Yuanxing Fang

List of Publications by Citations

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	Tri-s-triazine-Based Crystalline Carbon Nitride Nanosheets for an Improved Hydrogen Evolution. *Advanced Materials*, **2017**, 29, 1700008	24	407
59	A Facile Steam Reforming Strategy to Delaminate Layered Carbon Nitride Semiconductors for Photoredox Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 3992-3996	16.4	293
58	Photocatalytic Oxygen Evolution from Functional Triazine-Based Polymers with Tunable Band Structures. *Angewandte Chemie - International Edition*, **2018**, 57, 470-474	16.4	191
57	Biomimetic Donor-Acceptor Motifs in Conjugated Polymers for Promoting Exciton Splitting and Charge Separation. *Angewandte Chemie - International Edition*, **2018**, 57, 8729-8733	16.4	130
56	Photocatalytic CO conversion by polymeric carbon nitrides. *Chemical Communications*, **2018**, 54, 5674-5687	5.8	126
55	Metal□rganic frameworks for solar energy conversion by photoredox catalysis. *Coordination Chemistry Reviews*, **2018**, 373, 83-115	23.2	113
54	Coating Polymeric Carbon Nitride Photoanodes on Conductive Y:ZnO Nanorod Arrays for Overall Water Splitting. *Angewandte Chemie - International Edition*, **2018**, 57, 9749-9753	16.4	87
53	Metal-Free Boron-Containing Heterogeneous Catalysts. *Angewandte Chemie - International Edition*, **2017**, 56, 15506-15518	16.4	86
52	A Facile Steam Reforming Strategy to Delaminate Layered Carbon Nitride Semiconductors for Photoredox Catalysis. *Angewandte Chemie*, **2017**, 129, 4050-4054	3.6	77
51	Polymeric carbon nitride nanomesh as an efficient and durable metal-free catalyst for oxidative desulfurization. *Chemical Communications*, **2018**, 54, 2475-2478	5.8	77
50	Photocatalysis: an overview of recent developments and technological advancements. *Science China Chemistry*, **2020**, 63, 149-181	7.9	63
49	A Borocarbonitride Ceramic Aerogel for Photoredox Catalysis. *Angewandte Chemie - International Edition*, **2019**, 58, 6033-6037	16.4	55
48	Photocatalytic Oxygen Evolution from Functional Triazine-Based Polymers with Tunable Band Structures. *Angewandte Chemie*, **2018**, 130, 479-483	3.6	54
47	Synthesis of Polymeric Carbon Nitride Films with Adhesive Interfaces for Solar Water Splitting Devices. *ACS Catalysis*, **2018**, 8, 8774-8780	13.1	53
46	Solution processed flexible hybrid cell for concurrently scavenging solar and mechanical energies. *Nano Energy*, **2015**, 16, 301-309	17.1	41
45	Nitrogen-Doped Carbon Dots/TiO2 Nanoparticle Composites for Photoelectrochemical Water Oxidation. *ACS Applied Nano Materials*, **2020**, 3, 3371-3381	5.6	34
44	Diverse Polymeric Carbon Nitride-Based Semiconductors for Photocatalysis and Variations **2020**, 2, 975-980		33

43	Phosphorylation of Polymeric Carbon Nitride Photoanodes with Increased Surface Valence Electrons for Solar Water Splitting. *ChemSusChem*, **2019**, 12, 2605-2608	8.3	31
42	Gradient sulfur doping along polymeric carbon nitride films as visible light photoanodes for the enhanced water oxidation. *Applied Catalysis B: Environmental*, **2020**, 268, 118398	21.8	30
41	The facile synthesis of graphitic carbon nitride from amino acid and urea for photocatalytic H2 production. *Research on Chemical Intermediates*, **2017**, 43, 5137-5152	2.8	28
40	Thickness control in electrophoretic deposition of WO3 nanofiber thin films for solar water splitting. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2015**, 202, 39-45	3.1	27
39	Semiconducting Polymers for Oxygen Evolution Reaction under Light Illumination.. *Chemical Reviews*, **2022**,	68.1	27
38	An enhanced gas ionization sensor from Y-doped vertically aligned conductive ZnO nanorods. *Sensors and Actuators B: Chemical*, **2016**, 237, 724-732	8.5	26
37	Porous carbon nanosheets from biological nucleobase precursor as efficient pH-independent oxygen reduction electrocatalyst. *Carbon*, **2020**, 156, 179-186	10.4	26
36	Pt single-atoms supported on nitrogen-doped carbon dots for highly efficient photocatalytic hydrogen generation. *Journal of Materials Chemistry A*, **2020**, 8, 14690-14696	13	25
35	Water Oxidation with Cobalt-Loaded Linear Conjugated Polymer Photocatalysts. *Angewandte Chemie - International Edition*, **2020**, 59, 18695-18700	16.4	24
34	Directed neurite growth of rat dorsal root ganglion neurons and increased colocalization with Schwann cells on aligned poly(methyl methacrylate) electrospun nanofibers. *Brain Research*, **2014**, 1565, 18-27	3.7	24
33	Marangoni ring-templated vertically aligned ZnO nanotube arrays with enhanced photocatalytic hydrogen production. *Materials Chemistry and Physics*, **2015**, 149-150, 12-16	4.4	22
32	Thermal annealing-induced structural reorganization in polymeric photocatalysts for enhanced hydrogen evolution. *Chemical Communications*, **2019**, 55, 7756-7759	5.8	19
31	Efficient development of Type-II TiO2 heterojunction using electrochemical approach for an enhanced photoelectrochemical water splitting performance. *Chinese Journal of Catalysis*, **2018**, 39, 438-445	11.3	19
30	Coating Polymeric Carbon Nitride Photoanodes on Conductive Y:ZnO Nanorod Arrays for Overall Water Splitting. *Angewandte Chemie*, **2018**, 130, 9897-9901	3.6	19
29	Biomimetic Donor–Acceptor Motifs in Conjugated Polymers for Promoting Exciton Splitting and Charge Separation. *Angewandte Chemie*, **2018**, 130, 8865-8869	3.6	18
28	Metallfreie Bor-haltige Heterogenkatalysatoren. *Angewandte Chemie*, **2017**, 129, 15712-15724	3.6	17
27	Nanoscale boron carbonitride semiconductors for photoredox catalysis. *Nanoscale*, **2020**, 12, 3593-3604	7.7	16
26	Vertically aligned 2D carbon doped boron nitride nanofilms for photoelectrochemical water oxidation. *Journal of Materials Chemistry A*, **2020**, 8, 13059-13064	13	15

25	In Situ Synthesis of Phosphorus-Doped Polymeric Carbon Nitride Sheets for Photoelectrochemical Water Oxidation. *Solar Rrl*, **2020**, 4, 2000168	7.1	14
24	Encapsulation of Cobalt Oxide into Metal-Organic Frameworks for an Improved Photocatalytic CO Reduction. *ChemSusChem*, **2021**, 14, 946-951	8.3	14
23	LiCl as Phase-Transfer Catalysts to Synthesize Thin Co P Nanosheets for Oxygen Evolution Reaction. *ChemSusChem*, **2019**, 12, 1911-1915	8.3	13
22	cPCN-Regulated SnO Composites Enables Perovskite Solar Cell with Efficiency Beyond 23. *Nano-Micro Letters*, **2021**, 13, 101	19.5	13
21	□deficient pyridine ring-incorporated carbon nitride polymers for photocatalytic H2 evolution and CO2 fixation. *Research on Chemical Intermediates*, **2021**, 47, 15-27	2.8	13
20	Well-defined CoS cages enable the separation of photoexcited charges to promote visible-light CO reduction. *Nanoscale*, **2021**, 13, 18070-18076	7.7	13
19	Transparent conductive oxides in photoanodes for solar water oxidation. *Nanoscale Advances*, **2020** , 2, 626-632	5.1	12
18	Photoelectrochemical conversion of CO2 into HCOOH using a polymeric carbon nitride photoanode and Cu cathode. *Sustainable Energy and Fuels*, **2020**, 4, 5812-5817	5.8	12
17	Self-template synthesis of hollow Fe-doped CoP prisms with enhanced oxygen evolution reaction activity. *Journal of Energy Chemistry*, **2021**, 62, 415-422	12	12
16	Synergetic effects by Co2+ and PO43- on Mo-doped BiVO4 for an improved photoanodic H2O2 evolution. *Chemical Engineering Science*, **2022**, 251, 117435	4.4	11
15	Ultra rapid direct heating synthesis of ZnO nanorods with improved light trapping from stacked photoanodes for high efficiency photocatalytic water splitting. *Nanotechnology*, **2017**, 28, 355402	3.4	8
14	Fluorescent Se-modified carbon nitride nanosheets as biomimetic catalases for free-radical scavenging. *Chemical Communications*, **2020**, 56, 916-919	5.8	8
13	Coating Polymeric Carbon Nitride on Conductive Carbon Cloth to Promote Charge Separation for Photocatalytic Water Splitting. *ChemSusChem*, **2021**, 14, 3821-3824	8.3	8
12	Remarkable oxygen evolution by Co-doped ZnO nanorods and visible light. *Applied Catalysis B: Environmental*, **2021**, 296, 120369	21.8	8
11	Water Oxidation with Cobalt-Loaded Linear Conjugated Polymer Photocatalysts. *Angewandte Chemie*, **2020**, 132, 18854-18859	3.6	6
10	Multimetallic Oxynitrides Nanoparticles for a New Generation of Photocatalysts. *Chemistry - A European Journal*, **2019**, 25, 16676	4.8	6
9	Signal Enhancement with Stacked Magnets for High-Resolution Radio Frequency Glow Discharge Mass Spectrometry. *Analytical Chemistry*, **2017**, 89, 1382-1388	7.8	5
8	Roles of Metal-Free Materials in Photoelectrodes for Water Splitting. *Accounts of Materials Research*,	7.5	5

List of Publications

7	Role of carbon quantum dots on Nickel titanate to promote water oxidation reaction under visible light illumination. *Journal of Colloid and Interface Science*, **2022**, 607, 203-209	9.3	4
6	One-Pot Synthesis of CoS2 Merged in Polymeric Carbon Nitride Films for Photoelectrochemical Water Splitting.. *ChemSusChem*, **2022**,	8.3	4
5	A Borocarbonitride Ceramic Aerogel for Photoredox Catalysis. *Angewandte Chemie*, **2019**, 131, 6094-6098	3.6	3
4	Supramolecular organization of melem for the synthesis of photoactive porous carbon nitride rods. *Nanoscale*, **2021**, 13, 19511-19517	7.7	3
3	Photocatalytic Air Purification Using Functional Polymeric Carbon Nitrides. *Advanced Science*, **2021**, 8, e2102376	13.6	3
2	The role of carbon dots - derived underlayer in hematite photoanodes. *Nanoscale*, **2020**, 12, 20220-20229	7.7	2
1	Artificial Photosynthesis by MOFs: Water Splitting and CO2 Conversion. *Series on Chemistry, Energy and the Environment*, **2020**, 427-452	0.2	