# Jaemin Park

List of Publications by Year
in descending order



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|---|---|---|---|
| 18 papers | 787 citations | 623699 14 h-index | 839512 18 g-index |
| 19 all docs | 19 docs citations | 19 times ranked | 936 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chemically Stable Semitransparent Perovskite Solar Cells with High Hydrogen Generation Rates Based on Photovoltaicâ€“Photoelectrochemical Tandem Cells. Advanced Photonics Research, 2022, 3, . | 3.6 | 0 |
| 2 | Crystal Facetâ€Controlled Efficient SnS Photocathodes for High Performance Biasâ€Free Solar Water Splitting. Advanced Science, 2021, 8, e2102458. | 11.2 | 17 |
| 3 | Understanding the Influence of Anion Exchange on the Hole Transport Layer for Efficient and Humidity-Stable Perovskite Solar Cells. ACS Sustainable Chemistry and Engineering, 2021, 9, 16730-16740. | 6.7 | 15 |
| 4 | Hierarchal Nanorod-Derived Bilayer Strategy to Enhance the Photocurrent Density of Sb<sub>2</sub>Se<sub>3</sub> Photocathodes for Photoelectrochemical Water Splitting. ACS Energy Letters, 2020, 5, 136-145. | 17.4 | 58 |
| 5 | Solar water splitting exceeding 10% efficiencyvialow-cost Sb<sub>2</sub>Se<sub>3</sub>photocathodes coupled with semitransparent perovskite photovoltaics. Energy and Environmental Science, 2020, 13, 4362-4370. | 30.8 | 47 |
| 6 | High-Performance Phase-Pure SnS Photocathodes for Photoelectrochemical Water Splitting Obtained via Molecular Ink-Derived Seed-Assisted Growth of Nanoplates. ACS Applied Materials & Interfaces, 2020, 12, 15155-15166. | 8.0 | 36 |
| 7 | Energy Level-Graded Al-Doped ZnO Protection Layers for Copper Nanowire-Based Window Electrodes for Efficient Flexible Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 13824-13835. | 8.0 | 31 |
| 8 | Hierarchically Structured Bifunctional Electrocatalysts of Stacked Coreâ€“Shell CoS<sub>1â^'</sub><sub>x</sub>P<sub>x</sub> Heterostructure Nanosheets for Overall Water Splitting. Small Methods, 2020, 4, 2000043. | 8.6 | 43 |
| 9 | Benchmark performance of low-cost Sb2Se3 photocathodes for unassisted solar overall water splitting. Nature Communications, 2020, 11, 861. | 12.8 | 135 |
| 10 | Efficient Solar-to-Hydrogen Conversion from Neutral Electrolytes using Morphology-Controlled Sb<sub>2</sub>Se<sub>3</sub> Light Absorbers. ACS Energy Letters, 2019, 4, 517-526. | 17.4 | 63 |
| 11 | Boosting Visible Light Harvesting in pâ€Type Ternary Oxides for Solarâ€toâ€Hydrogen Conversion Using Inverse Opal Structure. Advanced Functional Materials, 2019, 29, 1900194. | 14.9 | 43 |
| 12 | Photocathodes: Boosting Visible Light Harvesting in pâ€Type Ternary Oxides for Solarâ€toâ€Hydrogen Conversion Using Inverse Opal Structure (Adv. Funct. Mater. 17/2019). Advanced Functional Materials, 2019, 29, 1970115. | 14.9 | 1 |
| 13 | Water Splitting: Fullerene as a Photoelectron Transfer Promoter Enabling Stable TiO 2 â€Protected Sb 2 Se 3 Photocathodes for Photoâ€Electrochemical Water Splitting (Adv. Energy Mater. 16/2019). Advanced Energy Materials, 2019, 9, 1970053. | 19.5 | 1 |
| 14 | Cu-Doped NiO<sub>x</sub> as an Effective Hole-Selective Layer for a High-Performance Sb<sub>2</sub>Se<sub>3</sub> Photocathode for Photoelectrochemical Water Splitting. ACS Energy Letters, 2019, 4, 995-1003. | 17.4 | 88 |
| 15 | Fullerene as a Photoelectron Transfer Promoter Enabling Stable TiO<sub>2</sub>â€Protected Sb<sub>2</sub>Se<sub>3</sub> Photocathodes for Photoâ€Electrochemical Water Splitting. Advanced Energy Materials, 2019, 9, 1900179. | 19.5 | 43 |
| 16 | Photoelectrodes based on 2D opals assembled from Cu-delafossite double-shelled microspheres for an enhanced photoelectrochemical response. Nanoscale, 2018, 10, 3720-3729. | 5.6 | 25 |
| 17 | Adjusting the Anisotropy of 1D Sb<sub>2</sub>Se<sub>3</sub> Nanostructures for Highly Efficient Photoelectrochemical Water Splitting. Advanced Energy Materials, 2018, 8, 1702888. | 19.5 | 89 |
| 18 | Controlled Electrodeposition of Photoelectrochemically Active Amorphous MoS<sub>x</sub> Cocatalyst on Sb<sub>2</sub>Se<sub>3</sub> Photocathode. ACS Applied Materials & Interfaces, 2018, 10, 10898-10908. | 8.0 | 50 |