

Yueping Fang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

2,978

citations

25

h-index

54

g-index

60

ext. papers

3,692

ext. citations

9.4

avg, IF

5.64

L-index

#	Paper	IF	Citations
58	Engineering heterogeneous semiconductors for solar water splitting. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2485-2534	13	1271
57	Enhanced photocatalytic H ₂ evolution over noble-metal-free NiS cocatalyst modified CdS nanorods/g-C ₃ N ₄ heterojunctions. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 18244-18255	13	265
56	Earth-abundant WC nanoparticles as an active noble-metal-free co-catalyst for the highly boosted photocatalytic H ₂ production over g-C ₃ N ₄ nanosheets under visible light. <i>Catalysis Science and Technology</i> , 2017 , 7, 1193-1202	5.5	92
55	Efficient visible-light photocatalytic H ₂ evolution over metal-free g-C ₃ N ₄ co-modified with robust acetylene black and Ni(OH) ₂ as dual co-catalysts. <i>RSC Advances</i> , 2016 , 6, 31497-31506	3.7	85
54	Metal-free carbon nanotube@SiC nanowire heterostructures with enhanced photocatalytic H ₂ evolution under visible light irradiation. <i>Catalysis Science and Technology</i> , 2015 , 5, 2798-2806	5.5	67
53	Ultra-thin SiC layer covered graphene nanosheets as advanced photocatalysts for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 10999-11005	13	65
52	3D Porous Silicon/N-Doped Carbon Composite Derived from Bamboo Charcoal as High-Performance Anode Material for Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9930-9939	8.3	63
51	CdS@Ni ₃ S ₂ core-shell nanorod arrays on nickel foam: a multifunctional catalyst for efficient electrochemical catalytic, photoelectrochemical and photocatalytic H ₂ production reaction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2560-2574	13	56
50	Photodeposited Construction of Pt-CdS/g-CN-MnO Composite Photocatalyst for Efficient Visible-Light-Driven Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20579-20588	9.5	55
49	Application of carbon fibers to flexible, miniaturized wire/fiber-shaped energy conversion and storage devices. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 2444-2459	13	51
48	Bifunctional CdS@Co ₉ S ₈ /Ni ₃ S ₂ catalyst for efficient electrocatalytic and photo-assisted electrocatalytic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3083-3096	13	43
47	Hierarchical Fe ₂ O ₃ @CNF fabric decorated with MoS ₂ nanosheets as a robust anode for flexible lithium-ion batteries exhibiting ultrahigh areal capacity. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 16890-16899	13	41
46	Simultaneous Encapsulation of Nano-Si in Redox Assembled rGO Film as Binder-Free Anode for Flexible/Bendable Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3897-3908	9.5	41
45	Carbon-coated Cu-TiO ₂ nanocomposite with enhanced photostability and photocatalytic activity. <i>Applied Surface Science</i> , 2019 , 466, 254-261	6.7	40
44	Ultradispersed and Single-Layered MoS Nanoflakes Strongly Coupled with Graphene: An Optimized Structure with High Kinetics for the Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 39380-39390	9.5	37
43	Improving the Efficiency of Quantum Dot Sensitized Solar Cells beyond 15% via Secondary Deposition. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4790-4800	16.4	37
42	Strong adsorption of tetracycline hydrochloride on magnetic carbon-coated cobalt oxide nanoparticles. <i>Chemosphere</i> , 2020 , 239, 124831	8.4	37

41	FeNi intermetallic compound nanoparticles wrapped with N-doped graphitized carbon: a novel cocatalyst for boosting photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3481-3490	13	35
40	Modification of Energy Level Alignment for Boosting Carbon-Based CsPbI ₂ Br Solar Cells with 14% Certified Efficiency. <i>Advanced Functional Materials</i> , 2021 , 31, 2011187	15.6	34
39	Facile synthesis of anatase/rutile TiO ₂ /g-C ₃ N ₄ multi-heterostructure for efficient photocatalytic overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 17378-17387	6.7	33
38	Modified Graphitic Carbon Nitride Nanosheets for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2019 , 12, 4996-5006	8.3	33
37	An amorphous trimetallic (NiCoFe) hydroxide-sheathed 3D bifunctional electrode for superior oxygen evolution and high-performance cable-type flexible zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5601-5611	13	32
36	Design and preparation of CdS/H-3D-TiO ₂ /Pt-wire photocatalysis system with enhanced visible-light driven H ₂ evolution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 928-937	6.7	32
35	Enhancing Adsorption and Reaction Kinetics of Polysulfides Using CoP-Coated N-Doped Mesoporous Carbon for High-Energy-Density Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43844-43853	9.5	31
34	Visible light photoelectrochemical sulfide sensor based the use of TiO ₂ nanotube arrays loaded with Cu ₂ O. <i>Mikrochimica Acta</i> , 2017 , 184, 4065-4072	5.8	27
33	CdS branched TiO ₂ : Rods-on-rods nanoarrays for efficient photoelectrochemical (PEC) and self-bias photocatalytic (PC) hydrogen production. <i>Journal of Power Sources</i> , 2019 , 430, 32-42	8.9	25
32	Antioxidative Stannous Oxalate Derived Lead-Free Stable CsSnX (X=Cl, Br, and I) Perovskite Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 660-665	16.4	25
31	Heterostructured CoO/3D-TiO ₂ nanorod arrays for photoelectrochemical water splitting hydrogen production. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 455-461	2.6	23
30	Rational Design and Controllable Synthesis of Multishelled FeO@SnO@C Nanotubes as Advanced Anode Material for Lithium-/Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36949-36959	9.5	22
29	Magnetic Fe ₃ C@C nanoparticles as a novel cocatalyst for boosting visible-light-driven photocatalytic performance of g-C ₃ N ₄ . <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 26970-26981	6.7	22
28	Electrospray synthesis of nano-Si encapsulated in graphite/carbon microplates as robust anodes for high performance lithium-ion batteries. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 679-687	5.8	21
27	Boosting photocatalytic hydrogen evolution using a noble-metal-free co-catalyst: CuNi@C with oxygen-containing functional groups. <i>Applied Catalysis B: Environmental</i> , 2021 , 291, 120139	21.8	21
26	Dual-Confined SiO Embedded in TiO ₂ Shell and 3D Carbon Nanofiber Web as Stable Anode Material for Superior Lithium Storage. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1801800	4.6	20
25	FeCo alloy@N-doped graphitized carbon as an efficient cocatalyst for enhanced photocatalytic H ₂ evolution by inducing accelerated charge transfer. <i>Journal of Energy Chemistry</i> , 2021 , 52, 92-101	12	20
24	Bio-inspired multilayered graphene-directed assembly of monolithic photo-membrane for full-visible light response and efficient charge separation. <i>Applied Catalysis B: Environmental</i> , 2020 , 263, 117587	21.8	19

23	Carbon nanotube@silicon carbide coaxial heterojunction nanotubes as metal-free photocatalysts for enhanced hydrogen evolution. <i>Chinese Journal of Catalysis</i> , 2020 , 41, 62-71	11.3	18
22	CdS@Ni ₃ S ₂ for efficient and stable photo-assisted electrochemical (P-EC) overall water splitting. <i>Chemical Engineering Journal</i> , 2021 , 405, 126231	14.7	18
21	Perovskite-Compatible Carbon Electrode Improving the Efficiency and Stability of CsPbI ₂ Br Solar Cells. <i>Solar Rrl</i> , 2020 , 4, 2000431	7.1	14
20	Enhanced Photogenerated Electron Transfer in a Semiartificial Photosynthesis System Based on Highly Dispersed Titanium Oxide Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 1822-1827	6.4	12
19	In situ photo-derived MnOOH collaborating with Mn ₂ Co ₂ C@C dual co-catalysts boost photocatalytic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17120-17127	13	12
18	Antioxidative Stannous Oxalate Derived Lead-Free Stable CsSnX ₃ (X=Cl, Br, and I) Perovskite Nanocrystals. <i>Angewandte Chemie</i> , 2021 , 133, 670-675	3.6	10
17	Ternary Monolithic ZnS/CdS/rGO Photomembrane with Desirable Charge Separation/Transfer Routes for Effective Photocatalytic and Photoelectrochemical Hydrogen Generation. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3431-3441	4.5	9
16	In situ constructing Ni foam supported ZnO-CdS nanorod arrays for enhanced photocatalytic and photoelectrochemical activity. <i>Journal of Alloys and Compounds</i> , 2021 , 868, 159187	5.7	8
15	Sustainable synthesis of low-cost nitrogen-doped-carbon coated Co ₃ W ₃ C@g-C ₃ N ₄ composite photocatalyst for efficient hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021 , 426, 131208	14.7	8
14	Phase-Controllable Growth Ni P Modified CdS@Ni S Electrodes for Efficient Electrocatalytic and Enhanced Photoassisted Electrocatalytic Overall Water Splitting.. <i>Small Methods</i> , 2021 , 5, e2100878	12.8	6
13	A CuNi Alloy-Carbon Layer Core-Shell Catalyst for Highly Efficient Conversion of Aqueous Formaldehyde to Hydrogen at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37299-37307	9.5	6
12	Low-cost nanocarbon electrodes on arbitrary fibrous substrates as efficient bifacial photovoltaic wires. <i>RSC Advances</i> , 2017 , 7, 9653-9661	3.7	4
11	Zinc-assisted mechanochemical coating of a reduced graphene oxide thin layer on silicon microparticles to achieve efficient lithium-ion battery anodes. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 1258-1268	5.8	4
10	Electron-rich interface of Cu-Co heterostructure nanoparticle as a cocatalyst for enhancing photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022 , 434, 134673	14.7	4
9	Vanadium Nitride Quantum Dots/Holey Graphene Matrix Boosting Adsorption and Conversion Reaction Kinetics for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30746-30755	9.5	4
8	Carbon-Coated Cu nanoparticles as a Cocatalyst of g-C ₃ N ₄ for Enhanced Photocatalytic H ₂ Evolution Activity under Visible-Light Irradiation. <i>Energy Technology</i> , 2019 , 7, 1800846	3.5	4
7	Photoelectrochemical detection of ultra-trace fluorine ion using TiO nanorod arrays as a probe.. <i>RSC Advances</i> , 2019 , 9, 26712-26717	3.7	3
6	Ni Foam Supported TiO ₂ Nanorod Arrays with CdS Branches: Type II and Z-Scheme Mechanisms Coexisted Monolithic Catalyst Film for Improved Photocatalytic H ₂ Production. <i>Solar Rrl</i> , 2020 , 4, 2000187	7.1	2

5	Portable Dual-Modular Immunosensor Constructed from Bimetallic Metal-Organic Framework Heterostructure Grafted with Enzyme-Mimicking Label for Rosiglitazone Detection. <i>Advanced Functional Materials</i> , 2023, 2203244	15.6	2
4	Natural light driven photovoltaic-electrolysis water splitting with 12.7% solar-to-hydrogen conversion efficiency using a two-electrode system grown with metal foam. <i>Journal of Power Sources</i> , 2022, 538, 231536	8.9	2
3	CdS@Mg(OH) ₂ core/shell composite photocatalyst for efficient visible-light photocatalytic overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 8729-8738	6.7	1
2	Efficient purification of tetracycline wastewater by activated persulfate with heterogeneous Co-V bimetallic oxides. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 188-197	9.3	1
1	FABRICATION AND PHOTOCATALYTIC PROPERTIES OF TiO ₂ NANOFILMS CO-DOPED WITH Fe ³⁺ AND Bi ³⁺ IONS. <i>Surface Review and Letters</i> , 2016, 23, 1550099	1.1	