

Minjin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,828
citations

758635

12
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

3444
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudo-halide anion engineering for FAPbI_3 perovskite solar cells. <i>Nature</i> , 2021, 592, 381-385.	13.7	2,095
2	High Performance of Planar Perovskite Solar Cells Produced from PbI_2 (DMSO) and PbI_2 (NMP) Complexes by Intramolecular Exchange. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500768.	1.9	206
3	High-Temperature "Short-Time Annealing Process for High-Performance Large-Area Perovskite Solar Cells. <i>ACS Nano</i> , 2017, 11, 6057-6064.	7.3	142
4	Fluorine Functionalized Graphene Nano Platelets for Highly Stable Inverted Perovskite Solar Cells. <i>Nano Letters</i> , 2017, 17, 6385-6390.	4.5	106
5	Degradation modeling and operational optimization for improving the lifetime of high-temperature PEM (proton exchange membrane) fuel cells. <i>Energy</i> , 2014, 66, 41-49.	4.5	76
6	Power optimization of a combined power system consisting of a high-temperature polymer electrolyte fuel cell and an organic Rankine cycle system. <i>Energy</i> , 2016, 113, 1062-1070.	4.5	41
7	Durability of high temperature polymer electrolyte membrane fuel cells in daily based start/stop operation mode using reformed gas. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 7769-7776.	3.8	30
8	Performance of a hybrid system consisting of a high-temperature polymer electrolyte fuel cell and an absorption refrigerator. <i>Energy</i> , 2017, 141, 2397-2407.	4.5	25
9	Development of preheating methodology for a 5 kW HT-PEMFC system. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 36982-36994.	3.8	22
10	Thermal management for a hydrogen-fueled 1-kW PEMFC based on thermoeconomic analysis. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 24934-24946.	3.8	17
11	Effects of cation size and concentration of cationic chlorides on the properties of formamidinium lead iodide based perovskite solar cells. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3753-3763.	2.5	17
12	Fabrication of perovskite solar cell with high short-circuit current density (JSC) using moth-eye structure of SiO_x . <i>Nano Research</i> , 2020, 13, 1156-1161.	5.8	17
13	Numerical modeling of the degradation rate for membrane electrode assemblies in high temperature proton exchange membrane fuel cells and analyzing operational effects of the degradation. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 5444-5455.	3.8	12
14	The introduction of a perovskite seed layer for high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20138-20144.	5.2	12
15	Flight paths for a regenerative fuel cell based high altitude long endurance unmanned aerial vehicle. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 3401-3409.	0.7	8
16	Analysis of a High Temperature Polymer Electrolyte Fuel Cell based Trigeneration System. <i>New & Renewable Energy</i> , 2017, 13, 59-68.	0.1	2