

List of Publications by Citations

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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.

27
papers

456
citations

11
h-index

21
g-index

29
ext. papers

580
ext. citations

6.3
avg, IF

3.39
L-index

#	Paper	IF	Citations
27	Hierarchical CdS/m-TiO ₂ /G ternary photocatalyst for highly active visible light-induced hydrogen production from water splitting with high stability. <i>Nano Energy</i> , 2018 , 47, 8-17	17.1	103
26	Homojunction of Oxygen and Titanium Vacancies and its Interfacial n-p Effect. <i>Advanced Materials</i> , 2018 , 30, e1802173	24	86
25	Spatial Heterojunction in Nanostructured TiO and Its Cascade Effect for Efficient Photocatalysis. <i>Nano Letters</i> , 2020 , 20, 3122-3129	11.5	38
24	Self-generated hierarchically porous titania with high surface area: photocatalytic activity enhancement by macrochannel structure. <i>Journal of Colloid and Interface Science</i> , 2012 , 368, 128-38	9.3	36
23	Hierarchical MoS @TiO Heterojunctions for Enhanced Photocatalytic Performance and Electrocatalytic Hydrogen Evolution. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1609-1615	4.5	33
22	Hierarchically porous graphene for batteries and supercapacitors. <i>New Journal of Chemistry</i> , 2018 , 42, 5634-5655	3.6	20
21	Interfacial co-existence of oxygen and titanium vacancies in nanostructured TiO for enhancement of carrier transport. <i>Nanoscale</i> , 2020 , 12, 8364-8370	7.7	18
20	Hydrogen Evolution Enhancement over a Cobalt-Based Schottky Interface. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27641-27647	9.5	16
19	Hierarchically Dual-Mesoporous TiO Microspheres for Enhanced Photocatalytic Properties and Lithium Storage. <i>Chemistry - A European Journal</i> , 2018 , 24, 13246-13252	4.8	14
18	Self-assembly to monolayer graphene film with high electrical conductivity. <i>Journal of Energy Chemistry</i> , 2013 , 22, 52-57	12	13
17	Mosaic structure effect and superior catalytic performance of AgBr/Ag ₂ MoO ₄ composite materials. <i>RSC Advances</i> , 2016 , 6, 94771-94779	3.7	12
16	Synthesis of hydrophobic and hydrophilic TiO nanofluids for transformable surface wettability and photoactive coating. <i>Chemical Communications</i> , 2019 , 55, 9275-9278	5.8	10
15	3D Graphene-based macro-mesoporous frameworks as enzymatic electrodes. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 130, 1-5	3.9	7
14	Graphene Oxide Coating Enhances Adsorption of Lead Ions on Mesoporous SiO ₂ Spheres. <i>Chemistry Letters</i> , 2018 , 47, 210-212	1.7	6
13	High lithium ion battery performance enhancement by controlled carbon coating of TiO ₂ hierarchically porous hollow spheres. <i>RSC Advances</i> , 2016 , 6, 70485-70492	3.7	6
12	Silica coating with well-defined micro-nano hierarchy for universal and stable surface superhydrophobicity. <i>Chemical Physics Letters</i> , 2019 , 730, 594-599	2.5	5
11	Hierarchical TiO ₂ microsphere assembled from nanosheets with high photocatalytic activity and stability. <i>Chemical Physics Letters</i> , 2020 , 739, 136989	2.5	5

10	One-pot synthesis of hierarchical CdS/MoS ₂ /rGO with enhanced (photo)electrocatalytic activities. <i>Chemical Physics Letters</i> , 2020 , 759, 138047	2.5	5
9	Hierarchical structured TiO ₂ templated by dictyophora indusiata for enhanced photocatalytic activity. <i>Chemical Physics Letters</i> , 2018 , 708, 32-36	2.5	4
8	Photoinduced Terminal Fluorine and Ti 3+ in TiOF ₂ /TiO ₂ Heterostructure for Enhanced Charge Transfer. <i>CCS Chemistry</i> , 2020 , 2, 1573-1581	7.2	4
7	Ultimate Corrosion to Pt-Cu Electrocatalysts for Enhancing Methanol Oxidation Activity and Stability in Acidic Media. <i>Chemistry - A European Journal</i> , 2021 , 27, 9124-9128	4.8	3
6	Oxygen Vacancy Defects and a Field Effect-Mediated ZnO/WO Heterojunction for Enhanced Corrosion Resistance. <i>Inorganic Chemistry</i> , 2021 , 60, 15390-15403	5.1	3
5	TiO ₂ Nanoparticles Incorporated with Graphite Particles: An Efficient Photocatalyst for the Photocatalytic Reduction of Cr(VI) Ions in Aqueous Solution. <i>Journal of Dispersion Science and Technology</i> , 2011 , 32, 213-216	1.5	2
4	Self-induced synthesis under neutral conditions and novel visible light photocatalytic activity of Ag ₄ V ₂ O ₇ polyoxometalate. <i>New Journal of Chemistry</i> , 2021 , 45, 9569-9581	3.6	2
3	Enhancing Corrosion Inhibition Performance of ZnO Solid Solution by Doping Variable-Valence Rare-Earth Element Cerium. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 421-432	3.9	1
2	A facile synthesis of hierarchically porous graphene for high-performance lithium storage. <i>New Journal of Chemistry</i> ,	3.6	
1	Improved anticorrosion performance of mixed valence Mn-modified ZnO dilute magnetic solid solution with multilevel self-assembled network structure. <i>Nano Research</i> , 1	10	