

Ang Li

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.

47
papers

2,933
citations

22
h-index

54
g-index

56
ext. papers

3,561
ext. citations

10.4
avg, IF

5.53
L-index

#	Paper	IF	Citations
47	Pt modified TiO ₂ /NiO p-n junction with enhanced surface reaction and charge separation for efficient photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2022 , 47, 10868-10876	10.7	5
46	Enabling High Loading in Single-Atom Catalysts on Bare Substrate with Chemical Scissors by Saturating the Anchoring Sites.. <i>Small</i> , 2022 , e2200073	11	3
45	Enabling High Loading in Single-Atom Catalysts on Bare Substrate with Chemical Scissors by Saturating the Anchoring Sites (Small 19/2022). <i>Small</i> , 2022 , 18, 2270098	11	1
44	Toxicology of respiratory system: Profiling chemicals in PM for molecular targets and adverse outcomes.. <i>Environment International</i> , 2021 , 159, 107040	12.9	0
43	Nutritional constituent and health benefits of chickpea (<i>Cicer arietinum</i> L.): A review. <i>Food Research International</i> , 2021 , 150, 110790	7	2
42	Metal-Organic Frameworks and Their Derivatives: Designing Principles and Advances toward Advanced Cathode Materials for Alkali Metal Ion Batteries. <i>Small</i> , 2021 , 17, e2006424	11	17
41	Double-shelled CuO/MnO mesoporous hollow structure for CO photoreduction with enhanced stability and activity. <i>Nanoscale</i> , 2020 , 12, 13912-13917	7.7	14
40	Enhanced CO Electroreduction on Neighboring Zn/Co Monomers by Electronic Effect. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12664-12668	16.4	83
39	Amelioration of PM-induced lung toxicity in rats by nutritional supplementation with biochanin A. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 202, 110878	7	8
38	Enhanced CO ₂ Electroreduction on Neighboring Zn/Co Monomers by Electronic Effect. <i>Angewandte Chemie</i> , 2020 , 132, 12764-12768	3.6	8
37	Antioxidant Activities of Yinchenhao (<i>Artemisiae Capillaris</i>) Leaves. <i>Current Topics in Nutraceutical Research</i> , 2020 , 18, 386-391	0.2	
36	Synthesis of Interface-Driven Tunable Bandgap Metal Oxides 2020 , 2, 1211-1217		9
35	Photoelectrochemical CO ₂ reduction to adjustable syngas on grain-boundary-mediated a-Si/TiO ₂ /Au photocathodes with low onset potentials. <i>Energy and Environmental Science</i> , 2019 , 12, 923-928	35.4	74
34	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO to Methanol. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3804-3808	16.4	63
33	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO ₂ to Methanol. <i>Angewandte Chemie</i> , 2019 , 131, 3844-3848	3.6	9
32	Highly Dispersed Pd Nanoparticles Supported on Zr-Doped MgAl Mixed Metal Oxides for 2-Ethylanthraquinone Hydrogenation. <i>Transactions of Tianjin University</i> , 2019 , 25, 576-585	2.9	1
31	iTRAQ based proteomic analysis of PM induced lung damage.. <i>RSC Advances</i> , 2019 , 9, 11707-11717	3.7	7

30	Three-Phase Photocatalysis for the Enhanced Selectivity and Activity of CO Reduction on a Hydrophobic Surface. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14549-14555	16.4	136
29	Three-Phase Photocatalysis for the Enhanced Selectivity and Activity of CO ₂ Reduction on a Hydrophobic Surface. <i>Angewandte Chemie</i> , 2019 , 131, 14691-14697	3.6	21
28	Rational design of yolk-shell nanostructures for photocatalysis. <i>Chemical Society Reviews</i> , 2019 , 48, 1874-1897	4.9	171
27	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO Photoelectrodes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5278-5282	16.4	271
26	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO ₂ Photoelectrodes. <i>Angewandte Chemie</i> , 2018 , 130, 5376-5380	3.6	37
25	Spatial control of cocatalysts and elimination of interfacial defects towards efficient and robust CIGS photocathodes for solar water splitting. <i>Energy and Environmental Science</i> , 2018 , 11, 2025-2034	35.4	87
24	Reaktitelbild: Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO ₂ Photoelectrodes (Angew. Chem. 19/2018). <i>Angewandte Chemie</i> , 2018 , 130, 5656-5656	3.6	56
23	CO ₂ Electroreduction: Morphological and Compositional Design of PdCu Bimetallic Nanocatalysts with Controllable Product Selectivity toward CO ₂ Electroreduction (Small 7/2018). <i>Small</i> , 2018 , 14, 1870031	11	1
22	Synergism of Geometric Construction and Electronic Regulation: 3D Se-(NiCo)S _x /(OH) _x Nanosheets for Highly Efficient Overall Water Splitting. <i>Advanced Materials</i> , 2018 , 30, e1705538	24	193
21	Morphological and Compositional Design of Pd-Cu Bimetallic Nanocatalysts with Controllable Product Selectivity toward CO Electroreduction. <i>Small</i> , 2018 , 14, 1703314	11	65
20	WO ₃ photoanodes with controllable bulk and surface oxygen vacancies for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3350-3354	13	69
19	Effects of non-linear conductivity on charge trapping and de-trapping behaviours in epoxy/SiC composites under DC stress. <i>IET Science, Measurement and Technology</i> , 2018 , 12, 83-89	1.5	27
18	Water Splitting: Synergism of Geometric Construction and Electronic Regulation: 3D Se-(NiCo)S _x /(OH) _x Nanosheets for Highly Efficient Overall Water Splitting (Adv. Mater. 12/2018). <i>Advanced Materials</i> , 2018 , 30, 1870085	24	25
17	Tunable syngas production from photocatalytic CO reduction with mitigated charge recombination driven by spatially separated cocatalysts. <i>Chemical Science</i> , 2018 , 9, 5334-5340	9.4	65
16	Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4150-4155	16.4	104
15	Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. <i>Angewandte Chemie</i> , 2017 , 129, 4214-4219	3.6	35
14	Innenreaktitelbild: Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation (Angew. Chem. 15/2017). <i>Angewandte Chemie</i> , 2017 , 129, 4427-4427	3.6	27
13	Effects of DC and pulse voltage combination on surface charge dynamic behaviors of epoxy resin. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017 , 24, 2025-2033	2.3	11

12	Innentitelbild: Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts (Angew. Chem. 44/2016). <i>Angewandte Chemie</i> , 2016 , 128, 13818-13818	3.6	1
11	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. <i>Angewandte Chemie</i> , 2016 , 128, 13938-13942	3.6	16
10	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13734-13738	16.4	124
9	Effect of direct fluorination on partial discharge characteristics of polyimide film used as magnet wire insulation of generator. <i>IET Generation, Transmission and Distribution</i> , 2016 , 10, 2251-2258	2.5	2
8	Effects of AC and pulse voltage combination on surface charge accumulation and decay of epoxy resin. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016 , 23, 2368-2376	2.3	22
7	Fabrication of porous nanoflake BiMO (M = W, V, and Mo) photoanodes hydrothermal anion exchange. <i>Chemical Science</i> , 2016 , 7, 6381-6386	9.4	51
6	Spatial separation of oxidation and reduction co-catalysts for efficient charge separation: Pt@TiO@MnO hollow spheres for photocatalytic reactions. <i>Chemical Science</i> , 2016 , 7, 890-895	9.4	111
5	Hollow spherical titanium dioxide nanoparticles for energy and environmental applications. <i>Particuology</i> , 2015 , 22, 13-23	2.8	21
4	Enhanced Surface Reaction Kinetics and Charge Separation of p-n Heterojunction Co ₃ O ₄ /BiVO ₄ Photoanodes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8356-9	16.4	611
3	Gold Nanorod@TiO ₂ Yolk-Shell Nanostructures for Visible-Light-Driven Photocatalytic Oxidation of Benzyl Alcohol. <i>Small</i> , 2015 , 11, 1892-9	11	92
2	Controllable synthesis of nanotube-type graphitic C ₃ N ₄ and their visible-light photocatalytic and fluorescent properties. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2885	13	223
1	Preparation of a Pb loaded gas diffusion electrode and its application to CO ₂ electroreduction. <i>Frontiers of Chemical Science and Engineering</i> , 2012 , 6, 381-388	4.5	21