18
143	Multiscale Simulations of Heat Transfer and Fluid Flow Problems. Journal of Heat Transfer, 2012, 134, .	1.2	61
144	A performance evaluation plot of enhanced heat transfer techniques oriented for energy-saving. International Journal of Heat and Mass Transfer, 2009, 52, 33-44.	2.5	213

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145	Factors influencing the lowest refrigerating temperature of the miniature co-axial pulse tube refrigerator. Heat Transfer - Asian Research, 2005, 34, 219-225.	2.8	0