

# Jing Zhao

## List of Publications by Year in descending order

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16  
papers

443  
citations

687363

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times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal management of open-cathode proton exchange membrane fuel cell stack with thin vapor chambers. <i>Journal of Power Sources</i> , 2021, 485, 229314.	7.8	26
2	Experimental analysis of dynamic performance of air-cooled PEMFC stack integrated ultrathin vapor chambers under New European Driving Cycle. <i>International Journal of Energy Research</i> , 2021, 45, 20089-20103.	4.5	8
3	Experimental study on improving the dynamic characteristics of open-cathode PEMFC stack with dead-end anode by condensation and circulation of hydrogen. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19858-19868.	7.1	36
4	Visualization study on enhancing water transport of proton exchange membrane fuel cells with a dead-ended anode by generating fluctuating flow at anode compartment. <i>Energy Conversion and Management</i> , 2020, 206, 112477.	9.2	34
5	Thermal performance enhancement of air-cooled proton exchange membrane fuel cells by vapor chambers. <i>Energy Conversion and Management</i> , 2020, 213, 112830.	9.2	44
6	Experimental and theoretical study on improving the operating characteristics of an open-cathode PEMFC stack by generating periodic disturbances at anode. <i>Energy Conversion and Management</i> , 2019, 196, 1433-1444.	9.2	18
7	Experimental study on spatiotemporal distribution and variation characteristics of temperature in an open cathode proton exchange membrane fuel cell stack. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 27079-27093.	7.1	32
8	Cell and stack-level study of steady-state and transient behaviour of temperature uniformity of open-cathode proton exchange membrane fuel cells. <i>International Journal of Energy Research</i> , 2019, 43, 8148.	4.5	7
9	Experimental study on water management improvement of proton exchange membrane fuel cells with dead-ended anode by periodically supplying fuel from anode outlet. <i>Journal of Power Sources</i> , 2019, 435, 226775.	7.8	23
10	Experimental study on temperature characteristics of an air-cooled proton exchange membrane fuel cell stack. <i>Renewable Energy</i> , 2019, 143, 1067-1078.	8.9	43
11	The improvement on drying performance and energy efficiency of a tumbler clothes dryer with a novel electric heating element. <i>Applied Thermal Engineering</i> , 2018, 128, 531-538.	6.0	9
12	Dynamic behavior study on voltage and temperature of proton exchange membrane fuel cells. <i>Applied Thermal Engineering</i> , 2018, 145, 343-351.	6.0	48
13	Experimental study on the purge process of a proton exchange membrane fuel cell stack with a dead-end anode. <i>Applied Thermal Engineering</i> , 2018, 142, 203-214.	6.0	32
14	Experimental investigation of the thermal response of open-cathode proton exchange membrane fuel cell stack. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 13489-13500.	7.1	38
15	Experimental study of enhancing heating performance of the air-source heat pump by using a novel heat recovery device designed for reusing the energy of the compressor shell. <i>Energy Conversion and Management</i> , 2017, 138, 38-44.	9.2	28
16	Drying performance analysis of a condensing tumbler clothes dryer with a unique water cooled heat exchanger. <i>Applied Thermal Engineering</i> , 2017, 113, 601-608.	6.0	17