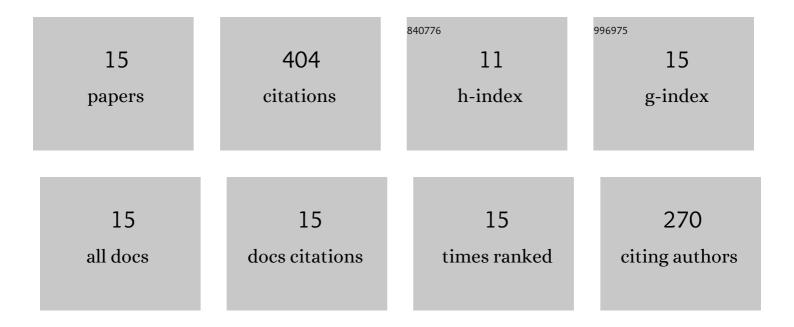
Yaohua Zhao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Performance simulation and optimization of new radiant floor heating based on micro heat pipe array. Building Simulation, 2022, 15, 1295-1308.	5.6	7
2	Experimental study on preheating thermal management system for lithium-ion battery based on U-shaped micro heat pipe array. Energy, 2022, 253, 124178.	8.8	24
3	Experimental investigation of a novel thermal storage solar air heater (TSSAH) based on flat micro-heat pipe arrays. Renewable Energy, 2021, 173, 639-651.	8.9	22
4	Active air cooling thermal management system based on U-shaped micro heat pipe array for lithium-ion battery. Journal of Power Sources, 2021, 507, 230314.	7.8	57
5	Optimum cooling surface for prismatic lithium battery with metal shell based on anisotropic thermal conductivity and dimensions. Journal of Power Sources, 2021, 506, 230182.	7.8	16
6	Inclined U-shaped flat microheat pipe array configuration for cooling and heating lithium-ion battery modules in electric vehicles. Energy, 2021, 235, 121433.	8.8	50
7	A comparative experimental investigation on thermal performance for two types of vacuum tube solar air collectors based on flat micro-heat pipe arrays (FMHPA). Solar Energy, 2020, 201, 508-522.	6.1	25
8	Thermal Performance and Energy Saving Analysis of Indoor Air–Water Heat Exchanger Based on Micro Heat Pipe Array for Data Center. Energies, 2020, 13, 393.	3.1	12
9	Effects of various inlet/outlet positions and header forms on flow distribution and thermal performance in microchannel heat sink. Microsystem Technologies, 2018, 24, 2485-2497.	2.0	12
10	Experimental study on heat dissipation for lithium-ion battery based on micro heat pipe array (MHPA). Applied Thermal Engineering, 2018, 130, 74-82.	6.0	88
11	Multi-objective optimization of double-layered microchannel heat sink based on derivative-free algorithm. Numerical Heat Transfer; Part A: Applications, 2018, 73, 535-552.	2.1	7
12	Experimental investigation of an integrated collector–storage solar air heater based on the lap joint-type flat micro-heat pipe arrays. Energy, 2018, 160, 924-939.	8.8	26
13	Performance evaluation of a novel flat-plate solar air collector with micro-heat pipe arrays (MHPA). Applied Thermal Engineering, 2017, 118, 1-16.	6.0	32
14	Experimental study on axial wall heat conduction for convective heat transfer in stainless steel microtube. Heat and Mass Transfer, 2007, 43, 587-594.	2.1	15
15	Visualization of Bubble Dynamics for Pool Boiling of Binary Refrigerant Mixture R11-R113. Chinese Journal of Chemical Engineering, 2006, 14, 149-157.	3.5	11