

Yang Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4821017/publications.pdf>

Version: 2024-02-01

23
papers

754
citations

430874

18
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced three-component ZnO/Ag/CdS nanocomposite photoanode for photocatalytic water splitting. <i>Journal of Power Sources</i> , 2014, 269, 466-472.	7.8	82
2	Engineering of 2D/3D architectures type II heterojunction with high-crystalline g-C ₃ N ₄ nanosheets on yolk-shell ZnFe ₂ O ₄ for enhanced photocatalytic tetracycline degradation. <i>Materials Research Bulletin</i> , 2022, 150, 111789.	5.2	72
3	Enhancing the activity of a SiC@TiO ₂ composite catalyst for photo-stimulated catalytic water splitting. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3898-3904.	7.1	58
4	PdS-modified CdS/NiS composite as an efficient photocatalyst for H ₂ evolution in visible light. <i>Catalysis Today</i> , 2014, 225, 136-141.	4.4	57
5	Cobalt sulfide quantum dots modified TiO ₂ nanoparticles for efficient photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15387-15393.	7.1	53
6	A hydrophobic polymer stabilized p-Cu ₂ O nanocrystal photocathode for highly efficient solar water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15593-15598.	10.3	45
7	Efficient photocatalytic hydrogen production from water over CuO and carbon fiber comodified TiO ₂ nanocomposite photocatalyst. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 16649-16655.	7.1	44
8	Improved photoelectrochemical property of a nanocomposite NiO/CdS@ZnO photoanode for water splitting. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 40-46.	6.2	42
9	Templating Sol-Gel Hematite Films with Sacrificial Copper Oxide: Enhancing Photoanode Performance with Nanostructure and Oxygen Vacancies. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16999-17007.	8.0	41
10	Preparation Strategies of p-Type Cuprous Oxide and Its Solar Energy Conversion Performance. <i>Energy & Fuels</i> , 2021, 35, 17334-17352.	5.1	31
11	A New Concept and Strategy for Photovoltaic and Thermoelectric Power Generation Based on Anisotropic Crystal Facet Unit. <i>Advanced Functional Materials</i> , 2020, 30, 2002606.	14.9	26
12	Flexible cupric oxide photocathode with enhanced stability for renewable hydrogen energy production from solar water splitting. <i>RSC Advances</i> , 2019, 9, 8350-8354.	3.6	25
13	Facet-selective charge carrier transport, deactivation mechanism and stabilization of a Cu ₂ O photo-electro-catalyst. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7023-7026.	2.8	23
14	Facile fire treatment of nanostructured hematite with an enhanced photoelectrochemical water splitting performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14974-14977.	10.3	21
15	Photocatalytic overall water splitting under visible light over an In _{0.8} Ni _{0.2} Ta _{0.8} O ₄ N solid solution without an additional cocatalyst. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 731-735.	7.1	20
16	Thermal conversion synthesis of Cu ₂ O photocathode and the promoting effects of carbon coating. <i>Catalysis Communications</i> , 2015, 66, 1-5.	3.3	20
17	Enhancing the photoelectrochemical water splitting activity of rutile nanorods by removal of surface hydroxyl groups. <i>Catalysis Today</i> , 2016, 259, 360-367.	4.4	19
18	Cuprous oxide single-crystal film assisted highly efficient solar hydrogen production on large ships for long-term energy storage and zero-emission power generation. <i>Journal of Power Sources</i> , 2022, 527, 231133.	7.8	19

#	ARTICLE	IF	CITATIONS
19	Ni-doped InN/GaNON composite catalyst for overall water splitting under visible light irradiation. International Journal of Hydrogen Energy, 2015, 40, 15448-15453.	7.1	16
20	Performance improvement of a p-Cu ₂ O nanocrystal photocathode with an ultra-thin silver protective layer. Chemical Communications, 2019, 55, 9963-9966.	4.1	15
21	Efficient photocathode performance of lithium ion doped LaFeO ₃ nanorod arrays in hydrogen evolution. New Journal of Chemistry, 2021, 45, 3463-3468.	2.8	12
22	In-depth investigation of an In ³⁺ Ni ²⁺ Ta ⁵⁺ O ₄ N photocatalyst for overall water splitting under sunlight. Journal of Catalysis, 2014, 320, 208-214.	6.2	9
23	A nanostructured hematite film prepared by a facile "top down" method for application in photoelectrochemistry. Dalton Transactions, 2016, 45, 16221-16230.	3.3	4