

Xiangqing Li

List of Publications by Year in descending order

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84
papers

1,243
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331670

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434195

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docs citations

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times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel copper-bridged graphitic carbon nitride/porphyrin nanocomposite with dramatically enhanced photocatalytic hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118434.	20.2	71
2	A highly active nano-micro hybrid derived from Cu-bridged TiO ₂ /porphyrin for enhanced photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 1-9.	20.2	64
3	Novel chromium complexes with a [OSSO]-type bis(phenolato) dianionic ligand mediate the alternating ring-opening copolymerization of epoxides and phthalic anhydride. <i>Polymer Chemistry</i> , 2015, 6, 6372-6377.	3.9	56
4	Promoting visible light-driven hydrogen evolution over CdS nanorods using earth-abundant CoP as a cocatalyst. <i>RSC Advances</i> , 2016, 6, 33120-33125.	3.6	56
5	Highly efficient graphene oxide/porphyrin photocatalysts for hydrogen evolution and the interfacial electron transfer. <i>Applied Catalysis B: Environmental</i> , 2016, 187, 67-74.	20.2	53
6	Visible photocatalytic activity and photoelectrochemical behavior of TiO ₂ nanoparticles modified with metal porphyrins containing hydroxyl group. <i>Ceramics International</i> , 2014, 40, 7093-7098.	4.8	41
7	Assembly mechanism and photoproduced electron transfer for a novel cubic Cu ₂ O/tetrakis(4-hydroxyphenyl)porphyrin hybrid with visible photocatalytic activity for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 296-304.	20.2	37
8	Facile assembly of silica gel/reduced graphene oxide/Ag nanoparticle composite with a core-shell structure and its excellent catalytic properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2952.	10.3	34
9	Dramatic enhancement of the photocatalytic activity of Cd _{0.5} Zn _{0.5} S nanosheets via phosphorization calcination for visible-light-driven H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14682-14688.	10.3	32
10	Noble metal-free cuprous oxide/reduced graphene oxide for enhanced photocatalytic hydrogen evolution from water reduction. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11578-11582.	7.1	31
11	Fabrication mechanism and photocatalytic activity for a novel graphene oxide hybrid functionalized with tetrakis-(4-hydroxylphenyl)porphyrin and 1-pyrenesulfonic acid. <i>Applied Surface Science</i> , 2018, 427, 15-23.	6.1	31
12	The influence of combination mode on the structure and properties of porphyrin-graphene oxide composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 45-52.	4.7	30
13	Differences between Zn-porphyrin-coupled titanate nanotubes with various anchoring modes: Thermostability, spectroscopic, photocatalytic and photoelectronic properties. <i>Applied Surface Science</i> , 2011, 257, 5950-5956.	6.1	27
14	Titanate nanotubes co-sensitized with cadmium sulfide nanoparticles and porphyrin zinc: Preparation and enhanced photocatalytic activity under visible light. <i>Catalysis Communications</i> , 2012, 17, 136-139.	3.3	27
15	Catalytic performance of ferroferric oxide/reduced graphene oxide/silver nanoparticle composite microflowers. <i>Carbon</i> , 2014, 80, 716-724.	10.3	27
16	Chromium complexes containing a tetradentate [OSSO]-type bisphenolate ligand as a novel family of catalysts for the copolymerization of carbon dioxide and 4-vinylcyclohexene oxide. <i>RSC Advances</i> , 2016, 6, 22821-22826.	3.6	27
17	Gold nanoparticles/glycine derivatives/graphene quantum dots composite with tunable fluorescence and surface enhanced Raman scattering signals for cellular imaging. <i>Materials and Design</i> , 2017, 123, 32-38.	7.0	26
18	Electrochemical behavior of eugenol on TiO ₂ nanotubes improved with Cu ₂ O clusters. <i>RSC Advances</i> , 2014, 4, 538-543.	3.6	25

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19	Highly sensitive SERS detection and photocatalytic degradation of 4-aminothiophenol by a cost-effective cobalt metal-organic framework-based sandwich-like sheet. <i>Chemical Engineering Journal</i> , 2021, 422, 129970.	12.7	25
20	Reduced graphene oxide/potassium niobate composite nanoscrolls with enhanced photocatalytic activity for dye degradation. <i>Separation and Purification Technology</i> , 2013, 108, 139-142.	7.9	24
21	Cu nanoclusters incorporated mesoporous TiO ₂ nanoparticles: An efficient and stable noble metal-free photocatalyst for light driven H ₂ generation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6461-6473.	7.1	24
22	Enhanced electron transfer and photocatalytic hydrogen production over the carbon nitride/porphyrin nano-hybrid finely bridged by special copper. <i>Catalysis Science and Technology</i> , 2020, 10, 1640-1649.	4.1	23
23	Graphene quantum dots supported by graphene oxide as a sensitive fluorescence nanosensor for cytochrome c detection and intracellular imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6300-6306.	5.8	20
24	Synergetic effect of Cu-Pt bimetallic cocatalyst on SrTiO ₃ for efficient photocatalytic hydrogen production from water. <i>RSC Advances</i> , 2015, 5, 102593-102598.	3.6	19
25	An Ultrasensitive, Disposable, and "Plug and Play" Surface-Enhanced Raman Scattering Substrate for the In Situ Detection of Trace Thiram in Water. <i>ACS Applied Nano Materials</i> , 2018, 1, 4955-4963.	5.0	18
26	ZnO nanorods/sulfophenylporphyrin nanocomposites facily embedded with special copper for improved photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 529, 147200.	6.1	18
27	One-pot synthesis and visible light photocatalytic activity of monodispersed AgIn ₅ S ₈ microspheres. <i>Materials Research Bulletin</i> , 2013, 48, 286-289.	5.2	17
28	The study of a novel cobalt-implanted pyridylporphyrin/graphene oxide nano-hybrid for enhanced photocatalytic hydrogen evolution and its electron transfer mechanism. <i>Nanoscale</i> , 2018, 10, 18635-18641.	5.6	17
29	A stable and plug-and-play aluminium/titanium dioxide/metal-organic framework/silver composite sheet for sensitive Raman detection and photocatalytic removal of 4-aminothiophenol. <i>Chemosphere</i> , 2021, 282, 131000.	8.2	17
30	Enhanced photocatalytic activity and stability of the reduced graphene oxide loaded potassium niobate microspheres for hydrogen production from water reduction. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 12515-12523.	7.1	16
31	Facile preparation of Ti ³⁺ self-doped TiO ₂ nanoparticles and their dramatic visible photocatalytic activity for the fast treatment of highly concentrated Cr(VI) effluent. <i>Catalysis Science and Technology</i> , 2019, 9, 2523-2531.	4.1	16
32	A special zinc metal-organic frameworks-controlled composite nanosensor for highly sensitive and stable SERS detection. <i>Applied Surface Science</i> , 2021, 550, 149302.	6.1	16
33	Fabrication and Properties of Porphyrin Nano- and Micro-particles with Novel Morphology. <i>Nanoscale Research Letters</i> , 2008, 3, 169-78.	5.7	15
34	Noble-Metal-Free Copper Nanoparticles/Reduced Graphene Oxide Composite: A New and Highly Efficient Catalyst for Transformation of 4-Nitrophenol. <i>Catalysis Letters</i> , 2017, 147, 1315-1321.	2.6	15
35	Novel and Highly Active Potassium Niobate-Based Photocatalyst for Dramatically Enhanced Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8591-8598.	6.7	14
36	A low-cost 3D core-shell nanocomposite as ultrasensitive and stable surface enhanced Raman spectroscopy substrate. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128907.	7.8	14

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37	Visible light photocatalytic activity of CuO/Cr2O3 co-loaded multiwalled carbon nanotubes sensitized with eosin Y for hydrogen evolution from water. <i>Ceramics International</i> , 2014, 40, 10171-10176.	4.8	13
38	CuWO4-x nanoparticles incorporated brookite TiO2 porous nanospheres: Preparation and dramatic photocatalytic activity for light driven H2 generation. <i>Materials Research Bulletin</i> , 2021, 136, 111171.	5.2	13
39	An efficient photocatalyst used in a continuous flow system for hydrogen evolution from water: TiO2 nanotube arrays fabricated on Ti meshes. <i>RSC Advances</i> , 2015, 5, 6954-6961.	3.6	12
40	Graphene/Pyridylporphyrin Hybrids Interfacially Linked with Rare Earth Ions for Enhanced Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8358-8366.	6.7	12
41	Modifications of morphology and hydrogen evolution activity for the potassium niobate nanoscrolls by introducing reduced graphene oxide. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 14297-14304.	7.1	11
42	Cubic Cuprous Oxide-Based Nanocomposites for Photocatalytic Hydrogen Generation. <i>ACS Applied Nano Materials</i> , 2019, 2, 7409-7420.	5.0	11
43	Fabrication of antennae-like nanoheterostructure attached by porphyrin for increased photocatalytic hydrogen generation and electron transfer mechanism. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6508-6518.	7.1	9
44	Photoluminescence Properties of Silica Xerogels Co-doped with Eu3+ Ions and CdS Nanoparticles. <i>Journal of Dispersion Science and Technology</i> , 2006, 27, 235-238.	2.4	8
45	Facile preparation and highly efficient photocatalytic hydrogen evolution of novel CuNi nanoalloy/graphene nanohybrids. <i>Sustainable Energy and Fuels</i> , 2017, 1, 548-554.	4.9	7
46	A novel three-dimensional pyridine-pillared graphene assembly for enhanced electron transfer and photocatalytic hydrogen evolution. <i>Catalysis Science and Technology</i> , 2018, 8, 2818-2824.	4.1	7
47	Photocatalytic activity and the electron transport mechanism of titanium dioxide microsphere/porphyrin implanted with small size copper. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13528-13535.	2.8	7
48	Aluminum sheet induced flower-like carbon nitride anchored with silver nanowires for highly efficient SERS detection of trace malachite green. <i>Environmental Research</i> , 2022, 204, 112289.	7.5	7
49	A novel AuNPs-based nanosensors for smart detection of NO with low concentration. <i>Talanta</i> , 2019, 191, 457-460.	5.5	6
50	Synergistic effect between eosin Y and rhodamine B on a photoelectrode coated with Pt nanoparticle-decorated graphene. <i>RSC Advances</i> , 2015, 5, 105969-105979.	3.6	5
51	The strong dependence of the bi-functionalities of core-shell-like gold-based nanocomposites on the size of gold nanoparticles. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11411-11415.	5.5	5
52	A novel cobalt ion implanted pyridylporphyrin/graphene oxide assembly for enhanced photocatalytic hydrogen production. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 877-885.	0.8	5
53	Preparation of an Ni5P4/Ni porous composite using a Ni foam as the skeleton and its application in the treatment of large-volume effluent with a high concentration of 4-nitrophenol at room temperature. <i>New Journal of Chemistry</i> , 2019, 43, 9673-9679.	2.8	5
54	Two dimensional porphyrin-based metal-organic framework constructed on K4Nb6O17 microflowers for highly efficient charge transfer and photocatalytic hydrogen generation. <i>Applied Surface Science</i> , 2022, 599, 153922.	6.1	5

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55	Effect of Hydrothermal on the Crystalline Phase and Morphology of Manganese Oxide Nanocrystals. Journal of Dispersion Science and Technology, 2006, 27, 1223-1225.	2.4	4
56	In-situ Synthesis and Photoluminescence of a Europium Porphyrin Complex Incorporated in the Silica Matrix. Journal of Dispersion Science and Technology, 2007, 28, 1081-1085.	2.4	4
57	Facile assembly of a polystyrene microsphere/graphene oxide/porphyrin composite with core-shell structure. RSC Advances, 2014, 4, 37854-37858.	3.6	4
58	Interactions between quantum dots and dopamine coupled via a peptide bridge. RSC Advances, 2014, 4, 2143-2150.	3.6	4
59	The assembly and photoelectronic property of reduced graphene oxide/porphyrin/phthalocyanine composite films. RSC Advances, 2015, 5, 42063-42068.	3.6	4
60	Dramatically enhanced photocatalytic hydrogen production over pompos-like cadmium molybdate nano-micro hybrids modulated by copper ions. International Journal of Hydrogen Energy, 2019, 44, 8273-8278.	7.1	4
61	Facile assembly and improved photocatalytic activity of a special cuprous oxide/copper fluoride heterojunction induced by graphene oxide. Materials Advances, 2021, 2, 2000-2008.	5.4	4
62	Boosting charge separation and nitrogen vacancies in graphitic carbon nitride by implanted strontium vanadate for highly efficient photocatalytic reduction of hexavalent chromium. RSC Advances, 2021, 11, 16034-16039.	3.6	4
63	Facile construction of carbon nitride/cobalt ion/eosin Y nanohybrids for enhanced interaction and photocatalytic hydrogen production. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126123.	4.7	4
64	Aluminum sheet-induced porous zinc oxide nanosheets decorated with silver nanoparticles for ultrasensitive SERS sensing of crystal violet. Materials Advances, 2022, 3, 2583-2590.	5.4	4
65	Metal organic frameworks mediated silver nanoparticles in the TiO ₂ coated copper sheet for synergetically enhanced surface enhanced Raman scattering and photocatalytic activities. Applied Surface Science, 2022, 585, 152715.	6.1	4
66	Preparation of water-dispersible TiO ₂ nanoparticles. Micro and Nano Letters, 2014, 9, 940-943.	1.3	3
67	Redox heme-proteins mediated fluorescence of CdSe/ZnS quantum dots. Journal of Photochemistry and Photobiology B: Biology, 2014, 133, 65-72.	3.8	3
68	Self-directedly assembled porphyrin thin films with high photoactivity. RSC Advances, 2015, 5, 94046-94052.	3.6	3
69	Facile Preparation of Fe ₃ O ₄ /Carbon Nanocomposite With High Lithium Storage Capacity. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 647-652.	0.6	3
70	A renewable photocatalytic system with dramatic photocatalytic activity for H ₂ evolution and constant light energy utilization: eosin Y sensitized ZnWO ₄ nanoplates loaded with CuO nanoparticles. New Journal of Chemistry, 2021, 45, 17266-17277.	2.8	3
71	Eosin Y Sensitized ZnO Nanograss for Visible-Light-Driven H ₂ Evolution from Water. Catalysis Letters, 2015, 145, 1307-1311.	2.6	2
72	Dramatically Enhanced Photocatalytic Activity of TiO ₂ Composite Microspheres by Loading Special Copper Nanocrystalline. Catalysis Letters, 2020, 150, 1368-1372.	2.6	2

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73	Facile fabrication of a novel SnO ₂ -MoO ₃ heterojunction with enhanced photoelectronic performance. <i>Materials Letters</i> , 2020, 272, 127789.	2.6	2
74	Hydroxylporphyrin/NiO nanosheet nanocomposite with strong interfacial interaction for highly efficient hydrogen generation. <i>Journal of Solid State Chemistry</i> , 2021, 298, 122103.	2.9	2
75	Properties of Porphyrins Assembled on the Surface of MWNTs. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 817-822.	2.4	1
76	Fe/SnO ₂ Composite Sensors Prepared from Oxalate Precursors for the Detection of H ₂ S. <i>Journal of Dispersion Science and Technology</i> , 2009, 31, 124-128.	2.4	1
77	Photoelectrochemical properties of transparent multilayer films via electrostatic alternating assembly of titanate nanotubes and methylpyridinium porphyrin cobalt. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2521-2530.	1.9	1
78	Nickel(II)-ethylenediamine tetraacetic acid sensitized silicon nanowire array: an efficient cocatalyst-free photocatalyst for photocatalytic hydrogen generation under simulated sunlight irradiation. <i>RSC Advances</i> , 2015, 5, 65660-65667.	3.6	1
79	An Efficient Catalyst for Restoration of Large Volume Effluent Containing 4-Nitrophenol at Room Temperature. <i>Nano</i> , 2018, 13, 1850101.	1.0	1
80	Effect of Thermal Sintering and Ultraviolet Irradiating on Photoluminescence of Self-Assembled CdSe Nanoparticulate Films. <i>Journal of Dispersion Science and Technology</i> , 2005, 26, 449-454.	2.4	0
81	Optical and Electronic Properties of Different Kinds of Water-Soluble Porphyrin Films. <i>Journal of Dispersion Science and Technology</i> , 2006, 27, 389-392.	2.4	0
82	Centrally Coordinated Cobalt Porphyrin Monolayers on the Surface of TiO ₂ Nanoparticles. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 617-621.	2.4	0
83	Facile fabrication of a novel pyridinylethyne/titanium dioxide nanotube hybrid with high photoelectronic performance. <i>Materials Letters</i> , 2018, 231, 98-100.	2.6	0
84	Smartly implanted reduced graphene oxide into graphitic carbon nitride and copper species for enhanced photoelectric performance. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108881.	3.9	0