

Zhi-An Lan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

5,011
citations

304368

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5130
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#	ARTICLE	IF	CITATIONS
1	Ionothermal Synthesis of Covalent Triazine Frameworks in a NaClâ€‘KClâ€‘ZnCl ₂ Eutectic Salt for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	67
2	Ionothermal Synthesis of Covalent Triazine Frameworks in a NaClâ€‘KClâ€‘ZnCl ₂ Eutectic Salt for the Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
3	Molecular Design of Covalent Triazine Frameworks with Anisotropic Charge Migration for Photocatalytic Hydrogen Production. <i>Small</i> , 2022, 18, e2200129.	5.2	33
4	Organic dyes with multi-branched structures for highly efficient photocatalytic hydrogen evolution under visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2022, 309, 121257.	10.8	11
5	A Fully Coplanar Donorâ€‘Acceptor Polymeric Semiconductor with Promoted Charge Separation Kinetics for Photochemistry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16355-16359.	7.2	94
6	A Fully Coplanar Donorâ€‘Acceptor Polymeric Semiconductor with Promoted Charge Separation Kinetics for Photochemistry. <i>Angewandte Chemie</i> , 2021, 133, 16491-16495.	1.6	6
7	Reducing the Exciton Binding Energy of Donorâ€‘Acceptorâ€‘Based Conjugated Polymers to Promote Chargeâ€‘Induced Reactions. <i>Angewandte Chemie</i> , 2019, 131, 10342-10346.	1.6	32
8	Thermal annealing-induced structural reorganization in polymeric photocatalysts for enhanced hydrogen evolution. <i>Chemical Communications</i> , 2019, 55, 7756-7759.	2.2	29
9	Reducing the Exciton Binding Energy of Donorâ€‘Acceptorâ€‘Based Conjugated Polymers to Promote Chargeâ€‘Induced Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10236-10240.	7.2	278
10	2D sp ² Carbon-Conjugated Covalent Organic Frameworks for Photocatalytic Hydrogen Production from Water. <i>CheM</i> , 2019, 5, 1632-1647.	5.8	408
11	Enhancement of photocatalytic H ₂ evolution on pyrene-based polymer promoted by MoS ₂ and visible light. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 102-111.	10.8	55
12	Conjugated donor-acceptor polymer photocatalysts with electron-output â€‘tentaclesâ€‘ for efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 596-603.	10.8	187
13	Photocatalytic Oxygen Evolution from Functional Triazineâ€‘Based Polymers with Tunable Band Structures. <i>Angewandte Chemie</i> , 2018, 130, 479-483.	1.6	75
14	Photocatalytic Oxygen Evolution from Functional Triazineâ€‘Based Polymers with Tunable Band Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 470-474.	7.2	278
15	Optimizing Optical Absorption, Exciton Dissociation, and Charge Transfer of a Polymeric Carbon Nitride with Ultrahigh Solar Hydrogen Production Activity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13445-13449.	7.2	536
16	Optimizing Optical Absorption, Exciton Dissociation, and Charge Transfer of a Polymeric Carbon Nitride with Ultrahigh Solar Hydrogen Production Activity. <i>Angewandte Chemie</i> , 2017, 129, 13630-13634.	1.6	135
17	Surface engineering of graphitic carbon nitride polymers with cocatalysts for photocatalytic overall water splitting. <i>Chemical Science</i> , 2017, 8, 5261-5274.	3.7	299
18	Substantial Cyanoâ€‘Substituted Fully sp ² Carbonâ€‘Linked Framework: Metalâ€‘Free Approach and Visibleâ€‘Lightâ€‘Driven Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2017, 27, 1703146.	7.8	138

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19	A Dinuclear Cobalt Cryptate as a Photocatalyst for Highly Efficient Visible-Light Driven CO ₂ Reduction. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2017, 33, 457-457.	2.2	3
20	A facile synthesis of Br-modified g-C ₃ N ₄ semiconductors for photoredox water splitting. Applied Catalysis B: Environmental, 2016, 192, 116-125.	10.8	460
21	Konjugierte Polymere: Katalysatoren für die photokatalytische Wasserstoffentwicklung. Angewandte Chemie, 2016, 128, 15940-15956.	1.6	110
22	Conjugated Polymers: Catalysts for Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 15712-15727.	7.2	703
23	Overall water splitting by Pt/g-C ₃ N ₄ photocatalysts without using sacrificial agents. Chemical Science, 2016, 7, 3062-3066.	3.7	835
24	Ultrafine Cobalt Catalysts on Covalent Carbon Nitride Frameworks for Oxygenic Photosynthesis. ACS Applied Materials & Interfaces, 2016, 8, 2287-2296.	4.0	103
25	Cobalt selenide: a versatile cocatalyst for photocatalytic water oxidation with visible light. Journal of Materials Chemistry A, 2015, 3, 17946-17950.	5.2	96
26	Merging Surface Organometallic Chemistry with Graphitic Carbon Nitride Photocatalysis for CO ₂ Photofixation. ChemCatChem, 2015, 7, 1422-1423.	1.8	33