

Sha-Sha Yi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8458393/publications.pdf>

Version: 2024-02-01

41
papers

2,829
citations

236833

25
h-index

276775

41
g-index

41
all docs

41
docs citations

41
times ranked

3640
citing authors

#	ARTICLE	IF	CITATIONS
1	TiO ₂ -carbon porous nanostructures for immobilization and conversion of polysulfides. Chinese Chemical Letters, 2023, 34, 107229.	4.8	7
2	Recent Development in Defects Engineered Photocatalysts: An Overview of the Experimental and Theoretical Strategies. Energy and Environmental Materials, 2022, 5, 68-114.	7.3	81
3	Enhanced triethylamine-sensing properties of hierarchical molybdenum trioxide nanostructures derived by oxidizing molybdenum disulfide nanosheets. Journal of Colloid and Interface Science, 2022, 605, 624-636.	5.0	25
4	In-situ growth of ruthenium-based nanostructure on carbon cloth for superior electrocatalytic activity towards HER and OER. Applied Catalysis B: Environmental, 2022, 317, 121729.	10.8	77
5	Coupling effects of indium oxide layer on hematite enabling efficient photoelectrochemical water splitting. Applied Catalysis B: Environmental, 2021, 283, 119649.	10.8	57
6	Design of charge transfer channels: defective TiO ₂ /MoP supported on carbon cloth for solar-light-driven hydrogen generation. Inorganic Chemistry Frontiers, 2021, 8, 2017-2026.	3.0	6
7	Valence State Control of Manganese in MgAl ₂ O ₄ :Mn ⁴⁺ Phosphor by Varying the Al ₂ O ₃ Crystal Form. Wujì Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 513.	0.6	4
8	One-Pot Synthesis of Fe-N-C Species-Modified Carbon Nanotubes for ORR Electrocatalyst with Overall Enhanced Performance Superior to Pt/C. Nano, 2021, 16, 2150028.	0.5	5
9	Synergetic integration of passivation layer and oxygen vacancy on hematite nanoarrays for boosted photoelectrochemical water oxidation. Applied Catalysis B: Environmental, 2021, 284, 119760.	10.8	40
10	Linear-PEI-Derived Hierarchical Porous Carbon Nanonet Flakes Decorated with MoS ₂ as Efficient Polysulfides Stabilization Interlayers for Lithium-Sulfur Battery. Energy & Fuels, 2021, 35, 10303-10314.	2.5	11
11	Microwave-assisted synthesis of hierarchically porous Co ₃ O ₄ /rGO nanocomposite for low-temperature acetone detection. Journal of Colloid and Interface Science, 2021, 594, 690-701.	5.0	31
12	Integrating RuNi alloy in S-doped defective carbon for efficient hydrogen evolution in both acidic and alkaline media. Chemical Engineering Journal, 2021, 417, 129319.	6.6	42
13	Comparative insight into effect of hybridizing potassium and hydrogen ions on photocatalytic Reduction/Oxidation behavior of g-C ₃ N ₄ nanocrystals. Chemical Engineering Journal, 2021, 417, 129187.	6.6	27
14	In-situ constructing S-scheme/Schottky junction and oxygen vacancy on SrTiO ₃ to steer charge transfer for boosted photocatalytic H ₂ evolution. Chemical Engineering Journal, 2021, 417, 129231.	6.6	58
15	Intrinsic-structural-modulated carbon cloth as efficient electrocatalyst for water oxidation. Applied Catalysis B: Environmental, 2021, 292, 120152.	10.8	23
16	High temperature induced S vacancies in natural molybdenite for robust electrocatalytic nitrogen reduction. Journal of Colloid and Interface Science, 2021, 599, 849-856.	5.0	16
17	In-situ coating of multifunctional FeCo-bimetal organic framework nanolayers on hematite photoanode for superior oxygen evolution. Applied Catalysis B: Environmental, 2021, 297, 120406.	10.8	41
18	Precursor-Engineering Coupled Microwave Molten-Salt Strategy Enhances Photocatalytic Hydrogen Evolution Performance of g-C ₃ N ₄ Nanostructures. ChemSusChem, 2020, 13, 827-837.	3.6	54

#	ARTICLE	IF	CITATIONS
19	Hydrogen-etched Bifunctional Sulfur-defect-rich ReS_2 /CC Electrocatalyst for Highly Efficient HER and OER. <i>Small</i> , 2020, 16, e2003007.	5.2	64
20	Microsized Red Luminescent MgAl_2O_4 : Mn^{4+} Single-Crystal Phosphor Grown in Molten Salt for White LEDs. <i>Inorganic Chemistry</i> , 2020, 59, 18374-18383.	1.9	19
21	Bio-inspired SiO_2 -hard-template reconstructed g-C $_3$ N $_4$ nanosheets for enhanced photocatalytic hydrogen evolution. <i>Catalysis Science and Technology</i> , 2020, 10, 4655-4662.	2.1	13
22	Supporting bimetallic sulfide on 3D TiO_2 hollow shells to boost photocatalytic activity. <i>Chemical Engineering Journal</i> , 2020, 390, 124602.	6.6	18
23	2D/1D V_2O_5 Nanoplates Anchored Carbon Nanofibers as Efficient Separator Interlayer for Highly Stable Lithium-sulfur Battery. <i>Nanomaterials</i> , 2020, 10, 705.	1.9	20
24	Advances in Valence State Analysis of Manganese in Mn^{4+} -activated Red Phosphors for White LEDs. <i>Chinese Journal of Luminescence</i> , 2020, 41, 1195-1213.	0.2	4
25	Oxygen vacancy engineered SrTiO_3 nanofibers for enhanced photocatalytic H_2 production. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17974-17980.	5.2	88
26	Linear-Polyethyleneimine-Templated Synthesis of N-Doped Carbon Nanonet Flakes for High-performance Supercapacitor Electrodes. <i>Nanomaterials</i> , 2019, 9, 1225.	1.9	11
27	Highly Efficient Photoelectrochemical Water Splitting: Surface Modification of Cobalt-Phosphate-loaded $\text{Co}_3\text{O}_4/\text{Fe}_2\text{O}_3$ p-n Heterojunction Nanorod Arrays. <i>Advanced Functional Materials</i> , 2019, 29, 1801902.	7.8	220
28	Steering charge kinetics in $\text{W}_2\text{C}/\text{TiO}_2$ heterojunction architecture: Efficient solar-light-driven hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117760.	10.8	25
29	Amorphizing of Cu Nanoparticles toward Highly Efficient and Robust Electrocatalyst for CO_2 Reduction to Liquid Fuels with High Faradaic Efficiencies. <i>Advanced Materials</i> , 2018, 30, e1706194.	11.1	242
30	Well-controlled SrTiO_3 @ Mo_2C core-shell nanofiber photocatalyst: Boosted photo-generated charge carriers transportation and enhanced catalytic performance for water reduction. <i>Nano Energy</i> , 2018, 47, 463-473.	8.2	189
31	Anchoring and Upgrading Ultrafine NiPd on Room-temperature-synthesized Bifunctional NH_2 -rGO toward Low-cost and Highly Efficient Catalysts for Selective Formic Acid Dehydrogenation. <i>Advanced Materials</i> , 2018, 30, e1703038.	11.1	156
32	Carbon quantum dot sensitized integrated Fe_2O_3 @ $\text{g-C}_3\text{N}_4$ core-shell nanoarray photoanode towards highly efficient water oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9839-9845.	5.2	110
33	Amorphous nickel pyrophosphate modified graphitic carbon nitride: an efficient photocatalyst for hydrogen generation from water splitting. <i>Applied Catalysis B: Environmental</i> , 2018, 231, 43-50.	10.8	75
34	Non-noble metals applied to solar water splitting. <i>Energy and Environmental Science</i> , 2018, 11, 3128-3156.	15.6	134
35	Non-noble-metal bismuth nanoparticle-decorated bismuth vanadate nanoarray photoanode for efficient water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1799-1804.	3.2	13
36	Cobalt Phosphide Modified Titanium Oxide Nanophotocatalysts with Significantly Enhanced Photocatalytic Hydrogen Evolution from Water Splitting. <i>Small</i> , 2017, 13, 1603301.	5.2	132

#	ARTICLE	IF	CITATIONS
37	A novel architecture of dandelion-like Mo ₂ C/TiO ₂ heterojunction photocatalysts towards high-performance photocatalytic hydrogen production from water splitting. Journal of Materials Chemistry A, 2017, 5, 10591-10598.	5.2	113
38	Efficient visible-light-driven hydrogen generation from water splitting catalyzed by highly stable CdS@Mo ₂ C core-shell nanorods. Journal of Materials Chemistry A, 2017, 5, 15862-15868.	5.2	67
39	Noble-metal-free cobalt phosphide modified carbon nitride: An efficient photocatalyst for hydrogen generation. Applied Catalysis B: Environmental, 2017, 200, 477-483.	10.8	364
40	A novel and highly efficient earth-abundant Cu ₃ P with TiO ₂ heterojunction nanophotocatalyst for hydrogen evolution from water. Nanoscale, 2016, 8, 17516-17523.	2.8	110
41	Effect of Photogenerated Charge Transfer on the Photocatalysis in High-Performance Hybrid Pt-Co:ZnO Nanostructure Photocatalyst. ACS Applied Materials & Interfaces, 2013, 5, 4017-4020.	4.0	37