

Minjin Kim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

1,334
citations

10
h-index

16
g-index

16
ext. papers

2,132
ext. citations

10
avg, IF

4.67
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 16 | Pseudo-halide anion engineering for FAPbI_3 perovskite solar cells. <i>Nature</i> , 2021 , 592, 381-385 | 50.4 | 814 |
| 15 | Development of preheating methodology for a 5kW HT-PEMFC system. <i>International Journal of Hydrogen Energy</i> , 2021 , | 6.7 | 5 |
| 14 | 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 | 5.8 | 10 |
| 13 | 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 | 10 | 9 |
| 12 | Thermal management for a hydrogen-fueled 1-kW PEMFC based on thermoeconomic analysis. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 24934-24946 | 6.7 | 10 |
| 11 | The introduction of a perovskite seed layer for high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20138-20144 | 13 | 4 |
| 10 | High-Temperature-Short-Time Annealing Process for High-Performance Large-Area Perovskite Solar Cells. <i>ACS Nano</i> , 2017 , 11, 6057-6064 | 16.7 | 99 |
| 9 | Fluorine Functionalized Graphene Nano Platelets for Highly Stable Inverted Perovskite Solar Cells. <i>Nano Letters</i> , 2017 , 17, 6385-6390 | 11.5 | 84 |
| 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 | 7.9 | 16 |
| 7 | Analysis of a High Temperature Polymer Electrolyte Fuel Cell based Trigeneration System. <i>New & Renewable Energy</i> , 2017 , 13, 59-68 | 0.4 | 2 |
| 6 | High Performance of Planar Perovskite Solar Cells Produced from $\text{PbI}_2(\text{DMSO})$ and $\text{PbI}_2(\text{NMP})$ Complexes by Intramolecular Exchange. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500768 | 4.6 | 165 |
| 5 | 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 | 1.6 | 6 |
| 4 | 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 | 7.9 | 22 |
| 3 | 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 | 6.7 | 21 |
| 2 | 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 | 6.7 | 7 |
| 1 | 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 | 7.9 | 60 |