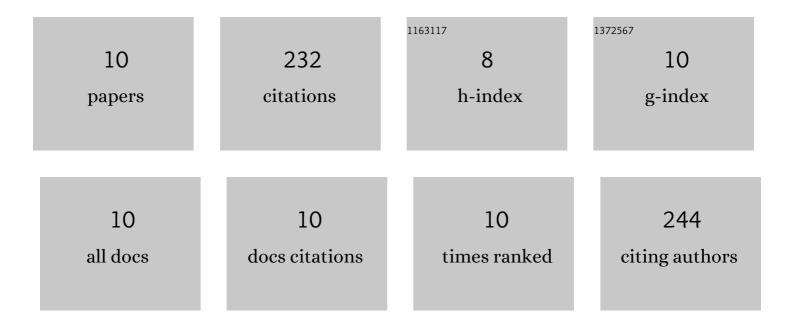
Zhirong Liao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Three-dimensional multiphase modeling of a proton exchange membrane electrolysis cell with a new interdigitated-jet hole flow field. Science China Technological Sciences, 2022, 65, 1179-1192.	4.0	17
2	Numerical investigation of water and temperature distributions in a proton exchange membrane electrolysis cell. Science China Technological Sciences, 2021, 64, 1555-1566.	4.0	28
3	A Study of Manufacturing Processes of Composite Form-Stable Phase Change Materials Based on Ca(NO3)2–NaNO3 and Expanded Graphite. Materials, 2020, 13, 5368.	2.9	9
4	The evolution of the mushy zone during the melting process of a binary nitrate salt. International Journal of Heat and Mass Transfer, 2019, 142, 118456.	4.8	6
5	Numerical study on the desorption process of a thermochemical reactor filled with MgCl2·6H2O for seasonal heat storage. Applied Thermal Engineering, 2019, 146, 785-794.	6.0	24
6	Efficiency analyses of high temperature thermal energy storage systems of rocks only and rock-PCM capsule combination. Solar Energy, 2018, 162, 153-164.	6.1	49
7	Cyclic performance analysis of a high temperature flat plate thermal energy storage unit with phase change material. Applied Thermal Engineering, 2018, 144, 1126-1136.	6.0	5
8	Experimental and Numerical Study of an Electrical Thermal Storage Device for Space Heating. Energies, 2018, 11, 2180.	3.1	12
9	Phase change of molten salt during the cold filling of a receiver tube. Solar Energy, 2014, 101, 254-264.	6.1	11
10	Allowable flux density on a solar central receiver. Renewable Energy, 2014, 62, 747-753.	8.9	71