

# Feng Fu

## List of Publications by Year in descending order

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66  
papers

3,124  
citations

117571

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155592

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66  
docs citations

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times ranked

3294  
citing authors

#	ARTICLE	IF	CITATIONS
1	AgBr quantum dots decorated mesoporous Bi <sub>2</sub> WO <sub>6</sub> architectures with enhanced photocatalytic activities for methylene blue. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11716-11727.	5.2	211
2	Monodispersed Ag nanoparticles loaded on the surface of spherical Bi <sub>2</sub> WO <sub>6</sub> nanoarchitectures with enhanced photocatalytic activities. <i>Journal of Materials Chemistry</i> , 2012, 22, 4751.	6.7	194
3	Synergistic effect of surface oxygen vacancies and interfacial charge transfer on Fe(III)/Bi <sub>2</sub> MoO <sub>6</sub> for efficient photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 247, 150-162.	10.8	185
4	Chemisorption-enhanced photocatalytic nitrogen fixation via 2D ultrathin $\mu$ n heterojunction AgCl/Bi <sub>2</sub> O <sub>3</sub> nanosheets. <i>Journal of Catalysis</i> , 2019, 371, 71-80.	3.1	129
5	Fluffy honeycomb-like activated carbon from popcorn with high surface area and well-developed porosity for ultra-high efficiency adsorption of organic dyes. <i>Bioresource Technology</i> , 2019, 285, 121340.	4.8	116
6	Alkali-assisted synthesis of direct Z-scheme based Bi <sub>2</sub> O <sub>3</sub> /Bi <sub>2</sub> MoO <sub>6</sub> photocatalyst for highly efficient photocatalytic degradation of phenol and hydrogen evolution reaction. <i>Journal of Catalysis</i> , 2019, 375, 399-409.	3.1	108
7	Synergistic introducing of oxygen vacancies and hybrid of organic semiconductor: Realizing deep structure modulation on Bi <sub>5</sub> O <sub>7</sub> I for high-efficiency photocatalytic pollutant oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118562.	10.8	106
8	Design and construction of the sandwich-like Z-scheme multicomponent CdS/Ag/Bi <sub>2</sub> MoO <sub>6</sub> heterostructure with enhanced photocatalytic performance in RhB photodegradation. <i>New Journal of Chemistry</i> , 2016, 40, 8614-8624.	1.4	100
9	Novel phosphorus-doped Bi <sub>2</sub> WO <sub>6</sub> monolayer with oxygen vacancies for superior photocatalytic water detoxication and nitrogen fixation performance. <i>Chemical Engineering Journal</i> , 2021, 411, 128629.	6.6	97
10	Synthesis of mesoporous Bi <sub>2</sub> WO <sub>6</sub> architectures and their gas sensitivity to ethanol. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4153.	2.7	86
11	Effective Adsorption of Anionic Dye, Alizarin Red S, from Aqueous Solutions on Activated Clay Modified by Iron Oxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 9712-9717.	1.8	84
12	Ag/Bi <sub>2</sub> MoO <sub>6-x</sub> with enhanced visible-light-responsive photocatalytic activities via the synergistic effect of surface oxygen vacancies and surface plasmon. <i>Applied Surface Science</i> , 2018, 436, 536-547.	3.1	84
13	In situ fabrication of Bi <sub>2</sub> MoO <sub>6</sub> /Bi <sub>2</sub> MoO <sub>6-x</sub> homojunction photocatalyst for simultaneous photocatalytic phenol degradation and Cr(VI) reduction. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 741-751.	5.0	80
14	Template-Free Hydrothermal Synthesis of Novel Three-Dimensional Dendritic CdS Nanoarchitectures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5984-5990.	1.5	74
15	Plate-to-Layer Bi <sub>2</sub> MoO <sub>6</sub> /MXene-Heterostructured Anode for Lithium-Ion Batteries. <i>Nano-Micro Letters</i> , 2019, 11, 81.	14.4	70
16	Synergistic effect of oxygen defect and doping engineering on S-scheme O-ZnIn <sub>2</sub> S <sub>4</sub> /TiO <sub>2-x</sub> heterojunction for effective photocatalytic hydrogen production by water reduction coupled with oxidative dehydrogenation. <i>Chemical Engineering Journal</i> , 2022, 430, 133125.	6.6	70
17	Ceramic supported attapulgite-graphene oxide composite membrane for efficient removal of heavy metal contamination. <i>Journal of Membrane Science</i> , 2019, 591, 117323.	4.1	66
18	A versatile V-shaped tetracarboxylate building block for constructing mixed-ligand Co(ii) and Mn(ii) complexes incorporating various N-donor co-ligands. <i>CrystEngComm</i> , 2010, 12, 1227-1237.	1.3	61

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19	Porous BiOBr/Bi <sub>2</sub> MoO <sub>6</sub> Heterostructures for Highly Selective Adsorption of Methylene Blue. ACS Omega, 2016, 1, 566-577.	1.6	59
20	Stoichiometry of N-Donor Ligand Mediated Assembly in the Zn <sup>II</sup> -Hfipbb System: From a 2-Fold Interpenetrating Pillared-Network to Unique (3,4)-Connected Isomeric Nets. Crystal Growth and Design, 2011, 11, 3850-3857.	1.4	57
21	Highly efficient visible-light-driven photo-Fenton catalytic performance over FeOOH/Bi <sub>2</sub> WO <sub>6</sub> composite for organic pollutant degradation. Journal of Alloys and Compounds, 2020, 816, 152560.	2.8	57
22	Photocatalytic performance and mechanism insights of a S-scheme g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterostructure in phenol degradation and hydrogen evolution reactions under visible light. Physical Chemistry Chemical Physics, 2020, 22, 26278-26288.	1.3	55
23	La and F co-doped Bi <sub>2</sub> MoO <sub>6</sub> architectures with enhanced photocatalytic performance via synergistic effect. RSC Advances, 2016, 6, 71052-71060.	1.7	51
24	Magnetically recyclable Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /Bi <sub>2</sub> WO <sub>6</sub> /Bi <sub>2</sub> S <sub>3</sub> with visible-light-driven photocatalytic oxidative desulfurization. Materials Research Bulletin, 2019, 118, 110520.	2.7	50
25	In-Situ Construction of 2D/2D ZnIn <sub>2</sub> S <sub>4</sub> /BiOCl Heterostructure with Enhanced Photocatalytic Activity for N <sub>2</sub> Fixation and Phenol Degradation. Catalysts, 2019, 9, 729.	1.6	48
26	2D/2D type-II Cu <sub>2</sub> ZnSnS <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> heterojunctions to promote visible-light-driven photo-Fenton catalytic activity. Chinese Journal of Catalysis, 2020, 41, 503-513.	6.9	47
27	Ultrafine Au nanoparticles anchored on Bi <sub>2</sub> MoO <sub>6</sub> with abundant surface oxygen vacancies for efficient oxygen molecule activation. Catalysis Science and Technology, 2019, 9, 3193-3202.	2.1	46
28	Multilayer ultrathin Ag- $\dot{\text{I}}$ -Bi <sub>2</sub> O <sub>3</sub> with ultrafast charge transformation for enhanced photocatalytic nitrogen fixation. Journal of Colloid and Interface Science, 2019, 533, 649-657.	5.0	45
29	Magnetically recyclable Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /Bi <sub>2</sub> WO <sub>6</sub> $\dot{\text{A}}$ <sup>x</sup> F <sub>2</sub> x photocatalyst with well-designed core-shell nanostructure for the reduction of Cr(VI). Chemical Engineering Journal, 2019, 370, 1522-1533.	6.6	45
30	The hierarchical layered microsphere of BiO <sub>x</sub> Br <sub>1-x</sub> solid solution decorated with N-doped CQDs with enhanced visible light photocatalytic oxidation pollutants. Chemical Engineering Journal, 2021, 406, 127155.	6.6	45
31	Effective adsorption of phenolic compound from aqueous solutions on activated semi coke. Journal of Physics and Chemistry of Solids, 2017, 102, 142-150.	1.9	42
32	Highly selective and sensitive detection of Hg <sup>2+</sup> , Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> , and nitrobenzene/2,4-dinitrophenol in water via two fluorescent Cd-CPs. New Journal of Chemistry, 2018, 42, 19844-19852.	1.4	40
33	Efficient Degradation of Phenol and 4-Nitrophenol by Surface Oxygen Vacancies and Plasmonic Silver Co-Modified Bi <sub>2</sub> MoO <sub>6</sub> Photocatalysts. Chemistry - A European Journal, 2018, 24, 18463-18478.	1.7	40
34	The Novel Z-Scheme Ternary-Component Ag/AgI $\dot{\text{I}}$ -MoO <sub>3</sub> Catalyst with Excellent Visible-Light Photocatalytic Oxidative Desulfurization Performance for Model Fuel. Nanomaterials, 2019, 9, 1054.	1.9	36
35	Synthesis of nano-porous Bi <sub>2</sub> WO <sub>6</sub> hierarchical microcrystal with selective adsorption for cationic dyes. Materials Research Bulletin, 2016, 83, 387-395.	2.7	35
36	High-performance magnetic carbon materials in dye removal from aqueous solutions. Journal of Solid State Chemistry, 2016, 239, 265-273.	1.4	32

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37	Accurate guided alternating atomic layer enhance internal electric field to steering photogenerated charge separation for enhance photocatalytic activity. Applied Catalysis B: Environmental, 2021, 298, 120536.	10.8	32
38	Effective charge kinetics steering in surface plasmons coupled two-dimensional chemical Au/Bi <sub>2</sub> WO <sub>6</sub> -MoS <sub>2</sub> heterojunction for superior photocatalytic detoxification performance. Journal of Hazardous Materials, 2020, 384, 121484.	6.5	31
39	2D In-Plane CuS/Bi <sub>2</sub> WO <sub>6</sub> p-n Heterostructures with Promoted Visible-Light-Driven Photo-Fenton Degradation Performance. Nanomaterials, 2019, 9, 1151.	1.9	30
40	Nanoarchitectonics of CdS/ZnSnO <sub>3</sub> heterostructures for Z-Scheme mediated directional transfer of photo-generated charges with enhanced photocatalytic performance. International Journal of Hydrogen Energy, 2022, 47, 9566-9578.	3.8	28
41	In-situ anion exchange based Bi <sub>2</sub> S <sub>3</sub> /OV-Bi <sub>2</sub> MoO <sub>6</sub> heterostructure for efficient ammonia production: A synchronized approach to strengthen NRR and OER reactions. Journal of Materials Science and Technology, 2022, 110, 152-160.	5.6	24
42	Organozinc Precursor-Derived Crystalline ZnO Nanoparticles: Synthesis, Characterization and Their Spectroscopic Properties. Nanomaterials, 2018, 8, 22.	1.9	23
43	AgBr nanoparticles decorated BiPO <sub>4</sub> microrod: a novel p-n heterojunction with enhanced photocatalytic activities. RSC Advances, 2015, 5, 72830-72840.	1.7	21
44	Flower-like Cu <sub>2</sub> ZnSnS <sub>4</sub> architectures synthesize and their visible-light catalytic properties. Journal of Alloys and Compounds, 2019, 770, 424-432.	2.8	20
45	Four new coordination polymers constructed using 2,2'-oxybis(benzoic acid) and auxiliary N-donor ligands: Syntheses, structures, magnetic behavior and DFT studies. Polyhedron, 2015, 88, 116-124.	1.0	18
46	Effective adsorption of phenol from aqueous solutions on activated semi-coke. Journal of Materials Science, 2015, 50, 4200-4208.	1.7	15
47	Enhancing an internal electric field by a solid solution strategy for steering bulk-charge flow and boosting photocatalytic activity of Bi <sub>2</sub> O <sub>3</sub> /ClBr <sub>10</sub> . Chinese Journal of Catalysis, 2022, 43, 485-496.	6.9	15
48	Giant improvement of performances of perovskite solar cells via component engineering. Journal of Colloid and Interface Science, 2021, 588, 393-400.	5.0	14
49	In-Situ Construction of 2D/2D CuCo <sub>2</sub> S <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> contact heterojunction as a visible-light-driven fenton-like catalyst with highly efficient charge transfer for highly efficient degradation of tetracycline hydrochloride. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 634, 127965.	2.3	14
50	A novel approach for high-yield solid few-layer MoS <sub>2</sub> nanosheets with effective photocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2019, 44, 16639-16647.	3.8	12
51	Platinum Nanoparticle-Electrodeposited Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene as a Binder-Free Electrocatalyst for Improved Hydrogen Evolution. ACS Applied Energy Materials, 2022, 5, 3092-3099.	2.5	12
52	Highly stable and efficient perovskite solar cells produced via high-boiling point solvents and additive engineering synergistically. Science China Chemistry, 2020, 63, 818-826.	4.2	11
53	Preparation of efficient Ag/AgBr/TiO <sub>2</sub> visible light photocatalyst for destruction of MB. Journal of Materials Science: Materials in Electronics, 2017, 28, 691-696.	1.1	10
54	Abnormal absorption onset shift of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> film by adding PbBr <sub>2</sub> into its precursor and its effect on photovoltaic performance. Journal of Power Sources, 2019, 437, 226914.	4.0	8

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55	Flexible ligands-dependent formation of a new column layered MOF possess 1D channel and effective separation performance for CO <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , 2021, 294, 121896.	1.4	7
56	Synergism of carbon quantum dots and Au nanoparticles with Bi <sub>2</sub> MoO <sub>6</sub> for activity enhanced photocatalytic oxidative degradation of phenol. <i>RSC Advances</i> , 2021, 11, 28674-28684.	1.7	6
57	A Novel Self-assembled Dodecameric Water Cluster Stabilized by a Citrate-bridged Copper(II) Compound. <i>Chinese Journal of Chemistry</i> , 2010, 28, 943-949.	2.6	4
58	Desulfurization of Sulfur-Containing Compounds in Heavy Oil in the Presence of Supercritical Methanol. <i>Energy &amp; Fuels</i> , 2020, 34, 2958-2968.	2.5	4
59	Synthesis of Diatomite/g-C <sub>3</sub> N <sub>4</sub> Composite with Enhanced Visible-light-responsive Photocatalytic Activity. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2016, 31, 881.	0.6	4
60	(4, 5)-Connected 3D Supramolecular Framework Based on 1D Tube-Shaped Coordination Armed-Chains [Mn(4,4'-bipy)(OAc) <sub>2</sub> ] <sub>n</sub> . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 373-378.	0.6	3
61	Two Novel 3D Hydrogen-bonded Architectures Constructed from Maleic Acid and N-donor Ligands: Structures, Magnetic Properties and Theoretical Studies. <i>Chinese Journal of Chemistry</i> , 2009, 27, 273-280.	2.6	3
62	A threefold interpenetrated two-dimensional zinc(II) supramolecular architecture based on 3-nitrobenzoic acid and 4,4'-bipyridine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 128-132.	0.2	2
63	Antraquinone-2,6-disulfonate as Versatile Ligand for the Synthesis of Hydrogen-bonded Supramolecules. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1432-1437.	0.6	1
64	A two-dimensional copper(II) coordination polymer based on 2,4'-oxybis(benzoate) and 4,4'-bipyridine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 503-507.	0.2	1
65	A 3D supramolecular architecture based on 2,2'-oxybis(benzoic acid) and trans-1,2-bis(4-pyridyl)ethylene as ligands for Co(II). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 397-401.	0.3	0
66	Frontispiece: Efficient Degradation of Phenol and 4-Nitrophenol by Surface Oxygen Vacancies and Plasmonic Silver Co-modified Bi <sub>2</sub> MoO <sub>6</sub> Photocatalysts. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0