

S Gopi

List of Publications by Year in descending order

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papers

571
citations

623734

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#	ARTICLE	IF	CITATIONS
1	Bifunctional electrocatalysts for water splitting from a bimetallic (V doped-NixFey) Metal-Organic framework MOF@Graphene oxide composite. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 42122-42135.	7.1	33
2	Reinforcing the tetracene-based two-dimensional C ₄₈ H ₁₆ sheet by decorating the Li, Na, and K atoms for hydrogen storage and environmental application – A DFT study. <i>Environmental Research</i> , 2022, 204, 112114.	7.5	11
3	Heterostructure Co ₃ O ₄ @NiO as bifunctional electrocatalyst for high efficient urea oxidation and hydrogen evolution reaction. <i>Materials Letters</i> , 2022, 308, 131219.	2.6	9
4	Surface-tuned hierarchical É-Fe ₂ O ₃ @N-rGO nanohydrogel for efficient catalytic removal and electrochemical sensing of toxic nitro compounds. <i>Chemosphere</i> , 2021, 268, 128853.	8.2	31
5	2D Trimetal-organic framework derived metal carbon hybrid catalyst for urea electro-oxidation and 4-nitrophenol reduction. <i>Chemosphere</i> , 2021, 267, 129243.	8.2	23
6	Cobalt-modified 2D porous organic polymer for highly efficient electrocatalytic removal of toxic urea and nitrophenol. <i>Chemosphere</i> , 2021, 265, 129052.	8.2	14
7	A facile synthesis of metal ferrites and their catalytic removal of toxic nitro-organic pollutants. <i>Environmental Pollution</i> , 2021, 270, 116063.	7.5	39
8	Metal organic framework-derived Ni-Cu bimetallic electrocatalyst for efficient oxygen evolution reaction. <i>Journal of King Saud University - Science</i> , 2021, 33, 101379.	3.5	19
9	MoS ₂ Decoration Followed by P Inclusion over Ni-Co Bimetallic Metal-Organic Framework-Derived Heterostructures for Water Splitting. <i>Inorganic Chemistry</i> , 2021, 60, 10772-10780.	4.0	22
10	Facile fabrication of bifunctional SnO@NiO heteromixture for efficient electrocatalytic urea and water oxidation in urea-rich waste water. <i>Environmental Research</i> , 2021, 201, 111589.	7.5	16
11	Non-noble metal (Ni, Cu)-carbon composite derived from porous organic polymers for high-performance seawater electrolysis. <i>Environmental Pollution</i> , 2021, 289, 117861.	7.5	9
12	A porous organic polymer-coated permselective separator mitigating self-discharge of lithium-sulfur batteries. <i>Materials Advances</i> , 2020, 1, 648-657.	5.4	15
13	Cobalt(II) ions and cobalt nanoparticle embedded porous organic polymers: an efficient electrocatalyst for water-splitting reactions. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3797-3805.	4.9	18
14	Influence of MOF ligands on the electrochemical and interfacial properties of PEO-based electrolytes for all-solid-state lithium batteries. <i>Electrochimica Acta</i> , 2019, 319, 189-200.	5.2	64
15	Electropolymerization of thienyl tethered comonomers and application towards the electrocatalytic reduction of nitrobenzene. <i>RSC Advances</i> , 2019, 9, 1895-1902.	3.6	14
16	Metal organic framework laden poly(ethylene oxide) based composite electrolytes for all-solid-state Li-S and Li-metal polymer batteries. <i>Electrochimica Acta</i> , 2018, 285, 355-364.	5.2	118
17	Porous Organic Polymer-Derived Carbon Composite as a Bimodal Catalyst for Oxygen Evolution Reaction and Nitrophenol Reduction. <i>ACS Omega</i> , 2018, 3, 6251-6258.	3.5	36
18	A Supramolecular Investigation on the Interactions between Ethyl terminated Bisviologen Derivatives with Sulfonato Calix[4]arenes. <i>ChemistrySelect</i> , 2017, 2, 1175-1182.	1.5	11

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19	1,4-Phenylenediamine based covalent triazine framework as an electro catalyst. Polymer, 2017, 109, 315-320.	3.8	39
20	High Rate Performing in Situ Nitrogen Enriched Spherical Carbon Particles for Li/Na-Ion Cells. ACS Applied Materials & Interfaces, 2017, 9, 39326-39335.	8.0	30