Xueqin Liu

List of Publications by Year
in descending order

39 papers	3,180 citations	185998 28 h-index	301761 39 g-index
39 all docs	39 docs citations	39 times ranked	5277 citing authors

#	Article	IF	Citations
1	K+-Intercalated carbon nitride with electron storage property for high-efficiency visible light driven nitrogen fixation. Chemical Engineering Journal, 2022, 433, 133573.	6.6	19
2	Harvesting the infrared part of solar light to promote charge transfer in Bi2S3/WO3 photoanode for enhanced photoelectrochemical water splitting. Journal of Colloid and Interface Science, 2022, 621, 267-274.	5.0	12
3	Surface oxygen vacancies of TiO₂ nanorods by electron beam irradiation for efficient photoelectrochemical water splitting. CrystEngComm, 2021, 23, 2952-2960.	1.3	6
4	General and Robust Photothermalâ€Heatingâ€Enabled Highâ€Efficiency Photoelectrochemical Water Splitting. Advanced Materials, 2021, 33, e2004406.	11.1	104
5	Spinel-Oxide-Integrated BiVO₄ Photoanodes with Photothermal Effect for Efficient Solar Water Oxidation. ACS Applied Materials & Interfaces, 2021, 13, 48901-48912.	4.0	21
6	Facile synthesis of sulfur-doped polymeric carbon nitride/MoS2 face-to-face heterojunction for highly efficient photocatalytic interfacial charge separation. Chemical Engineering Journal, 2020, 384, 123330.	6.6	57
7	SnO₂ as Advanced Anode of Alkaliâ€Ion Batteries: Inhibiting Sn Coarsening by Crafting Robust Physical Barriers, Void Boundaries, and Heterophase Interfaces for Superior Electrochemical Reaction Reversibility. Advanced Energy Materials, 2020, 10, 1902657.	10.2	71
8	Photothermal effect of carbon quantum dots enhanced photoelectrochemical water splitting of hematite photoanodes. Journal of Materials Chemistry A, 2020, 8, 14915-14920.	5.2	58
9	Photothermal effect-enhanced photoelectrochemical water splitting of a BiVO₄photoanode modified with dual-functional polyaniline. Journal of Materials Chemistry A, 2020, 8, 15976-15983.	5.2	81
10	From polymeric carbon nitride to carbon materials: extended application to electrochemical energy conversion and storage. Nanoscale, 2020, 12, 8636-8646.	2.8	36
11	Promoting Oxygen Evolution Reaction of Coâ€Based Catalysts (Co₃O₄, CoS,) Tj ETQq1 1 0.784314 rgBT /Ov	5.2	68
12	Enabling highly efficient photocatalytic hydrogen generation and organics degradation via a perovskite solar cell-assisted semiconducting nanocomposite photoanode. Journal of Materials Chemistry A, 2019, 7, 165-171.	5.2	33
13	Structure Tuning of Polymeric Carbon Nitride for Solar Energy Conversion: From Nano to Molecular Scale. CheM, 2019, 5, 2775-2813.	5.8	78
14	Hierarchically porous CuO nano-labyrinths as binder-free anodes for long-life and high-rate lithium ion batteries. Nano Energy, 2019, 59, 229-236.	8.2	67
15	A Robust Route to Co₂(OH)₂CO₃ Ultrathin Nanosheets with Superior Lithium Storage Capability Templated by Aspartic Acidâ€Functionalized Graphene Oxide. Advanced Energy Materials, 2019, 9, 1901093.	10.2	94
16	Graphene confined MoS2 particles for accelerated electrocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2019, 44, 8070-8078.	3.8	42
17	Spatial engineering of a Co(OH)_x encapsulated p-Cu₂S/n-BiVO₄ photoanode: simultaneously promoting charge separation and surface reaction kinetics in solar water splitting. Journal of Materials Chemistry A, 2019, 7, 6747-6752.	5.2	43
18	Synergistically enhanced charge separation in BiFeO3/Sn:TiO2 nanorod photoanode via bulk and surface dual modifications. Nano Energy, 2019, 59, 33-40.	8.2	53

#	Article	IF	Citations
19	A green one-pot approach for mesoporous g-C3N4 nanosheets with in situ sodium doping for enhanced photocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2019, 44, 748-756.	3.8	57
20	Tailoring TiO₂ Nanotubeâ€Interlaced Graphite Carbon Nitride Nanosheets for Improving Visibleâ€Lightâ€Driven Photocatalytic Performance. Advanced Science, 2018, 5, 1700844.	5.6	66
21	Carbon Quantum Dot Implanted Graphite Carbon Nitride Nanotubes: Excellent Charge Separation and Enhanced Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2018, 57, 5765-5771.	7.2	372
22	Ordered Single-Crystalline Anatase TiO₂Nanorod Clusters Planted on Graphene for Fast Charge Transfer in Photoelectrochemical Solar Cells. Small, 2017, 13, 1700793.	5.2	19
23	Interconnected Ni(HCO₃)₂ Hollow Spheres Enabled by Self-Sacrificial Templating with Enhanced Lithium Storage Properties. ACS Energy Letters, 2017, 2, 111-116.	8.8	108
24	Solar Cells: Ordered Single-Crystalline Anatase TiO₂ Nanorod Clusters Planted on Graphene for Fast Charge Transfer in Photoelectrochemical Solar Cells (Small 28/2017). Small, 2017, 13, .	5.2	1
25	Recent advances in interfacial engineering of perovskite solar cells. Journal Physics D: Applied Physics, 2017, 50, 373002.	1.3	129
26	Noble metalâ€“metal oxide nanohybrids with tailored nanostructures for efficient solar energy conversion, photocatalysis and environmental remediation. Energy and Environmental Science, 2017, 10, 402-434.	15.6	820
27	Monodisperse Dualâ€Functional Upconversion Nanoparticles Enabled Nearâ€Infrared Organolead Halide Perovskite Solar Cells. Angewandte Chemie, 2016, 128, 4352-4356.	1.6	71
28	Monodisperse Dualâ€Functional Upconversion Nanoparticles Enabled Nearâ€Infrared Organolead Halide Perovskite Solar Cells. Angewandte Chemie - International Edition, 2016, 55, 4280-4284.	7.2	257
29	Facile synthesis of coreâ€“shell CuO/Ag nanowires with enhanced photocatalytic and enhancement in photocurrent. Journal of Colloid and Interface Science, 2014, 419, 9-16.	5.0	38
30	Controllable synthesis of Agâ€“CuO composite nanosheets with enhanced photocatalytic property. Materials Letters, 2014, 120, 16-19.	1.3	41
31	Zinc Oxide nanorod/Au composite arrays and their enhanced photocatalytic properties. Journal of Colloid and Interface Science, 2014, 432, 170-175.	5.0	30
32	Surface-enhanced Raman scattering and photocurrent multiplication phenomenon of ZnO/Ag nanoarrays. Materials Letters, 2013, 94, 19-22.	1.3	17
33	Fabrication and photocatalytic property of CuO nanosheets via a facile solution route. Crystal Research and Technology, 2012, 47, 1140-1147.	0.6	36
34	Controllable synthesis and characterization of Ag@AgBr coreâ€“shell nanowires. Materials Research Bulletin, 2012, 47, 1285-1288.	2.7	8
35	CuO nanowires prepared via a facile solution route and their photocatalytic property. Materials Letters, 2012, 72, 49-52.	1.3	82
36	Preparation of CuO/C core-shell nanowires and its application in lithium ion batteries. Materials Letters, 2012, 80, 37-39.	1.3	30

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37	Conversion from ZnO nanospindles into ZnO/ZnS core/shell composites and ZnS microspindles. Crystal Research and Technology, 2009, 44, 402-408.	0.6	17
38	Sonochemical synthesis and characterization of ZnO nanorod/Ag nanoparticle composites. Crystal Research and Technology, 2009, 44, 1249-1254.	0.6	16
39	Facile synthesis and characterization of hierarchical CuO nanoarchitectures by a simple solution route. Crystal Research and Technology, 2009, 44, 1277-1283.	0.6	22