

Yuangang Li

List of Publications by Year in descending order

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60
papers

3,542
citations

147801

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149698

56
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docs citations

64
times ranked

5361
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructured Graphene Arrays for Highly Sensitive Flexible Tactile Sensors. <i>Small</i> , 2014, 10, 3625-3631.	10.0	540
2	Sericin for Resistance Switching Device with Multilevel Nonvolatile Memory. <i>Advanced Materials</i> , 2013, 25, 5498-5503.	21.0	219
3	Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence. <i>Advanced Materials</i> , 2018, 30, e1705011.	21.0	213
4	Configurable Resistive Switching between Memory and Threshold Characteristics for Protein-Based Devices. <i>Advanced Functional Materials</i> , 2015, 25, 3825-3831.	14.9	175
5	Efficient and Stable Photoelectrochemical Seawater Splitting with $\text{TiO}_2/\text{g-C}_3\text{N}_4$ Nanorod Arrays Decorated by Co-Pi. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20283-20292.	3.1	161
6	A Synergistic Capture Strategy for Enhanced Detection and Elimination of Bacteria. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5837-5841.	13.8	136
7	Gelating-induced supramolecular chirality of achiral porphyrins: chiroptical switch between achiral molecules and chiral assemblies. <i>Soft Matter</i> , 2007, 3, 1312.	2.7	134
8	Multiresponsive Chiroptical Switch of an Azobenzene-Containing Lipid: Solvent, Temperature, and Photoregulated Supramolecular Chirality. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3322-3329.	2.6	129
9	Construction of inorganic-organic $2\text{D}/2\text{D WO}_3/\text{g-C}_3\text{N}_4$ nanosheet arrays toward efficient photoelectrochemical splitting of natural seawater. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10255-10261.	2.8	118
10	Optically Active Upconverting Nanoparticles with Induced Circularly Polarized Luminescence and Enantioselectively Triggered Photopolymerization. <i>ACS Nano</i> , 2019, 13, 2804-2811.	14.6	114
11	Self-Assembled Ultralong Chiral Nanotubes and Tuning of Their Chirality Through the Mixing of Enantiomeric Components. <i>Chemistry - A European Journal</i> , 2010, 16, 8034-8040.	3.3	103
12	Ultrasound induced formation of organogel from a glutamic dendron. <i>Tetrahedron</i> , 2007, 63, 7468-7473.	1.9	91
13	Hierarchically branched $\text{Fe}_2\text{O}_3/\text{TiO}_2$ nanorod arrays for photoelectrochemical water splitting: facile synthesis and enhanced photoelectrochemical performance. <i>Nanoscale</i> , 2016, 8, 11284-11290.	5.6	87
14	Amino Acid Derivatives of Cholesterol as Latent Organogelators with Hydrogen Chloride as a Protonation Reagent. <i>Langmuir</i> , 2006, 22, 7016-7020.	3.5	74
15	Photoelectrochemical splitting of natural seawater with $\text{Fe}_2\text{O}_3/\text{WO}_3$ nanorod arrays. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4096-4105.	7.1	72
16	Fabrication of inorganic-organic core-shell heterostructure: novel $\text{CdS}/\text{g-C}_3\text{N}_4$ nanorod arrays for photoelectrochemical hydrogen evolution. <i>RSC Advances</i> , 2015, 5, 14074-14080.	3.6	71
17	Synergistic Redox Reaction for Value-Added Organic Transformation via Dual-Functional Photocatalytic Systems. <i>ACS Catalysis</i> , 2021, 11, 4613-4632.	11.2	69
18	Monomolecular Layers of Pyrene as a Sensor to Dicarboxylic Acids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1207-1213.	2.6	68

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19	Fabrication of chiral silver nanoparticles and chiral nanoparticulate film via organogel. <i>Chemical Communications</i> , 2008, , 5571.	4.1	67
20	Bioengineered Tunable Memristor Based on Protein Nanocage. <i>Small</i> , 2014, 10, 277-283.	10.0	66
21	(<i>R</i>)-Binaphthyl derivatives as chiral dopants: substituent position controlled circularly polarized luminescence in liquid crystals. <i>Chemical Communications</i> , 2019, 55, 5914-5917.	4.1	65
22	Long- λ Persistent Circularly Polarized Phosphorescence from Chiral Organic Ionic Crystals. <i>Chemistry - A European Journal</i> , 2018, 24, 17444-17448.	3.3	64
23	Functionalized Superwetttable Fabric with Switchable Wettability for Efficient Oily Wastewater Purification, in Situ Chemical Reaction System Separation, and Photocatalysis Degradation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43751-43765.	8.0	58
24	Supramolecular Chiroptical Switches Based on Achiral Molecules. <i>Advanced Materials</i> , 2008, 20, 2908-2913.	21.0	53
25	Kinetic comparison of photocatalysis with H ₂ O ₂ -free photo-Fenton process on BiVO ₄ and the effective antibiotic degradation. <i>Chemical Engineering Journal</i> , 2022, 429, 132577.	12.7	51
26	Gelation and self-assembly of glutamate bolaamphiphiles with hybrid linkers: effect of the aromatic ring and alkyl spacers. <i>Soft Matter</i> , 2009, 5, 1066.	2.7	45
27	Enhancing the electrochromic properties of polyaniline via coordinate bond tethering the polyaniline with gold colloids. <i>Solar Energy Materials and Solar Cells</i> , 2018, 177, 134-141.	6.2	39
28	H ₂ O ₂ -free photo-Fenton degradation of organic pollutants on thermally exfoliated g-C ₃ N ₄ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124190.	4.7	37
29	Hydrothermal growth of MoS ₂ /Co ₃ S ₄ composites as efficient Pt-free counter electrodes for dye-sensitized solar cells. <i>Science China Materials</i> , 2017, 60, 295-303.	6.3	35
30	Electrodeposited ternary iron-cobalt-nickel catalyst on nickel foam for efficient water electrolysis at high current density. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 694-702.	4.7	34
31	Solvent-Regulated Self-Assembly of an Achiral Donor-Acceptor Complex in Confined Chiral Nanotubes: Chirality Transfer, Inversion and Amplification. <i>Chemistry - A European Journal</i> , 2017, 23, 8225-8231.	3.3	32
32	Towards a universal organogelator: A general mixing approach to fabricate various organic compounds into organogels. <i>Science China Chemistry</i> , 2011, 54, 1051-1063.	8.2	26
33	Optoelectronics of Organic Nanofibers Formed by Co-Assembly of Porphyrin and Peryleneimide. <i>Small</i> , 2014, 10, 2776-2781.	10.0	24
34	Layered Sulfur Nanosheets Prepared by Assembly of Sulfur Quantum Dots: Implications for Wide Optical Absorption and Multiwavelength Photoluminescence. <i>ACS Applied Nano Materials</i> , 2020, 3, 10749-10756.	5.0	22
35	Acidochromism and Supramolecular Chirality of Tetrakis(4-sulfonatophenyl)porphyrin in Organized Molecular Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4861-4866.	3.1	21
36	Graphene Carrier for Magneto-Controllable Bioelectrocatalysis. <i>Small</i> , 2014, 10, 647-652.	10.0	20

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37	Strong Dynamic Interfacial Adhesion by Polymeric Ionic Liquids under Extreme Conditions. ACS Nano, 2022, 16, 5303-5315.	14.6	19
38	Stable Layered Sulfur Nanosheets Prepared by One-Step Liquid-Phase Exfoliation of Natural Sublimed Sulfur with Bovine Serum Albumin for Photocatalysis. Chemistry of Materials, 2020, 32, 10476-10481.	6.7	18
39	Intelligent composite foam with reversible tunable superwettability for efficient and sustainable oil/water separation and high-concentration organic wastewater purification. Chemical Engineering Research and Design, 2021, 149, 144-157.	5.6	16
40	Endowing Phosphor Materials with Long-Afterglow Circularly Polarized Phosphorescence via Ball Milling. Advanced Optical Materials, 2021, 9, 2100452.	7.3	15
41	Assembly of Copper Phthalocyanine on TiO ₂ Nanorod Arrays as Co-catalyst for Enhanced Photoelectrochemical Water Splitting. Frontiers in Chemistry, 2019, 7, 334.	3.6	14
42	Homochiral nanotubes from heterochiral lipid mixtures: a shorter alkyl chain dominated chiral self-assembly. Chemical Science, 2019, 10, 3873-3880.	7.4	14
43	Induced chirality of supramolecular assemblies of some amphiphiles with β -cyclodextrin through the interaction at the air/water interface. Journal of Colloid and Interface Science, 2007, 306, 386-390.	9.4	13
44	Preparation of optical active polydiacetylene through gelating and the control of supramolecular chirality. Science China Chemistry, 2010, 53, 432-437.	8.2	13
45	Effect of Solvent and Molecular Structure on the Enhanced Fluorescence and Supramolecular Chirality of Schiff Bases in Organogels. Acta Physico-chimica Sinica, 2008, 24, 1535-1539.	0.6	11
46	Synthesis and Gelation Behavior of Cholesteryl Glycinate Anthraquinone-2-Carboxylamide and Cholesteryl Glycinate 9,10-Dimethyloxyl Anthracene-2-Carboxylamide. Journal of the Chinese Chemical Society, 2006, 53, 359-366.	1.4	10
47	Facile Preparation of Porous WO ₃ Film for Photoelectrochemical Splitting of Natural Seawater. Journal of Electronic Materials, 2017, 46, 6878-6883.	2.2	10
48	Composite of Cobalt ₃ N ₄ on TiO ₂ Nanorod Arrays as Co-catalyst for Enhanced Photoelectrochemical Water Splitting. ChemistrySelect, 2021, 6, 4319-4329.	1.5	9
49	Chiral Perovskite Nanocrystals: Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence (Adv. Mater. 12/2018). Advanced Materials, 2018, 30, 1870081.	21.0	8
50	Construction of 2D Bi ₂ S ₃ /CdS Nanosheet Arrays for Enhanced Photoelectrochemical Hydrogen Evolution. Journal of Electronic Materials, 2019, 48, 6397-6405.	2.2	8
51	Tuning Rheological Behaviors of Supramolecular Aqueous Gels via Charge Transfer Interactions. Langmuir, 2021, 37, 14713-14723.	3.5	5
52	Artificial Skin: Microstructured Graphene Arrays for Highly Sensitive Flexible Tactile Sensors (Small) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	10.0	3
53	Preparation of CdS@TiO ₂ /Ni ₂ P photocatalyst for value-added organic transformation coupling with enhanced hydrogen evolution. Jcis Open, 2021, 4, 100035.	3.2	3
54	One-Step Hydrothermal Synthesis of Sulfur Quantum Dots for Photoelectrochemical Catalysis for Dye Degradation. Journal of Electronic Materials, 2022, 51, 3092-3100.	2.2	3

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55	Efficient and Long-term Photoelectrochemical Hydrogen Liberation from Hydrazine Hydrate on CdS Nanorod Arrays. <i>Journal of Electronic Materials</i> , 0, , 1.	2.2	2
56	Fabrication of Carbon Fiber Embedded Carbon Aerogel via Supramolecular Assembly of Small Molecules in the Precursor Gel. <i>Advanced Materials Research</i> , 2010, 146-147, 1917-1920.	0.3	0
57	C, S & N-Doped TiO ₂ Photocatalyst Prepared by the Reverse-Microemulsion Method. <i>Advanced Materials Research</i> , 0, 148-149, 1007-1010.	0.3	0
58	Bioelectrocatalysis: Graphene Carrier for Magneto-Controllable Bioelectrocatalysis (<i>Small</i> 4/2014). <i>Small</i> , 2014, 10, 646-646.	10.0	0
59	Innentitelbild: A Synergistic Capture Strategy for Enhanced Detection and Elimination of Bacteria (<i>Angew. Chem.</i> 23/2014). <i>Angewandte Chemie</i> , 2014, 126, 5822-5822.	2.0	0
60	A L-glutamic acid based low molecular weight organogel as a vehicle for controlled drug release. <i>Scientia Sinica Chimica</i> , 2011, 41, 1352-1358.	0.4	0