

# Yuanxing Fang

## List of Publications by Year in Descending Order

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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.

60  
papers

2,539  
citations

25  
h-index

50  
g-index

63  
ext. papers

3,346  
ext. citations

10  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
60	Semiconducting Polymers for Oxygen Evolution Reaction under Light Illumination.. <i>Chemical Reviews</i> , <b>2022</b> ,	68.1	27
59	Synergetic effects by Co <sup>2+</sup> and PO <sub>4</sub> <sup>3-</sup> on Mo-doped BiVO <sub>4</sub> for an improved photoanodic H <sub>2</sub> O <sub>2</sub> evolution. <i>Chemical Engineering Science</i> , <b>2022</b> , 251, 117435	4.4	11
58	Role of carbon quantum dots on Nickel titanate to promote water oxidation reaction under visible light illumination. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 607, 203-209	9.3	4
57	One-Pot Synthesis of CoS <sub>2</sub> Merged in Polymeric Carbon Nitride Films for Photoelectrochemical Water Splitting.. <i>ChemSusChem</i> , <b>2022</b> ,	8.3	4
56	Supramolecular organization of melem for the synthesis of photoactive porous carbon nitride rods. <i>Nanoscale</i> , <b>2021</b> , 13, 19511-19517	7.7	3
55	Photocatalytic Air Purification Using Functional Polymeric Carbon Nitrides. <i>Advanced Science</i> , <b>2021</b> , 8, e2102376	13.6	3
54	cPCN-Regulated SnO Composites Enables Perovskite Solar Cell with Efficiency Beyond 23. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 101	19.5	13
53	Encapsulation of Cobalt Oxide into Metal-Organic Frameworks for an Improved Photocatalytic CO Reduction. <i>ChemSusChem</i> , <b>2021</b> , 14, 946-951	8.3	14
52	Efficient pyridine ring-incorporated carbon nitride polymers for photocatalytic H <sub>2</sub> evolution and CO <sub>2</sub> fixation. <i>Research on Chemical Intermediates</i> , <b>2021</b> , 47, 15-27	2.8	13
51	Well-defined CoS cages enable the separation of photoexcited charges to promote visible-light CO reduction. <i>Nanoscale</i> , <b>2021</b> , 13, 18070-18076	7.7	13
50	Coating Polymeric Carbon Nitride on Conductive Carbon Cloth to Promote Charge Separation for Photocatalytic Water Splitting. <i>ChemSusChem</i> , <b>2021</b> , 14, 3821-3824	8.3	8
49	Self-template synthesis of hollow Fe-doped CoP prisms with enhanced oxygen evolution reaction activity. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 62, 415-422	12	12
48	Remarkable oxygen evolution by Co-doped ZnO nanorods and visible light. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 296, 120369	21.8	8
47	Vertically aligned 2D carbon doped boron nitride nanofilms for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13059-13064	13	15
46	Nitrogen-Doped Carbon Dots/TiO <sub>2</sub> Nanoparticle Composites for Photoelectrochemical Water Oxidation. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 3371-3381	5.6	34
45	Water Oxidation with Cobalt-Loaded Linear Conjugated Polymer Photocatalysts. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18854-18859	3.6	6
44	Water Oxidation with Cobalt-Loaded Linear Conjugated Polymer Photocatalysts. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18695-18700	16.4	24

43	Diverse Polymeric Carbon Nitride-Based Semiconductors for Photocatalysis and Variations <b>2020</b> , 2, 975-980		33
42	Pt single-atoms supported on nitrogen-doped carbon dots for highly efficient photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 14690-14696	13	25
41	Transparent conductive oxides in photoanodes for solar water oxidation. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 626-632	5.1	12
40	In Situ Synthesis of Phosphorus-Doped Polymeric Carbon Nitride Sheets for Photoelectrochemical Water Oxidation. <i>Solar Rrl</i> , <b>2020</b> , 4, 2000168	7.1	14
39	Artificial Photosynthesis by MOFs: Water Splitting and CO <sub>2</sub> Conversion. <i>Series on Chemistry, Energy and the Environment</i> , <b>2020</b> , 427-452	0.2	
38	Fluorescent Se-modified carbon nitride nanosheets as biomimetic catalases for free-radical scavenging. <i>Chemical Communications</i> , <b>2020</b> , 56, 916-919	5.8	8
37	Photocatalysis: an overview of recent developments and technological advancements. <i>Science China Chemistry</i> , <b>2020</b> , 63, 149-181	7.9	63
36	Nanoscale boron carbonitride semiconductors for photoredox catalysis. <i>Nanoscale</i> , <b>2020</b> , 12, 3593-3604	7.7	16
35	Gradient sulfur doping along polymeric carbon nitride films as visible light photoanodes for the enhanced water oxidation. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118398	21.8	30
34	The role of carbon dots - derived underlayer in hematite photoanodes. <i>Nanoscale</i> , <b>2020</b> , 12, 20220-20229	7.7	2
33	Photoelectrochemical conversion of CO <sub>2</sub> into HCOOH using a polymeric carbon nitride photoanode and Cu cathode. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 5812-5817	5.8	12
32	Porous carbon nanosheets from biological nucleobase precursor as efficient pH-independent oxygen reduction electrocatalyst. <i>Carbon</i> , <b>2020</b> , 156, 179-186	10.4	26
31	Thermal annealing-induced structural reorganization in polymeric photocatalysts for enhanced hydrogen evolution. <i>Chemical Communications</i> , <b>2019</b> , 55, 7756-7759	5.8	19
30	A Borocarbonitride Ceramic Aerogel for Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6094-6098	8.6	3
29	A Borocarbonitride Ceramic Aerogel for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6033-6037	16.4	55
28	Phosphorylation of Polymeric Carbon Nitride Photoanodes with Increased Surface Valence Electrons for Solar Water Splitting. <i>ChemSusChem</i> , <b>2019</b> , 12, 2605-2608	8.3	31
27	LiCl as Phase-Transfer Catalysts to Synthesize Thin Co P Nanosheets for Oxygen Evolution Reaction. <i>ChemSusChem</i> , <b>2019</b> , 12, 1911-1915	8.3	13
26	Multimetallic Oxynitrides Nanoparticles for a New Generation of Photocatalysts. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 16676	4.8	6

25	Photocatalytic CO conversion by polymeric carbon nitrides. <i>Chemical Communications</i> , <b>2018</b> , 54, 5674-5688	5.8	126
24	Polymeric carbon nitride nanomesh as an efficient and durable metal-free catalyst for oxidative desulfurization. <i>Chemical Communications</i> , <b>2018</b> , 54, 2475-2478	5.8	77
23	Efficient development of Type-II TiO <sub>2</sub> heterojunction using electrochemical approach for an enhanced photoelectrochemical water splitting performance. <i>Chinese Journal of Catalysis</i> , <b>2018</b> , 39, 438-443	11.3	19
22	Metal-organic frameworks for solar energy conversion by photoredox catalysis. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 373, 83-115	23.2	113
21	Synthesis of Polymeric Carbon Nitride Films with Adhesive Interfaces for Solar Water Splitting Devices. <i>ACS Catalysis</i> , <b>2018</b> , 8, 8774-8780	13.1	53
20	Coating Polymeric Carbon Nitride Photoanodes on Conductive Y:ZnO Nanorod Arrays for Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9749-9753	16.4	87
19	Biomimetic Donor-Acceptor Motifs in Conjugated Polymers for Promoting Exciton Splitting and Charge Separation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8865-8869	3.6	18
18	Coating Polymeric Carbon Nitride Photoanodes on Conductive Y:ZnO Nanorod Arrays for Overall Water Splitting. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9897-9901	3.6	19
17	Photocatalytic Oxygen Evolution from Functional Triazine-Based Polymers with Tunable Band Structures. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 479-483	3.6	54
16	Photocatalytic Oxygen Evolution from Functional Triazine-Based Polymers with Tunable Band Structures. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 470-474	16.4	191
15	Biomimetic Donor-Acceptor Motifs in Conjugated Polymers for Promoting Exciton Splitting and Charge Separation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8729-8733	16.4	130
14	A Facile Steam Reforming Strategy to Delaminate Layered Carbon Nitride Semiconductors for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3992-3996	16.4	293
13	A Facile Steam Reforming Strategy to Delaminate Layered Carbon Nitride Semiconductors for Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4050-4054	3.6	77
12	Tri-s-triazine-Based Crystalline Carbon Nitride Nanosheets for an Improved Hydrogen Evolution. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700008	24	407
11	Signal Enhancement with Stacked Magnets for High-Resolution Radio Frequency Glow Discharge Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1382-1388	7.8	5
10	Metallfreie Bor-haltige Heterogenkatalysatoren. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15712-15724	3.6	17
9	Metal-Free Boron-Containing Heterogeneous Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15506-15518	16.4	86
8	The facile synthesis of graphitic carbon nitride from amino acid and urea for photocatalytic H <sub>2</sub> production. <i>Research on Chemical Intermediates</i> , <b>2017</b> , 43, 5137-5152	2.8	28

7	Ultra rapid direct heating synthesis of ZnO nanorods with improved light trapping from stacked photoanodes for high efficiency photocatalytic water splitting. <i>Nanotechnology</i> , <b>2017</b> , 28, 355402	3.4	8
6	An enhanced gas ionization sensor from Y-doped vertically aligned conductive ZnO nanorods. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 237, 724-732	8.5	26
5	Solution processed flexible hybrid cell for concurrently scavenging solar and mechanical energies. <i>Nano Energy</i> , <b>2015</b> , 16, 301-309	17.1	41
4	Thickness control in electrophoretic deposition of WO <sub>3</sub> nanofiber thin films for solar water splitting. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2015</b> , 202, 39-45	3.1	27
3	Marangoni ring-templated vertically aligned ZnO nanotube arrays with enhanced photocatalytic hydrogen production. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 149-150, 12-16	4.4	22
2	Directed neurite growth of rat dorsal root ganglion neurons and increased colocalization with Schwann cells on aligned poly(methyl methacrylate) electrospun nanofibers. <i>Brain Research</i> , <b>2014</b> , 1565, 18-27	3.7	24
1	Roles of Metal-Free Materials in Photoelectrodes for Water Splitting. <i>Accounts of Materials Research</i> ,	7.5	5