

# Yulong Ji

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

488  
citations

1040056

9  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Honeycomb Structure Inspired Triboelectric Nanogenerator for Highly Effective Vibration Energy Harvesting and Self-Powered Engine Condition Monitoring. <i>Advanced Energy Materials</i> , 2019, 9, 1902460.	19.5	133
2	Particle size effect on heat transfer performance in an oscillating heat pipe. <i>Experimental Thermal and Fluid Science</i> , 2011, 35, 724-727.	2.7	112
3	Hydrophobic Surface Effect on Heat Transfer Performance in an Oscillating Heat Pipe. <i>Journal of Heat Transfer</i> , 2012, 134, .	2.1	45
4	Nitrogen oxide removal by non-thermal plasma for marine diesel engines. <i>RSC Advances</i> , 2019, 9, 5402-5416.	3.6	25
5	3D printed aluminum flat heat pipes with micro grooves for efficient thermal management of high power LEDs. <i>Scientific Reports</i> , 2021, 11, 8255.	3.3	24
6	High-efficiency solar thermoelectric conversion enabled by movable charging of molten salts. <i>Scientific Reports</i> , 2020, 10, 20500.	3.3	16
7	Electrowetting on a multi-walled carbon nanotube membrane with different droplet sizes in an electric field. <i>Journal of Materials Science</i> , 2016, 51, 4031-4036.	3.7	15
8	Redundant energy combination and recovery scheme for dual fuel carriers based on thermoelectric harvesting with a large temperature range. <i>International Journal of Energy Research</i> , 2021, 45, 7404-7420.	4.5	13
9	Experimental investigation on an aluminum oscillating heat pipe charged with water. <i>Applied Thermal Engineering</i> , 2019, 162, 114182.	6.0	12
10	Salt-rejecting rGO-coated melamine foams for high-efficiency solar desalination. <i>Journal of Materials Research</i> , 2022, 37, 294-303.	2.6	10
11	Performance and Exergy Transfer Analysis of Heat Exchangers with Graphene Nanofluids in Seawater Source Marine Heat Pump System. <i>Energies</i> , 2020, 13, 1762.	3.1	9
12	Experimental and mechanism research on the NOx removal by a novel liquid electrode dielectric barrier discharge reactor. <i>Chemical Engineering Journal</i> , 2022, 443, 136375.	12.7	8
13	Effect of metal buffer layer on the thermal interface performance of liquid metal alloy on copper plate. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 15766-15771.	2.2	7
14	Nitrogen Oxide Removal by Coal-Based Activated Carbon for a Marine Diesel Engine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1656.	2.5	7
15	Porous TiNO solar-driven interfacial evaporator for high-efficiency seawater desalination. <i>AIP Advances</i> , 2021, 11, .	1.3	7
16	Experimental Study on the Removal of Real Exhaust Pollutants from a Diesel Engine by Activated Carbon. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3175.	2.5	6
17	Combined Analysis of Parameter Sensitivity and Exergy for Natural Gas Liquefaction in Cryogenic Fuel Production Process. <i>Processes</i> , 2020, 8, 561.	2.8	6
18	Harvesting thermal energy via tube-based triboelectric nanogenerators within an oscillating heat pipe. <i>Sustainable Energy and Fuels</i> , 2022, 6, 693-699.	4.9	6

#	ARTICLE	IF	CITATIONS
19	Heat Transfer Analysis of Flash Evaporation With MEPCM. Journal of Thermal Science and Engineering Applications, 2019, 11, .	1.5	5
20	Diesel engine exhaust denitration using non-thermal plasma with activated carbon. Reaction Chemistry and Engineering, 2020, 5, 1845-1857.	3.7	5
21	Wettability Control of VACNT Array through Atmospheric Plasma Treatment. Journal of Heat Transfer, 2015, 137, .	2.1	3
22	Effect of Liquid Grounding Electrode on the NOx Removal by Dielectric Barrier Discharge Non-Thermal Plasma. Applied Sciences (Switzerland), 2021, 11, 8815.	2.5	3
23	Study on Forced Convective Heat Transfer of FC-72 in Vertical Small Tubes. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	3
24	Thin-Film Evaporation Heat Transfer of Liquid Nitrogen and Its Application in Cell Vitrification. Journal of Heat Transfer, 2020, 142, .	2.1	3
25	Experimental Study on Oscillating Heat Pipe With a Hydraulic Diameter Far Exceeding the Maximum Hydraulic Diameter. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	3
26	Location Optimization of Hydrogen Refueling Stations in Hydrogen Expressway Based on Hydrogen Supply Chain Cost. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	2
27	The optimization of the fluid machinery design parameter. , 2009, , .		0
28	Visualization of an Oscillating Heat Pipe with Hydraulic Diameter Far Exceeding the Conventional Maximum Hydraulic Diameter. Journal of Heat Transfer, 2020, 142, .	2.1	0