

# Wei Feng

## List of Publications by Citations

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141  
ext. papers

5,860  
ext. citations

8  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
127	Highly responsive ultrathin GaS nanosheet photodetectors on rigid and flexible substrates. <i>Nano Letters</i> , <b>2013</b> , 13, 1649-54	11.5	573
126	Back gated multilayer InSe transistors with enhanced carrier mobilities via the suppression of carrier scattering from a dielectric interface. <i>Advanced Materials</i> , <b>2014</b> , 26, 6587-93	24	331
125	From metal-organic framework (MOF) to MOF-polymer composite membrane: enhancement of low-humidity proton conductivity. <i>Chemical Science</i> , <b>2013</b> , 4, 983-992	9.4	277
124	Self-Protective Room-Temperature Phosphorescence of Fluorine and Nitrogen Codoped Carbon Dots. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800791	15.6	206
123	Intrinsic Two-Dimensional Ferroelectricity with Dipole Locking. <i>Physical Review Letters</i> , <b>2018</b> , 120, 227601	7.4	170
122	Ultrahigh photo-responsivity and detectivity in multilayer InSe nanosheets phototransistors with broadband response. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7022-7028	7.1	162
121	Synthesis of two-dimensional $\text{EGa}_2\text{O}_3$ nanosheets for high-performance solar blind photodetectors. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 3254-3259	7.1	139
120	Vertical 2D $\text{MoO}_2/\text{MoSe}_2$ Core-Shell Nanosheet Arrays as High-Performance Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8537-8544	15.6	134
119	Highly sensitive phototransistors based on two-dimensional GaTe nanosheets with direct bandgap. <i>Nano Research</i> , <b>2014</b> , 7, 694-703	10	124
118	A Dual-Band Multilayer InSe Self-Powered Photodetector with High Performance Induced by Surface Plasmon Resonance and Asymmetric Schottky Junction. <i>ACS Nano</i> , <b>2018</b> , 12, 8739-8747	16.7	120
117	Sensitive Electronic-Skin Strain Sensor Array Based on the Patterned Two-Dimensional $\text{In}_2\text{Se}_3$ . <i>Chemistry of Materials</i> , <b>2016</b> , 28, 4278-4283	9.6	112
116	Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901383	15.6	107
115	Colorimetric Sensor Based on Self-Assembled Polydiacetylene/Graphene-Stacked Composite Film for Vapor-Phase Volatile Organic Compounds. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 6044-6050	15.6	100
114	Vertically aligned two-dimensional $\text{SnS}_2$ nanosheets with a strong photon capturing capability for efficient photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1989-1995	13	100
113	Anisotropic Growth of Nonlayered CdS on $\text{MoS}_2$ Monolayer for Functional Vertical Heterostructures. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2648-2654	15.6	96
112	Performance improvement of multilayer InSe transistors with optimized metal contacts. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 3653-8	3.6	92
111	Mechanism and performance of singlet oxygen dominated peroxymonosulfate activation on $\text{CoOOH}$ nanoparticles for 2,4-dichlorophenol degradation in water. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121350	12.8	78

110	Low-Temperature Growth of Large-Area Heteroatom-Doped Graphene Film. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 2460-2466	9.6	77
109	Effect of pH and H <sub>2</sub> O <sub>2</sub> dosage on catechol oxidation in nano-Fe <sub>3</sub> O <sub>4</sub> catalyzing UV-Benton and identification of reactive oxygen species. <i>Chemical Engineering Journal</i> , <b>2014</b> , 244, 1-8	14.7	72
108	In-Plane Mosaic Potential Growth of Large-Area 2D Layered Semiconductors MoS <sub>2</sub> -MoSe <sub>2</sub> Lateral Heterostructures and Photodetector Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 1684-1691	9.5	63
107	Synergistic effects of surface chemistry and topologic structure from modified microarc oxidation coatings on Ti implants for improving osseointegration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 8932-41	9.5	63
106	Controlled growth of vertical 3D MoS <sub>2</sub> (1-x)Se <sub>2x</sub> nanosheets for an efficient and stable hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 18060-18066	13	61
105	Microwave-assisted crystallization inclusion of spiropyran molecules in indium trimesate films with antidromic reversible photochromism. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 25019		60
104	A fast and zero-biased photodetector based on GaTe/InSe vertical 2D p-n heterojunction. <i>2D Materials</i> , <b>2018</b> , 5, 025008	5.9	59
103	Large-Scale Synthesis of a Uniform Film of Bilayer MoS <sub>2</sub> on Graphene for 2D Heterostructure Phototransistors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 19004-11	9.5	49
102	Non-planar vertical photodetectors based on free standing two-dimensional SnS nanosheets. <i>Nanoscale</i> , <b>2017</b> , 9, 9167-9174	7.7	46
101	Solid-State Reaction Synthesis of a InSe/CuInSe <sub>2</sub> Lateral p-n Heterojunction and Application in High Performance Optoelectronic Devices. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 983-989	9.6	45
100	Tuning the Excitonic States in MoS <sub>2</sub> /Graphene van der Waals Heterostructures via Electrochemical Gating. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 293-302	15.6	44
99	Recent Advances in Applying Vulcanization/Inverse Vulcanization Methods to Achieve High-Performance Sulfur-Containing Polymer Cathode Materials for LiB Batteries. <i>Small Methods</i> , <b>2018</b> , 2, 1800156	12.8	42
98	Tuning electrochemical catalytic activity of defective 2D terrace MoSe <sub>2</sub> heterogeneous catalyst via cobalt doping. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 11357-11363	13	41
97	Gate Modulation of Threshold Voltage Instability in Multilayer InSe Field Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 26691-5	9.5	38
96	Stimulation of adenosine A <sub>2B</sub> receptors induces interleukin-6 secretion in cardiac fibroblasts via the PKC-delta-P38 signalling pathway. <i>British Journal of Pharmacology</i> , <b>2010</b> , 159, 1598-607	8.6	38
95	Cobalt, Nitrogen-Doped Porous Carbon Nanosheet-Assembled Flowers from Metal-Coordinated Covalent Organic Polymers for Efficient Oxygen Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 1384-1393	9.5	36
94	Fabrication of heterogeneous porous bilayered nanofibrous vascular grafts by two-step phase separation technique. <i>Acta Biomaterialia</i> , <b>2018</b> , 79, 168-181	10.8	34
93	High-performance and flexible photodetectors based on chemical vapor deposition grown two-dimensional InSe nanosheets. <i>Nanotechnology</i> , <b>2018</b> , 29, 445205	3.4	34

92	Skin optical clearing potential of disaccharides. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 081207	3.5	33
91	Ultraviolet light assisted heterogeneous Fenton degradation of tetracycline based on polyhedral Fe <sub>3</sub> O <sub>4</sub> nanoparticles with exposed high-energy {110} facets. <i>Applied Surface Science</i> , <b>2019</b> , 485, 496-505	6.7	31
90	Phase-Engineering-Driven Enhanced Electronic and Optoelectronic Performance of Multilayer InSe Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 27584-27588	9.5	30
89	Lateral Monolayer MoSe <sub>2</sub> -WSe <sub>2</sub> p-n Heterojunctions with Giant Built-In Potentials. <i>Small</i> , <b>2020</b> , 16, e2002263	15.6	29
88	Enhanced catalytic performance of a bio-templated TiO <sub>2</sub> UV-Fenton system on the degradation of tetracycline. <i>Applied Surface Science</i> , <b>2019</b> , 465, 223-231	6.7	29
87	Optically Triggered Synchronous Heat Release of Phase-Change Enthalpy and Photo-Thermal Energy in Phase-Change Materials at Low Temperatures. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008496	15.6	28
86	Patterned Growth of P-Type MoS <sub>2</sub> Atomic Layers Using Sol-Gel as Precursor. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 6371-6379	15.6	26
85	Nanocellulose-Based Functional Materials: From Chiral Photonics to Soft Actuator and Energy Storage. <i>Advanced Functional Materials</i> , 2104991	15.6	26
84	Densely packed polymer/boron nitride composite for superior anisotropic thermal conductivity. <i>Polymer Composites</i> , <b>2018</b> , 39, E1653-E1658	3	25
83	Two-dimensional nanomaterials with engineered bandgap: Synthesis, properties, applications. <i>Nano Today</i> , <b>2021</b> , 37, 101059	17.9	24
82	Preparation and photochromism of nanocomposite thin film based on polyoxometalate and polyethyleneglycol. <i>Materials Letters</i> , <b>2007</b> , 61, 5247-5249	3.3	23
81	MC3T3-E1 cell response of amorphous phase/TiO <sub>2</sub> nanocrystal composite coating prepared by microarc oxidation on titanium. <i>Materials Science and Engineering C</i> , <b>2014</b> , 39, 186-95	8.3	22
80	One-step facile synthesis of a NiO/ZnO biomorphic nanocomposite using a poplar tree leaf template to generate an enhanced gas sensing platform to detect n-butanol. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 150550	5.7	22
79	Solar Thermal Storage and Room-Temperature Fast Release Using a Uniform Flexible Azobenzene-Grafted Polynorborene Film Enhanced by Stretching. <i>Macromolecules</i> , <b>2019</b> , 52, 4222-4231	5.5	20
78	Multilayer InSe-Te van der Waals Heterostructures with an Ultrahigh Rectification Ratio and Ultrasensitive Photoresponse. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 37313-37319	9.5	20
77	Fabrication of highly oriented reduced graphene oxide microbelts array for massive production of sensitive ammonia gas sensors. <i>Journal of Micromechanics and Microengineering</i> , <b>2013</b> , 23, 095031	2	19
76	Cross-Subject EEG Signal Recognition Using Deep Domain Adaptation Network. <i>IEEE Access</i> , <b>2019</b> , 7, 128273-128282	3.5	18
75	Phosphomolybdic acid-modified highly organized TiO <sub>2</sub> nanotube arrays with rapid photochromic performance. <i>Journal of Materials Science and Technology</i> , <b>2019</b> , 35, 1951-1958	9.1	17

74	New insights into MnOOH/peroxymonosulfate system for catalytic oxidation of 2,4-dichlorophenol: Morphology dependence and mechanisms. <i>Chemosphere</i> , <b>2020</b> , 255, 126961	8.4	16
73	High-Performance Broadband Photoelectrochemical Photodetectors Based on Ultrathin BiOS Nanosheets.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> , 14, 7175-7183	9.5	16
72	Conformal coating containing Ca, P, Si and Na with double-level porous surface structure on titanium formed by a three-step microarc oxidation. <i>RSC Advances</i> , <b>2015</b> , 5, 28908-28920	3.7	15
71	Solid-state reaction synthesis of two-dimensional CuGaSe <sub>2</sub> nanosheets for high performance photodetectors. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 19340-4	3.6	15
70	The effect of NaOH concentration on the steam-hydrothermally treated bioactive microarc oxidation coatings containing Ca, P, Si and Na on pure Ti surface. <i>Materials Science and Engineering C</i> , <b>2015</b> , 49, 669-680	8.3	15
69	High-Performance van der Waals Metal-Insulator-Semiconductor Photodetector Optimized with Valence Band Matching. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104359	15.6	15
68	Photocatalytic activity of Cu <sub>2</sub> O/ZnO nanocomposite for the decomposition of methyl orange under visible light irradiation. <i>Science and Engineering of Composite Materials</i> , <b>2019</b> , 26, 104-113	1.5	15
67	Modulation of opto-electronic properties of InSe thin layers via phase transformation. <i>RSC Advances</i> , <b>2016</b> , 6, 70452-70459	3.7	14
66	Visible-light photochromic nanocomposite thin films based on polyvinylpyrrolidone and polyoxometalates supported on clay minerals. <i>Applied Surface Science</i> , <b>2014</b> , 316, 637-642	6.7	14
65	Controlled growth of six-point stars MoS by chemical vapor deposition and its shape evolution mechanism. <i>Nanotechnology</i> , <b>2017</b> , 28, 395601	3.4	14
64	Preparation and visible-light photochromism of phosphomolybdic acid/polyvinylpyrrolidone hybrid film. <i>Chemical Research in Chinese Universities</i> , <b>2014</b> , 30, 703-708	2.2	14
63	Temperature-dependent growth of few layer InSe and In <sub>2</sub> Se <sub>3</sub> single crystals for optoelectronic device. <i>Semiconductor Science and Technology</i> , <b>2018</b> , 33, 125002	1.8	14
62	Two-Dimensional Nonlayered CuInSe <sub>2</sub> Nanosheets for High-Performance Photodetectors. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 5414-5418	5.6	14
61	Enhanced photoresponse of monolayer MoS <sub>2</sub> through hybridization with carbon quantum dots as efficient photosensitizer. <i>2D Materials</i> , <b>2019</b> , 6, 035025	5.9	12
60	Growth and characterization of ZnO needles. <i>Applied Nanoscience (Switzerland)</i> , <b>2014</b> , 4, 15-18	3.3	11
59	High internal phase Pickering emulsions stabilized by co-assembled rice proteins and carboxymethyl cellulose for food-grade 3D printing. <i>Carbohydrate Polymers</i> , <b>2021</b> , 273, 118586	10.3	11
58	Inconspicuous Reactions Identified by Improved Precision of Plasmonic Scattering Dark-Field Microscopy Imaging Using Silver Shell-Isolated Nanoparticles as Internal References. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3002-3008	7.8	10
57	Synthesis of Superlattice InSe Nanosheets with Enhanced Electronic and Optoelectronic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18511-18516	9.5	10

56	High performance UV photodetector based on 2D non-layered CuGaS <sub>2</sub> nanosheets. <i>Semiconductor Science and Technology</i> , <b>2019</b> , 34, 055007	1.8	10
55	Titania nanotube/nano-brushite composited bioactive coating with micro/nanotopography on titanium formed by anodic oxidation and hydrothermal treatment. <i>Ceramics International</i> , <b>2015</b> , 41, 13115-13125	5.1	10
54	Ultralow Power Optical Synapses Based on MoS <sub>2</sub> Layers by Indium-Induced Surface Charge Doping for Biomimetic Eyes. <i>Advanced Materials</i> , <b>2021</b> , 33, e2104960	24	10
53	Monolayer hydrophilic MoS <sub>2</sub> with strong charge trapping for atomically thin neuromorphic vision systems. <i>Materials Horizons</i> , <b>2020</b> , 7, 3316-3324	14.4	10
52	Synthesis of Two-Dimensional Alloy GaInSe Nanosheets for High-Performance Photodetector. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 43299-43304	9.5	10
51	Visible-light photochromism of phosphomolybdic acid and polyvinyl alcohol by inorganic-organic nanocomposite multilayer films. <i>Composite Interfaces</i> , <b>2018</b> , 25, 809-821	2.3	8
50	Visible-light Photochromism of Phosphomolybdic Acid/ZnO Composite. <i>Chemical Research in Chinese Universities</i> , <b>2018</b> , 34, 464-469	2.2	8
49	Effective Removal of Tetracycline by Using Biochar Supported Fe <sub>3</sub> O <sub>4</sub> as a UV-Fenton Catalyst. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 79-84	2.2	8
48	Visible light photochromism of polyoxometalates-based composite film with deposition of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Materials Letters</i> , <b>2014</b> , 136, 229-232	3.3	7
47	Contact engineering high-performance ambipolar multilayer tellurium transistors. <i>Nanotechnology</i> , <b>2020</b> , 31, 115204	3.4	7
46	Enhanced Safety and Antitumor Efficacy of Switchable Dual Chimeric Antigen Receptor-Engineered T Cells against Solid Tumors through a Synthetic Bifunctional PD-L1-Blocking Peptide. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18874-18885	16.4	7
45	Ultraviolet Light Assisted Hierarchical Porous Fe <sub>2</sub> O <sub>3</sub> Catalyzing Heterogeneous Fenton Degradation of Tetracycline Under Neutral Condition with a Low Requirement of H <sub>2</sub> O <sub>2</sub> . <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 304-310	2.2	6
44	H <sub>2</sub> Ti <sub>5</sub> O <sub>11</sub> ·H <sub>2</sub> O nanorod arrays formed on a Ti surface via a hybrid technique of microarc oxidation and chemical treatment. <i>CrystEngComm</i> , <b>2015</b> , 17, 2705-2717	3.3	6
43	High-Performance Devices Based on InSe-InGaSe Van der Waals Heterojunctions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 24978-24983	9.5	6
42	The Modulation of Photoluminescences Band Gap of Two-Dimensional InSe Nanosheets on h-BN Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 9813-9819	1.3	6
41	Enhanced Ethanol-Sensing Properties Based on Modified NiO-ZnO Heterojunction Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 731-740	1.3	6
40	Cytotoxicity of NiO nanoparticles and its conversion inside <i>Chlorella vulgaris</i> . <i>Chemical Research in Chinese Universities</i> , <b>2017</b> , 33, 107-111	2.2	5
39	UV-light and visible-light photochromism of inorganic-organic multilayer films based on polyoxometalate and poly(acrylamide). <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 2883-2889	2.4	5



38	Enhanced visible-active photochromism of a polyoxometalates/TiO <sub>2</sub> composite film by combining Bi <sub>2</sub> O <sub>3</sub> nanoparticles. <i>RSC Advances</i> , <b>2015</b> , 5, 49153-49158	3.7	5
37	Tunable electronic properties of multilayer InSe by alloy engineering for high performance self-powered photodetector. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 565, 239-244	9.3	5
36	Simultaneous Refolding of Wheat Proteins and Soy Proteins Forming Novel Antibiotic Superstructures by Carrying Eugenol. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 7698-7708	5.7	5
35	Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1918	3	5
34	Fluorinated graphene nanoribbons from unzipped single-walled carbon nanotubes for ultrahigh energy density lithium-fluorinated carbon batteries. <i>Science China Materials</i> , <b>2021</b> , 64, 1367-1377	7.1	5
33	Preparation and Gas Sensing Performance of Hierarchical Porous ZnO-based Materials with Sunflower Rods as a Biological Template. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 755-761	2.2	4
32	Composite Networks: Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite (Adv. Funct. Mater. 25/2019). <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1970173	15.6	4
31	Enhanced UV-assisted Fenton performance of nanostructured biomimetic Fe <sub>2</sub> O <sub>3</sub> on degradation of tetracycline. <i>Journal of Nanostructure in Chemistry</i> , 1	7.6	4
30	Synthesis of Multilayer InSe <sub>0.82</sub> Te <sub>0.18</sub> alloy for high performance near-infrared photodetector. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 152375	5.7	4
29	Carbon Dots: Self-Protective Room-Temperature Phosphorescence of Fluorine and Nitrogen Codoped Carbon Dots (Adv. Funct. Mater. 37/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870263	15.6	4
28	An innovative biotransformation to produce resveratrol by .. <i>RSC Advances</i> , <b>2019</b> , 9, 15448-15456	3.7	3
27	Enhanced Peroxymonosulfate Activation by NiCo <sub>1-x</sub> OOH for Efficient Catalytic Oxidation of Organic Pollutants. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 440-448	2.2	3
26	A facile electrochemical chiral sensor for tryptophan enantiomers based on multiwalled carbon nanotube/hydroxypropyl-β-cyclodextrin functionalized carboxymethyl cellulose. <i>Microchemical Journal</i> , <b>2022</b> , 175, 107133	4.8	3
25	Catalytic Removal of Selected Textile Dyes Using Zero-Valent Copper Nanoparticles Loaded on Filter Paper-Chitosan-Titanium Oxide Heterogeneous Support. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 2825-2839	4.5	3
24	Rice proteins and cod proteins forming shared microstructures with enhanced functional and nutritional properties. <i>Food Chemistry</i> , <b>2021</b> , 354, 129520	8.5	3
23	Photocatalytic Degradation of Methyl Orange Over Y <sup>3+</sup> Doped TiO <sub>2</sub> Pillared Montmorillonite. <i>Journal of Advanced Oxidation Technologies</i> , <b>2015</b> , 18,		2
22	Enhanced photochromism of heteropolyacid/polyvinylpyrrolidone composite film by TiO <sub>2</sub> doping. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	2
21	Biogenic fabrication and enhanced photocatalytic degradation of tetracycline by bio structured ZnO nanoparticles. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 1-16	2.6	2

20	Dataset for NiO/ZnO biomorphic nanocomposite using a poplar tree leaf template to generate an enhanced gas sensing platform to detect n-butanol. <i>Data in Brief</i> , <b>2020</b> , 31, 105897	1.2	2
19	Protonation-Induced Enhanced Optical-Light Photochromic Properties of an Inorganic-Organic Phosphomolybdic Acid/Polyaniline Hybrid Thin Film. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	2
18	Effect of Concrete Age and Creep on the Behavior of Concrete-Filled Steel Tube Columns. <i>Advances in Materials Science and Engineering</i> , <b>2016</b> , 2016, 1-10	1.5	2
17	The regulatory effects of the number of VP(N-vinylpyrrolidone) function groups on macrostructure and photochromic properties of polyoxometalates/copolymer hybrid films. <i>E-Polymers</i> , <b>2019</b> , 20, 1-7	2.7	2
16	Modifying the internal structures of steamed rice cakes by emulsifiers for promoted textural and sensory properties. <i>Food Chemistry</i> , <b>2021</b> , 354, 129469	8.5	2
15	Ultralow Power Optical Synapses Based on MoS <sub>2</sub> Layers by Indium-Induced Surface Charge Doping for Biomimetic Eyes (Adv. Mater. 52/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170409	24	2
14	Improved performance of graphene by effectively removing surface poly-methyl methacrylate residual during the process of wet-etching transfer. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 644, 26-35	0.5	1
13	Instantaneous Visible-light Photochromic Performance of Composite Powders Based on PMoA and ZnO Nanotubes. <i>Chemistry Letters</i> , <b>2019</b> , 48, 851-854	1.7	1
12	Leader-following consensus of multiagent systems with event-triggered communication <b>2015</b> ,		1
11	Ultrasonic-assisted organic/inorganic multilayer thin film synthesis and enhanced visible-light phototropy based on PVP /PMoA. <i>Journal of Materials Science</i> , 1	4.3	1
10	Removal of cadmium from rice grains by acid soaking and quality evaluation of decontaminated rice. <i>Food Chemistry</i> , <b>2022</b> , 371, 131099	8.5	1
9	All-natural protein-polysaccharide conjugates with bead-on-a-string nanostructures as stabilizers of high internal phase emulsions for 3D printing.. <i>Food Chemistry</i> , <b>2022</b> , 388, 133012	8.5	1
8	Broadband self-powered photoelectrochemical photodetector based on Te/Se heterostructure nanocomposites. <i>Composites Communications</i> , <b>2022</b> , 32, 101175	6.7	1
7	Half-wave rectified alternating current electrochemical-assembled devices for high-capacity extraction of Pb <sup>2+</sup> from dilute wastewater. <i>Journal of Cleaner Production</i> , <b>2022</b> , 363, 132531	10.3	1
6	Controlling Heat Release from a Close-Packed Bisazobenzene-Reduced-Graphene-Oxide Assembly Film for High-Energy Solid-State Photothermal Fuels. <i>ChemSusChem</i> , <b>2017</b> , 10, 1302-1302	8.3	0
5	Mixed-Dimensional InSe/Bi Heterojunction Nanostructures for Self-Powered Broadband Photodetectors. <i>ACS Applied Nano Materials</i> ,	5.6	0
4	Patterned Growth: Patterned Growth of P-Type MoS <sub>2</sub> Atomic Layers Using Solid as Precursor (Adv. Funct. Mater. 35/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 6495-6495	15.6	
3	Infrared Adaptive Materials: Beyond the Visible: Bioinspired Infrared Adaptive Materials (Adv. Mater. 14/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170105	24	



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- 1 Controllable construction of a three-dimensional spherical LaFeO<sub>3</sub>/Bi<sub>2</sub>O<sub>3</sub> heterojunction with enhanced photocatalytic ability for tetracycline degradation. *Journal of Nanostructure in Chemistry*, 1 7.6