# Jinwhan Joo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/294125/publications.pdf

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| 21 | 1,326 | 516215 16 | 713013 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 2015 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Morphologyâ€Controlled Metal Sulfides and Phosphides for Electrochemical Water Splitting. Advanced Materials, 2019, 31, e1806682. | 11.1 | 500 |
| 2 | Nanoscale hetero-interfaces between metals and metal compounds for electrocatalytic applications. Journal of Materials Chemistry A, 2019, 7, 5090-5110. | 5.2 | 128 |
| 3 | High entropy alloy electrocatalysts: a critical assessment of fabrication and performance. Journal of Materials Chemistry A, 2020, 8, 14844-14862. | 5.2 | 108 |
| 4 | Recent Progress in Bifunctional Electrocatalysts for Overall Water Splitting under Acidic Conditions. ChemElectroChem, 2019, 6, 3244-3253. | 1.7 | 79 |
| 5 | NiOOH Exfoliation-Free Nickel Octahedra as Highly Active and Durable Electrocatalysts Toward the Oxygen Evolution Reaction in an Alkaline Electrolyte. ACS Applied Materials & Interfaces, 2018, 10, 10115-10122. | 4.0 | 68 |
| 6 | Recent advances in electrocatalysts toward the oxygen reduction reaction: the case of PtNi octahedra. Nanoscale, 2018, 10, 20073-20088. | 2.8 | 60 |
| 7 | An IrRu alloy nanocactus on Cu<sub>2â^'x</sub>S@IrS<sub>y</sub> as a highly efficient bifunctional electrocatalyst toward overall water splitting in acidic electrolytes. Journal of Materials Chemistry A, 2018, 6, 16130-16138. | 5.2 | 58 |
| 8 | Nanodendrites of platinum-group metals for electrocatalytic applications. Nano Research, 2018, 11, 6111-6140. | 5.8 | 54 |
| 9 | Recent advances in non-precious group metal-based catalysts for water electrolysis and beyond. Journal of Materials Chemistry A, 2021, 10, 50-88. | 5.2 | 44 |
| 10 | Hemi-core@frame AuCu@IrNi nanocrystals as active and durable bifunctional catalysts for the water splitting reaction in acidic media. Nanoscale Horizons, 2019, 4, 727-734. | 4.1 | 43 |
| 11 | Mnâ€Dopant Differentiating the Ru and Ir Oxidation States in Catalytic Oxides Toward Durable Oxygen Evolution Reaction in Acidic Electrolyte. Small Methods, 2022, 6, e2101236. | 4.6 | 31 |
| 12 | Hollow Structured Metal Sulfides for Photocatalytic Hydrogen Generation. ChemNanoMat, 2020, 6, 850-869. | 1.5 | 25 |
| 13 | Interfacing RuO<sub>2</sub> with Pt to induce efficient charge transfer from Pt to RuO<sub>2</sub> for highly efficient and stable oxygen evolution in acidic media. Journal of Materials Chemistry A, 2021, 9, 14352-14362. | 5.2 | 25 |
| 14 | Photon energy transfer by quantum dots in organicâ€“inorganic hybrid solar cells through FRET. Journal of Materials Chemistry A, 2016, 4, 10444-10453. | 5.2 | 24 |
| 15 | Synthesis of nano-sized urchin-shaped LiFePO<sub>4</sub> for lithium ion batteries. RSC Advances, 2019, 9, 13714-13721. | 1.7 | 19 |
| 16 | Microfluidicsâ€Assisted Synthesis of Hierarchical Cu<sub>2</sub>O Nanocrystal as C<sub>2</sub>â€Selective CO<sub>2</sub> Reduction Electrocatalyst. Small Methods, 2022, 6, e2200074. | 4.6 | 19 |
| 17 | Dopant-Assisted Control of the Crystallite Domain Size in Hollow Ternary Iridium Alloy Octahedral Nanocages toward the Oxygen Evolution Reaction. Cell Reports Physical Science, 2020, 1, 100260. | 2.8 | 14 |
| 18 | Pt<sup>2+</sup>-Exchanged ZIF-8 nanocube as a solid-state precursor for L1<sub>0</sub>-PtZn intermetallic nanoparticles embedded in a hollow carbon nanocage. Nanoscale, 2020, 12, 1118-1127. | 2.8 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis and characterization of In1â^'Ga P@ZnS alloy core-shell type colloidal quantum dots. Journal of Industrial and Engineering Chemistry, 2020, 88, 106-110. | 2.9 | 10 |
| 20 | Double Hypercrosslinked Porous Organic Polymer-Derived Electrocatalysts for a Water Splitting Device. ACS Applied Energy Materials, 2022, 5, 3269-3274. | 2.5 | 6 |
| 21 | Microfluidicsâ€Assisted Synthesis of Hierarchical Cu<sub>2</sub>O Nanocrystal as C<sub>2</sub>â€Selective CO<sub>2</sub> Reduction Electrocatalyst (Small Methods 5/2022). Small Methods, 2022, 6, . | 4.6 | 1 |