Changli Li

List of Publications by Year
in descending order

40 papers	2,860 citations	279487 23 h-index	329751 37 g-index
40 all docs	40 docs citations	40 times ranked	4843 citing authors

#	Article	IF	Citations
1	Tuning the Selectivity of Liquid Products of CO₂RR by Cuâ€“Ag Alloying. ACS Applied Materials & Interfaces, 2022, 14, 11567-11574.	4.0	44
2	Strategies To Construct n-Type Si-Based Heterojunctions for Photoelectrochemical Water Oxidation. , 2022, 4, 779-804.		10
3	Design of pre-catalysts for heterogeneous CO₂ electrochemical reduction. Journal of Materials Chemistry A, 2021, 9, 19508-19533.	5.2	24
4	Electrolyzer and Catalysts Design from Carbon Dioxide to Carbon Monoxide Electrochemical Reduction. Electrochemical Energy Reviews, 2021, 4, 680-717.	13.1	26
5	Effect of triazene polymer film on the Ag micro-stripe prepared by LIIFT technology. , 2021, , .		0
6	Photoelectrochemical water oxidation performance promoted by a cupric oxide-hematite heterojunction photoanode. International Journal of Hydrogen Energy, 2020, 45, 33102-33110.	3.8	7
7	Band structure engineering and defect control of Ta3N5 for efficient photoelectrochemical water oxidation. Nature Catalysis, 2020, 3, 932-940.	16.1	211
8	Earth-abundant Cu-based metal oxide photocathodes for photoelectrochemical water splitting. Energy and Environmental Science, 2020, 13, 3269-3306.	15.6	141
9	Fe-Based Electrocatalysts for Oxygen Evolution Reaction: Progress and Perspectives. ACS Catalysis, 2020, 10, 4019-4047.	5.5	379
10	A High Precision Time Grating Displacement Sensor Based on Temporal and Spatial Modulation of Light-Field. Sensors, 2020, 20, 921.	2.1	7
11	Tailored NiFe Catalyst on Silicon Photoanode for Efficient Photoelectrochemical Water Oxidation. Journal of Physical Chemistry C, 2020, 124, 2844-2850.	1.5	19
12	Large area high-performance bismuth vanadate photoanode for efficient solar water splitting. Journal of Materials Chemistry A, 2020, 8, 3845-3850.	5.2	30
13	Highly Efficient NiFe Nanoparticle Decorated Si Photoanode for Photoelectrochemical Water Oxidation. Chemistry of Materials, 2019, 31, 171-178.	3.2	34
14	Efficient photoelectrochemical water oxidation enabled by an amorphous metal oxide-catalyzed graphene/silicon heterojunction photoanode. Sustainable Energy and Fuels, 2018, 2, 663-672.	2.5	25
15	Insights into the efficiency and stability of Cu-based nanowires for electrocatalytic oxygen evolution. Nano Research, 2018, 11, 4323-4332.	5.8	44
16	Twin Structure in BiVO₄ Photoanodes Boosting Water Oxidation Performance through Enhanced Charge Separation and Transport. Advanced Energy Materials, 2018, 8, 1802198.	10.2	61
17	Engineering graphene and TMDs based van der Waals heterostructures for photovoltaic and photoelectrochemical solar energy conversion. Chemical Society Reviews, 2018, 47, 4981-5037.	18.7	344
18	Oxygen-vacancy-induced photoelectrochemical water oxidation by platelike tungsten oxide photoanodes prepared under acid-mediated hydrothermal treatment conditions. RSC Advances, 2017, 7, 26992-27000.	1.7	32

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19	Fabrication of high quality perovskite films by modulating the Pbâ€“O bonds in Lewis acidâ€“base adducts. Journal of Materials Chemistry A, 2017, 5, 8416-8422.	5.2	73
20	Rapid Liquid Recognition and Quality Inspection with Graphene Test Papers. Global Challenges, 2017, 1, 1700037.	1.8	15
21	Scalable Low-Band-Gap Sb₂Se₃ Thin-Film Photocathodes for Efficient Visibleâ€“Near-Infrared Solar Hydrogen Evolution. ACS Nano, 2017, 11, 12753-12763.	7.3	127
22	Fullâ€Inorganic Thin Film Solar Cell and Photodetector Based on â€œGrapheneâ€onâ€Antimony Sulfideâ€• Heterostructure. Solar Rrl, 2017, 1, 1700135.	3.1	20
23	The physics and chemistry of graphene-on-surfaces. Chemical Society Reviews, 2017, 46, 4417-4449.	18.7	309
24	Sponge-like nickel phosphideâ€“carbon nanotube hybrid electrodes for efficient hydrogen evolution over a wide pH range. Nano Research, 2017, 10, 415-425.	5.8	73
25	Fullâ€Inorganic Thin Film Solar Cell and Photodetector Based on â€œGrapheneâ€onâ€Antimony Sulfideâ€• Heterostructure (Solar RRL 12â•2017). Solar Rrl, 2017, 1, 1770146.	3.1	1
26	Simultaneous enhancement of photovoltage and charge transfer in Cu2O-based photocathode using buffer and protective layers. Applied Physics Letters, 2016, 109, .	1.5	33
27	Solution-processed CuSbS2 thin film: A promising earth-abundant photocathode for efficient visible-light-driven hydrogen evolution. Nano Energy, 2016, 28, 135-142.	8.2	70
28	Enhanced performance of perovskite solar cells by modulating the Lewis acidâ€“base reaction. Nanoscale, 2016, 8, 19804-19810.	2.8	62
29	Nanoporous CuO layer modified Cu electrode for high performance enzymatic and non-enzymatic glucose sensing. Nanotechnology, 2015, 26, 015503.	1.3	32
30	Positive onset potential and stability of Cu₂O-based photocathodes in water splitting by atomic layer deposition of a Ga₂O₃buffer layer. Energy and Environmental Science, 2015, 8, 1493-1500.	15.6	196
31	CuO nanowire/microflower/nanowire modified Cu electrode with enhanced electrochemical performance for non-enzymatic glucose sensing. Nanotechnology, 2015, 26, 305503.	1.3	50
32	Plasma-Induced Oxygen Vacancies in Ultrathin Hematite Nanoflakes Promoting Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 22355-22363.	4.0	162
33	A Novel Method to Synthesize Highly Photoactive Cu₂O Microcrystalline Films for Use in Photoelectrochemical Cells. ACS Applied Materials & Interfaces, 2014, 6, 480-486.	4.0	107
34	Self-Assembly of Three-Dimensional SrTiO₃ Microscale Superstructures and Their Photonic Effect. Inorganic Chemistry, 2013, 52, 2581-2587.	1.9	15
35	Template-based sputtering method for vertically aligned Tin nanotube arrays: From fabrication to superconductivity. Thin Solid Films, 2013, 542, 14-20.	0.8	3
36	Prediction of flooding velocity in packed towers using least squares support vector machine. , 2012, , .		1

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37	Facile synthesis of superhydrophobic surface of ZnO nanoflakes: chemical coating and UV-induced wettability conversion. Nanoscale Research Letters, 2012, 7, 216.	3.1	35
38	Fabrication and centeracterization of ordered CuIn(1â^'x)Ga x Se2 nanopore films via template-based electrodeposition. Nanoscale Research Letters, 2012, 7, 675.	3.1	15
39	Size control of CuInSe2 nanotube arrays via nanochannel-confined galvanic displacement. Journal of Materials Chemistry, 2011, 21, 17091.	6.7	8
40	Fabrication and ultraviolet photoresponse characteristics of ordered SnO x (x â‰ˆ 0.87, 1.45, 2) nanopore films. Nanoscale Research Letters, 2011, 6, 615.	3.1	15