Ang Li

List of Publications by Citations

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	Enhanced Surface Reaction Kinetics and Charge Separation of p-n Heterojunction Co3O4/BiVO4 Photoanodes. *Journal of the American Chemical Society*, **2015**, 137, 8356-9	16.4	611
46	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO Photoelectrodes. *Angewandte Chemie - International Edition*, **2018**, 57, 5278-5282	16.4	271
45	Controllable synthesis of nanotube-type graphitic C3N4 and their visible-light photocatalytic and fluorescent properties. *Journal of Materials Chemistry A*, **2014**, 2, 2885	13	223
44	Synergism of Geometric Construction and Electronic Regulation: 3D Se-(NiCo)S /(OH) Nanosheets for Highly Efficient Overall Water Splitting. *Advanced Materials*, **2018**, 30, e1705538	24	193
43	Rational design of yolk-shell nanostructures for photocatalysis. *Chemical Society Reviews*, **2019**, 48, 1874-1907	58.9	171
42	Three-Phase Photocatalysis for the Enhanced Selectivity and Activity of CO Reduction on a Hydrophobic Surface. *Angewandte Chemie - International Edition*, **2019**, 58, 14549-14555	16.4	136
41	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. *Angewandte Chemie - International Edition*, **2016**, 55, 13734-13738	16.4	124
40	Spatial separation of oxidation and reduction co-catalysts for efficient charge separation: Pt@TiO@MnO hollow spheres for photocatalytic reactions. *Chemical Science*, **2016**, 7, 890-895	9.4	111
39	Surviving High-Temperature Calcination: ZrO -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. *Angewandte Chemie - International Edition*, **2017**, 56, 4150-4155	16.4	104
38	Gold Nanorod@TiO2 Yolk-Shell Nanostructures for Visible-Light-Driven Photocatalytic Oxidation of Benzyl Alcohol. *Small*, **2015**, 11, 1892-9	11	92
37	Spatial control of cocatalysts and elimination of interfacial defects towards efficient and robust CIGS photocathodes for solar water splitting. *Energy and Environmental Science*, **2018**, 11, 2025-2034	35.4	87
36	Enhanced CO Electroreduction on Neighboring Zn/Co Monomers by Electronic Effect. *Angewandte Chemie - International Edition*, **2020**, 59, 12664-12668	16.4	83
35	Photoelectrochemical CO2 reduction to adjustable syngas on grain-boundary-mediated a-Si/TiO2/Au photocathodes with low onset potentials. *Energy and Environmental Science*, **2019**, 12, 923-928	35.4	74
34	WO3 photoanodes with controllable bulk and surface oxygen vacancies for photoelectrochemical water oxidation. *Journal of Materials Chemistry A*, **2018**, 6, 3350-3354	13	69
33	Morphological and Compositional Design of Pd-Cu Bimetallic Nanocatalysts with Controllable Product Selectivity toward CO Electroreduction. *Small*, **2018**, 14, 1703314	11	65
32	Tunable syngas production from photocatalytic CO reduction with mitigated charge recombination driven by spatially separated cocatalysts. *Chemical Science*, **2018**, 9, 5334-5340	9.4	65
31	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO to Methanol. *Angewandte Chemie - International Edition*, **2019**, 58, 3804-3808	16.4	63

30	Fabrication of porous nanoflake BiMO (M = W, V, and Mo) photoanodes hydrothermal anion exchange. *Chemical Science*, **2016**, 7, 6381-6386	9.4	51
29	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO2 Photoelectrodes. *Angewandte Chemie*, **2018**, 130, 5376-5380	3.6	37
28	Surviving High-Temperature Calcination: ZrO2-Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. *Angewandte Chemie*, **2017**, 129, 4214-4219	3.6	35
27	Effects of non-linear conductivity on charge trapping and de-trapping behaviours in epoxy/SiC composites under DC stress. *IET Science, Measurement and Technology*, **2018**, 12, 83-89	1.5	27
26	Water Splitting: Synergism of Geometric Construction and Electronic Regulation: 3D Se-(NiCo)Sx/(OH)x Nanosheets for Highly Efficient Overall Water Splitting (Adv. Mater. 12/2018). *Advanced Materials*, **2018**, 30, 1870085	24	25
25	Effects of AC and pulse voltage combination on surface charge accumulation and decay of epoxy resin. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2016**, 23, 2368-2376	2.3	22
24	Hollow spherical titanium dioxide nanoparticles for energy and environmental applications. *Particuology*, **2015**, 22, 13-23	2.8	21
23	Three-Phase Photocatalysis for the Enhanced Selectivity and Activity of CO2 Reduction on a Hydrophobic Surface. *Angewandte Chemie*, **2019**, 131, 14691-14697	3.6	21
22	Preparation of a Pb loaded gas diffusion electrode and its application to CO2 electroreduction. *Frontiers of Chemical Science and Engineering*, **2012**, 6, 381-388	4.5	21
21	Metal-Organic Frameworks and Their Derivatives: Designing Principles and Advances toward Advanced Cathode Materials for Alkali Metal Ion Batteries. *Small*, **2021**, 17, e2006424	11	17
20	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. *Angewandte Chemie*, **2016**, 128, 13938-13942	3.6	16
19	Double-shelled CuO/MnO mesoporous hollow structure for CO photoreduction with enhanced stability and activity. *Nanoscale*, **2020**, 12, 13912-13917	7.7	14
18	Effects of DC and pulse voltage combination on surface charge dynamic behaviors of epoxy resin. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2017**, 24, 2025-2033	2.3	11
17	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO2 to Methanol. *Angewandte Chemie*, **2019**, 131, 3844-3848	3.6	9
16	Synthesis of Interface-Driven Tunable Bandgap Metal Oxides **2020**, 2, 1211-1217		9
15	Amelioration of PM-induced lung toxicity in rats by nutritional supplementation with biochanin A. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110878	7	8
14	Enhanced CO2 Electroreduction on Neighboring Zn/Co Monomers by Electronic Effect. *Angewandte Chemie*, **2020**, 132, 12764-12768	3.6	8
13	iTRAQ based proteomic analysis of PM induced lung damage.. *RSC Advances*, **2019**, 9, 11707-11717	3.7	7

12	Pt modified TiO2/NiO p-n junction with enhanced surface reaction and charge separation for efficient photocatalytic hydrogen evolution. *International Journal of Hydrogen Energy*, **2022**, 47, 10868-10876	6.7	5
11	Enabling High Loading in Single-Atom Catalysts on Bare Substrate with Chemical Scissors by Saturating the Anchoring Sites.. *Small*, **2022**, e2200073	11	3
10	Effect of direct fluorination on partial discharge characteristics of polyimide film used as magnet wire insulation of generator. *IET Generation, Transmission and Distribution*, **2016**, 10, 2251-2258	2.5	2
9	Nutritional constituent and health benefits of chickpea (Cicer arietinum L.): A review. *Food Research International*, **2021**, 150, 110790	7	2
8	Highly Dispersed Pd Nanoparticles Supported on Zr-Doped MgAl Mixed Metal Oxides for 2-Ethylanthraquinone Hydrogenation. *Transactions of Tianjin University*, **2019**, 25, 576-585	2.9	1
7	CO2 Electroreduction: Morphological and Compositional Design of Pd□u Bimetallic Nanocatalysts with Controllable Product Selectivity toward CO2 Electroreduction (Small 7/2018). *Small*, **2018**, 14, 1870031	11	1
6	Innentitelbild: Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts (Angew. Chem. 44/2016). *Angewandte Chemie*, **2016**, 128, 13818-13818	3.6	1
5	Enabling High Loading in Single-Atom Catalysts on Bare Substrate with Chemical Scissors by Saturating the Anchoring Sites (Small 19/2022). *Small*, **2022**, 18, 2270098	11	1
4	Toxicology of respiratory system: Profiling chemicals in PM for molecular targets and adverse outcomes.. *Environment International*, **2021**, 159, 107040	12.9	0
3	Innenr□ktitelbild: Surviving High-Temperature Calcination: ZrO2-Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation (Angew. Chem. 15/2017). *Angewandte Chemie*, **2017**, 129, 4427-4427	3.6	
2	R□ktitelbild: Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO2 Photoelectrodes (Angew. Chem. 19/2018). *Angewandte Chemie*, **2018**, 130, 5656-5656	3.6	
1	Antioxidant Activities of Yinchenhao (Artemisiae Capillaris) Leaves. *Current Topics in Nutraceutical Research*, **2020**, 18, 386-391	0.2	