Jing Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7536050/publications.pdf

Version: 2024-02-01

16 papers	443 citations	687363 13 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	265 citing authors

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