

# Yulong Ji

## List of Publications by Year in descending order

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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	Salt-rejecting rGO-coated melamine foams for high-efficiency solar desalination. Journal of Materials Research, 2022, 37, 294-303.	2.6	10
2	Harvesting thermal energy via tube-based triboelectric nanogenerators within an oscillating heat pipe. Sustainable Energy and Fuels, 2022, 6, 693-699.	4.9	6
3	Experimental and mechanism research on the NO <sub>x</sub> removal by a novel liquid electrode dielectric barrier discharge reactor. Chemical Engineering Journal, 2022, 443, 136375.	12.7	8
4	Redundant energy combination and recovery scheme for dual fuel carriers based on thermoelectric harvesting with a large temperature range. International Journal of Energy Research, 2021, 45, 7404-7420.	4.5	13
5	3D printed aluminum flat heat pipes with micro grooves for efficient thermal management of high power LEDs. Scientific Reports, 2021, 11, 8255.	3.3	24
6	Porous TiNO solar-driven interfacial evaporator for high-efficiency seawater desalination. AIP Advances, 2021, 11, .	1.3	7
7	Effect of Liquid Grounding Electrode on the NO <sub>x</sub> Removal by Dielectric Barrier Discharge Non-Thermal Plasma. Applied Sciences (Switzerland), 2021, 11, 8815.	2.5	3
8	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
9	Diesel engine exhaust denitration using non-thermal plasma with activated carbon. Reaction Chemistry and Engineering, 2020, 5, 1845-1857.	3.7	5
10	High-efficiency solar thermoelectric conversion enabled by movable charging of molten salts. Scientific Reports, 2020, 10, 20500.	3.3	16
11	Combined Analysis of Parameter Sensitivity and Exergy for Natural Gas Liquefaction in Cryogenic Fuel Production Process. Processes, 2020, 8, 561.	2.8	6
12	Performance and Exergy Transfer Analysis of Heat Exchangers with Graphene Nanofluids in Seawater Source Marine Heat Pump System. Energies, 2020, 13, 1762.	3.1	9
13	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
14	Thin-Film Evaporation Heat Transfer of Liquid Nitrogen and Its Application in Cell Vitrification. Journal of Heat Transfer, 2020, 142, .	2.1	3
15	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
16	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
17	Effect of metal buffer layer on the thermal interface performance of liquid metal alloy on copper plate. Journal of Materials Science: Materials in Electronics, 2019, 30, 15766-15771.	2.2	7
18	Experimental Study on the Removal of Real Exhaust Pollutants from a Diesel Engine by Activated Carbon. Applied Sciences (Switzerland), 2019, 9, 3175.	2.5	6

#	ARTICLE	IF	CITATIONS
19	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
20	Experimental investigation on an aluminum oscillating heat pipe charged with water. <i>Applied Thermal Engineering</i> , 2019, 162, 114182.	6.0	12
21	Nitrogen Oxide Removal by Coal-Based Activated Carbon for a Marine Diesel Engine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1656.	2.5	7
22	Heat Transfer Analysis of Flash Evaporation With MEPCM. <i>Journal of Thermal Science and Engineering Applications</i> , 2019, 11, .	1.5	5
23	Nitrogen oxide removal by non-thermal plasma for marine diesel engines. <i>RSC Advances</i> , 2019, 9, 5402-5416.	3.6	25
24	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
25	Wettability Control of VACNT Array through Atmospheric Plasma Treatment. <i>Journal of Heat Transfer</i> , 2015, 137, .	2.1	3
26	Hydrophobic Surface Effect on Heat Transfer Performance in an Oscillating Heat Pipe. <i>Journal of Heat Transfer</i> , 2012, 134, .	2.1	45
27	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
28	The optimization of the fluid machinery design parameter. , 2009, , .		0