

# Junwu Zhu

## List of Publications by Year in descending order

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199  
papers

15,168  
citations

24978

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19136

118  
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202  
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202  
docs citations

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times ranked

18400  
citing authors

#	ARTICLE	IF	CITATIONS
1	The construction of hierarchical hollow Double-Shelled Co <sub>3</sub> O <sub>4</sub> for the enhanced thermal decomposition of Ammonium perchlorate. <i>Applied Surface Science</i> , 2022, 571, 151342.	3.1	21
2	PtRu alloy nanoparticles embedded on C <sub>2</sub> N nanosheets for efficient hydrogen evolution reaction in both acidic and alkaline solutions. <i>Chemical Engineering Journal</i> , 2022, 428, 131085.	6.6	19
3	Hydrothermal ion exchange synthesis of CoM(M=Fe or Mn)/MXene 2D/2D hierarchal architectures for enhanced energy storage. <i>Journal of Alloys and Compounds</i> , 2022, 894, 162385.	2.8	15
4	Poly (triazine imide) ligand based 2D metal coordination polymers: Design, synthesis and application in electrocatalytic water oxidation. <i>Electrochimica Acta</i> , 2022, 401, 139463.	2.6	7
5	Stabilizing Layered Structure in Aqueous Electrolyte via Dynamic Water Intercalation/Deintercalation. <i>Advanced Materials</i> , 2022, 34, e2108541.	11.1	22
6	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 2208-2217.	6.6	103
7	Dual-Ion Flux Management for Stable High Areal Capacity Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	14
8	Battery-Driven N <sub>2</sub> Electrolysis Enabled by High-Entropy Catalysts: From Theoretical Prediction to Prototype Model. <i>Small</i> , 2022, 18, e2106358.	5.2	32
9	Precursor-modified strategy to synthesize thin porous amino-rich graphitic carbon nitride with enhanced photocatalytic degradation of RhB and hydrogen evolution performances. <i>Chinese Journal of Catalysis</i> , 2022, 43, 497-506.	6.9	16
10	Copper Azide Nanoparticle-Encapsulating MOF-Derived Porous Carbon: Electrochemical Preparation for High-Performance Primary Explosive Film. <i>Small</i> , 2022, 18, e2107364.	5.2	18
11	Particle-based hematite crystallization is invariant to initial particle morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2112679119.	3.3	9
12	Regulating the transformation behavior of nickel iron metal-organic frameworks through a dual-ligand strategy for enhanced oxygen evolution reaction performance. <i>Applied Surface Science</i> , 2022, 592, 153252.	3.1	18
13	Large-Area Nanosphere Self-Assembly Monolayers for Periodic Surface Nanostructures with Ultrasensitive and Spatially Uniform SERS Sensing. <i>Small</i> , 2022, 18, e2104202.	5.2	24
14	Loofah-like carbon nitride sponge towards the highly-efficient photocatalytic transfer hydrogenation of nitrophenols with water as the hydrogen source. <i>Chemical Engineering Journal</i> , 2022, 444, 136430.	6.6	12
15	Gradient Supramolecular Preorganization Endows the Derived N/P Dual-Doped Carbon Nanosheets with Tunable Storage Performance toward Sodium-Ion Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 6997-7008.	1.8	4
16	A permselective and multifunctional 3D N-doped carbon nanotubes interlayer for high-performance lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2022, 421, 140430.	2.6	15
17	Boosting Alkaline Hydrogen Evolution on Stoichiometric Molybdenum Carbonitride via an Interstitial Vacancy-Elimination Strategy. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	21
18	Energetic properties of copper azide nanoparticles encapsulated within a conductive porous matrix via electrosynthesis. <i>Chemical Engineering Journal</i> , 2022, 450, 138131.	6.6	11

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19	Microwave selective heating ultrafast construction of coral-like TiO <sub>2</sub> -MXene /graphene hybrid architectures for high-performance lithium-ion battery. <i>Journal of Power Sources</i> , 2022, 542, 231738.	4.0	7
20	Identifying electrocatalytic activity and mechanism of Ce <sub>1/3</sub> NbO <sub>3</sub> perovskite for nitrogen reduction to ammonia at ambient conditions. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119419.	10.8	60
21	MXene-based porous and robust 2D/2D hybrid architectures with dispersed Li <sub>3</sub> Ti <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> as superior anodes for lithium-ion battery. <i>Chemical Engineering Journal</i> , 2021, 405, 127049.	6.6	31
22	Recent development and applications of electrical conductive MOFs. <i>Nanoscale</i> , 2021, 13, 485-509.	2.8	95
23	Band Engineering and Morphology Control of Oxygen-Incorporated Graphitic Carbon Nitride Porous Nanosheets for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Nano-Micro Letters</i> , 2021, 13, 48.	14.4	43
24	Strong Chemical Interaction between Lithium Polysulfides and Flame-Retardant Polyphosphazene for Lithium-Sulfur Batteries with Enhanced Safety and Electrochemical Performance. <i>Advanced Materials</i> , 2021, 33, e2007549.	11.1	93
25	Spinel-type FeNi <sub>2</sub> S <sub>4</sub> with rich sulfur vacancies grown on reduced graphene oxide toward enhanced supercapacitive performance. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2271-2279.	3.0	48
26	Evidence of oxygen bubbles forming nanotube embryos in porous anodic oxides. <i>Nanoscale Advances</i> , 2021, 3, 4659-4668.	2.2	42
27	Fabrication of cubic Co <sub>3</sub> O <sub>4</sub> -hexagonal ZnO disk/rGO as a two-phase benzaldehyde sensor via a sequential nucleation strategy. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129384.	4.0	11
28	Ingenious construction of hierarchical spherical nanostructures by in-situ confining Ni-Co-Mn hydroxide nanosheets inside/outside hollow carbon nanospheres for high-performance hybrid supercapacitors. <i>Journal of Energy Storage</i> , 2021, 36, 102380.	3.9	17
29	Efficient Two-Electron Oxygen Reduction to Hydrogen Peroxide Promoted by Ag <sub>7,8</sub> -Tetracyanoquinodimethane Nanodots/Graphene Hydrogel Hybrid Electrocatalysts. <i>ChemistrySelect</i> , 2021, 6, 6450-6453.	0.7	3
30	Atomic-scale regulation of anionic and cationic migration in alkali metal batteries. <i>Nature Communications</i> , 2021, 12, 4184.	5.8	57
31	Construction of triple-shelled hollow nanostructure by confining amorphous Ni-Co-S/crystalline MnS on/in hollow carbon nanospheres for all-solid-state hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 416, 129500.	6.6	60
32	Facet Engineering in Ultrathin Two-Dimensional NiFe Metal-Organic Frameworks by Coordination Modulation for Enhanced Electrocatalytic Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10892-10901.	3.2	34
33	Biomimetic assembly to superplastic metal-organic framework aerogels for hydrogen evolution from seawater electrolysis. <i>Exploration</i> , 2021, 1, 217.	5.4	59
34	Fluorescent nucleotide-lanthanide nanoparticles for highly selective determination of picric acid. <i>Mikrochimica Acta</i> , 2021, 188, 18.	2.5	6
35	Molecular Examination of Ion-Pair Competition in Alkaline Aluminate Solutions Using In Situ Liquid SIMS. <i>Analytical Chemistry</i> , 2021, 93, 1068-1075.	3.2	6
36	Covalently Induced Grafting of C <sub>2</sub> N Nanoflakes onto Reduced Graphene Oxide with Dominant Pseudocapacitive Behaviors for a High-Rate Sodium-Ion Battery Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15946-15956.	3.2	4

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37	Recent advances in the heteroatom doping of perovskite oxides for efficient electrocatalytic reactions. <i>Nanoscale</i> , 2021, 13, 19840-19856.	2.8	36
38	Sacrificial Template Synthesis of Two-Dimensional Few-Layer MoSe <sub>2</sub> Coupled with Nitrogen-Doped Carbon Sheets for High-Performance Sodium Ion Hybrid Capacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 14735-14745.	2.5	6
39	Ultrathin two-dimensional d conjugated coordination polymer Co <sub>3</sub> (hexaaminobenzene) <sub>2</sub> nanosheets for highly efficient oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 369-379.	5.2	50
40	Pressure difference-induced synthesis of P-doped carbon nanobowls for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 385, 123858.	6.6	60
41	Phosphorous/oxygen co-doped mesoporous carbon bowls as sulfur host for high performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2020, 450, 227658.	4.0	25
42	Two-Dimensional Molecular Sheets of Transition Metal Oxides toward Wearable Energy Storage. <i>Accounts of Chemical Research</i> , 2020, 53, 2443-2455.	7.6	25
43	Quantitative Analysis of Oxide Growth During Ti Galvanostatic Anodization. <i>Journal of the Electrochemical Society</i> , 2020, 167, 113501.	1.3	27
44	Debunking the effect of water content on anodizing current: Evidence against the traditional dissolution theory. <i>Electrochemistry Communications</i> , 2020, 119, 106815.	2.3	35
45	Gas expansion-assisted preparation of 3D porous carbon nanosheet for high-performance sodium ion hybrid capacitor. <i>Journal of Power Sources</i> , 2020, 475, 228679.	4.0	34
46	Perfluoroalkyl-Functionalized Covalent Organic Frameworks with Superhydrophobicity for Anhydrous Proton Conduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 14357-14364.	6.6	167
47	Two-dimensional organic-inorganic superlattice-like heterostructures for energy storage applications. <i>Energy and Environmental Science</i> , 2020, 13, 4834-4853.	15.6	64
48	Rotated angular modulated electronic and optical properties of bilayer phosphorene: A first-principles study. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	10
49	Two-Dimensional Nanomesh Arrays as Bifunctional Catalysts for N <sub>2</sub> Electrolysis. <i>ACS Catalysis</i> , 2020, 10, 11371-11379.	5.5	55
50	Task-Specific Synthesis of 3D Porous Carbon Nitrides from the Cycloaddition Reaction and Sequential Self-Assembly Strategy toward Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40433-40442.	4.0	33
51	Dynamic Transformation between Covalent Organic Frameworks and Discrete Organic Cages. <i>Journal of the American Chemical Society</i> , 2020, 142, 21279-21284.	6.6	54
52	Beneficial restacking of 2D nanomaterials for electrocatalysis: a case of MoS <sub>2</sub> membranes. <i>Chemical Communications</i> , 2020, 56, 7005-7008.	2.2	20
53	TiO <sub>2</sub> nanotube arrays with a volume expansion factor greater than 2.0: Evidence against the field-assisted ejection theory. <i>Electrochemistry Communications</i> , 2020, 114, 106717.	2.3	82
54	Dense films formed during Ti anodization in NH <sub>4</sub> F electrolyte: Evidence against the field-assisted dissolution reactions of fluoride ions. <i>Electrochemistry Communications</i> , 2020, 111, 106663.	2.3	95

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55	General synthesis strategy for hollow porous prismatic graphitic carbon nitride: a high-performance photocatalyst for H <sub>2</sub> production and degradation of RhB. <i>Journal of Materials Science</i> , 2020, 55, 6037-6050.	1.7	15
56	Sustainable Electrosynthesis of Porous CuN <sub>3</sub> Films for Functional Energetic Chips. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3969-3975.	3.2	44
57	Growth Model of the Tin Anodizing Process and the Capacitive Performance of Porous Tin Oxides. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3050-3058.	1.5	12
58	Iron-Cluster-Directed Synthesis of 2D/2D Fe-N-C/MXene Superlattice-like Heterostructure with Enhanced Oxygen Reduction Electrocatalysis. <i>ACS Nano</i> , 2020, 14, 2436-2444.	7.3	130
59	Unique hollow-concave CoMoS <sub>x</sub> boxes with abundant mesoporous structure for high-performance hybrid supercapacitors. <i>Electrochimica Acta</i> , 2020, 337, 135824.	2.6	14
60	DFT coupled with NEGF study of the electronic properties and ballistic transport performances of 2D SbSiTe <sub>3</sub> . <i>Nanoscale</i> , 2020, 12, 9958-9963.	2.8	11
61	Hierarchically Structured Two-Dimensional Bimetallic CoNi-Hexaaminobenzene Coordination Polymers Derived from Co(OH) <sub>2</sub> for Enhanced Oxygen Evolution Catalysis. <i>Small</i> , 2020, 16, e1907043.	5.2	32
62	Switchable encapsulation of polysulfides in the transition between sulfur and lithium sulfide. <i>Nature Communications</i> , 2020, 11, 845.	5.8	92
63	Salt-Assisted Synthesis of 3D Porous g-C <sub>3</sub> N <sub>4</sub> as a Bifunctional Photo- and Electrocatalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27226-27232.	4.0	89
64	A safe and efficient liquid-solid synthesis for copper azide films with excellent electrostatic stability. <i>Nano Energy</i> , 2019, 66, 104135.	8.2	56
65	Hexagonal prism arrays constructed using ultrathin porous nanoflakes of carbon doped mixed-valence Co-Mn-Fe phosphides for ultrahigh areal capacitance and remarkable cycling stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4431-4437.	5.2	34
66	2D/2D heterostructures of nickel molybdate and MXene with strong coupled synergistic effect towards enhanced supercapacitor performance. <i>Journal of Power Sources</i> , 2019, 414, 540-546.	4.0	83
67	Scalable synthesis of a foam-like FeS <sub>2</sub> nanostructure by a solution combustion-sulfurization process for high-capacity sodium-ion batteries. <i>Nanoscale</i> , 2019, 11, 178-184.	2.8	40
68	Grinding-assistant synthesis to basic bismuth nitrates and their photocatalytic properties. <i>Materials Science in Semiconductor Processing</i> , 2019, 101, 183-190.	1.9	10
69	Labyrinth-inspired nitrogen-sulfur co-doped reduced holey graphene oxide/carbonized cellulose paper: A permselective and multifunctional interlayer for high-performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2019, 434, 226728.	4.0	39
70	Catalytic hydrogenation of p-nitrophenol using a metal-free catalyst of porous crimped graphitic carbon nitride. <i>Applied Surface Science</i> , 2019, 480, 888-895.	3.1	41
71	Partial decomposition of NaBiO <sub>3</sub> to $\bar{\Gamma}$ -Bi <sub>2</sub> O <sub>3</sub> /NaBiO <sub>3</sub> and $\hat{\Gamma}$ -Bi <sub>2</sub> O <sub>3</sub> /NaBiO <sub>3</sub> heterojunctions in aqueous HAc solution respectively with good adsorption ability and photocatalytic performance. <i>Materials Chemistry and Physics</i> , 2019, 229, 6-14.	2.0	12
72	In-situ synthesis of MnCo <sub>2</sub> O <sub>4.5</sub> nanosheets on reduced graphene oxide for a great promotion in the thermal decomposition of ammonium perchlorate. <i>Applied Surface Science</i> , 2019, 483, 496-505.	3.1	63

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73	MnO <sub>2</sub> based sandwich structure electrode for supercapacitor with large voltage window and high mass loading. Chemical Engineering Journal, 2019, 368, 525-532.	6.6	72
74	Two-dimensional transition metal diborides: promising Dirac electrocatalysts with large reaction regions toward efficient N <sub>2</sub> fixation. Journal of Materials Chemistry A, 2019, 7, 25887-25893.	5.2	45
75	Rambutan-Like Hybrid Hollow Spheres of Carbon Confined Co <sub>3</sub> O <sub>4</sub> Nanoparticles as Advanced Anode Materials for Sodium-Ion Batteries. Advanced Functional Materials, 2019, 29, 1807377.	7.8	89
76	Ultrathin sheetlike BiOAc <sub>0.67</sub> IO <sub>0.33</sub> solid solution with optimal energy levels and enhanced visible-light photocatalytic activity. Catalysis Communications, 2019, 119, 82-85.	1.6	8
77	2D Fe-containing cobalt phosphide/cobalt oxide lateral heterostructure with enhanced activity for oxygen evolution reaction. Nano Energy, 2019, 56, 109-117.	8.2	223
78	Fe <sub>3</sub> O <sub>4</sub> -CoP Nanoflowers Vertically Grown on TiN Nanoarrays as Efficient and Stable Electrocatalysts for Overall Water Splitting. ACS Applied Nano Materials, 2019, 2, 40-47.	2.4	34
79	An in situ annealing route to [Bi <sub>6</sub> O <sub>6</sub> (OH) <sub>2</sub> ](NO <sub>3</sub> ) <sub>4</sub> ·2H <sub>2</sub> O/g-C <sub>3</sub> N <sub>4</sub> heterojunction and its visible-light-driven photocatalytic performance. Materials Research Bulletin, 2018, 101, 272-279.	2.7	15
80	Yolk-shell-structured MnO <sub>2</sub> microspheres with oxygen vacancies for high-performance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 1601-1611.	5.2	135
81	Ultrathin molybdenum disulfide/carbon nitride nanosheets with abundant active sites for enhanced hydrogen evolution. Nanoscale, 2018, 10, 1766-1773.	2.8	57
82	Surface pore-containing NiCo <sub>2</sub> O <sub>4</sub> nanobelts with preferred (311) plane supported on reduced graphene oxide: A high-performance anode material for lithium-ion batteries. Electrochimica Acta, 2018, 271, 137-145.	2.6	38
83	Design and fabrication of highly open nickel cobalt sulfide nanosheets on Ni foam for asymmetric supercapacitors with high energy density and long cycle-life. Journal of Power Sources, 2018, 378, 31-39.	4.0	115
84	The enhanced adhesion between overlong TiN <sub>x</sub> O <sub>y</sub> /MnO <sub>2</sub> nanoarrays and Ti substrate: Towards flexible supercapacitors with high energy density and long service life. Nano Energy, 2018, 43, 91-102.	8.2	48
85	Metal-Cluster-Directed Surface Charge Manipulation of Two-Dimensional Nanomaterials for Efficient Urea Electrocatalytic Conversion. ACS Applied Nano Materials, 2018, 1, 6649-6655.	2.4	11
86	CoSe <sub>2</sub> -Decorated NbSe <sub>2</sub> Nanosheets Fabricated via Cation Exchange for Li Storage. ACS Applied Materials & Interfaces, 2018, 10, 37773-37778.	4.0	18
87	Hollow mesoporous carbon spheres enwrapped by small-sized and ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitors. Journal of Power Sources, 2018, 402, 43-52.	4.0	44
88	A facile solvent regulated method for phase control of two-dimensional nickel-cobalt hydroxide nanosheets: Towards improved performance hybrid supercapacitors. Materials Chemistry and Physics, 2018, 218, 172-181.	2.0	13
89	Milling-Induced Synthesis of BiOCl·Br Solid Solution and Their Adsorptive and Photocatalytic Performance. Photochemistry and Photobiology, 2018, 94, 942-954.	1.3	12
90	Synthesis of nanosheet-based hierarchical BiO <sub>2</sub> microtubes and its photocatalytic performance. Applied Surface Science, 2018, 455, 616-621.	3.1	26



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91	Biomass-derived C/N co-doped Ni(OH) <sub>2</sub> /Ni <sub>x</sub> S <sub>y</sub> with a sandwich structure for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17417-17425.	5.2	37
92	An ion exchange strategy to BiOI/CH <sub>3</sub> COO(BiO) heterojunction with enhanced visible-light photocatalytic activity. <i>Applied Surface Science</i> , 2017, 403, 103-111.	3.1	30
93	Synthesis of Unique Flowerlike Bi <sub>2</sub> O <sub>2</sub> (OH)(NO <sub>3</sub> ) Hierarchical Microstructures with High Surface Area and Superior Photocatalytic Performance. <i>Chemistry - A European Journal</i> , 2017, 23, 3891-3897.	1.7	47
94	Room-temperature synthesis of BiOCl and (BiO) <sub>2</sub> CO <sub>3</sub> with predominant {001} facets induced by urea and their photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 987-994.	3.3	15
95	High-Performance 2.6 V Aqueous Asymmetric Supercapacitors based on In Situ Formed Na <sub>0.5</sub> MnO <sub>2</sub> Nanosheet Assembled Nanowall Arrays. <i>Advanced Materials</i> , 2017, 29, 1700804.	11.1	526
96	Two basic bismuth nitrates: [Bi <sub>6</sub> O <sub>6</sub> (OH) <sub>2</sub> ](NO <sub>3</sub> ) <sub>4</sub> ·2H <sub>2</sub> O with superior photodegradation activity for rhodamine B and [Bi <sub>6</sub> O <sub>5</sub> (OH) <sub>3</sub> ](NO <sub>3</sub> ) <sub>5</sub> ·3H <sub>2</sub> O with ultrahigh adsorption capacity for methyl orange. <i>Applied Surface Science</i> , 2017, 422, 283-294.	3.1	35
97	One-pot synthesis of 3D hierarchical Bi <sub>2</sub> S <sub>3</sub> /(BiO) <sub>2</sub> CO <sub>3</sub> hollow microspheres at room temperature and their photocatalytic performance. <i>Materials Chemistry and Physics</i> , 2017, 187, 72-81.	2.0	19
98	Construction of N-doped carbon@MoSe <sub>2</sub> core/branch nanostructure via simultaneous formation of core and branch for high-performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 256, 19-27.	2.6	32
99	NbS <sub>2</sub> Nanosheets with M/Se (M = Fe, Co, Ni) Codopants for Li <sup>+</sup> and Na <sup>+</sup> Storage. <i>ACS Nano</i> , 2017, 11, 10599-10607.	7.3	95
100	From understanding the formation mechanism to enhanced supercapacitor performance of VSB-5 with a hierarchical structure. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16898-16906.	5.2	11
101	Carbon-Induced Generation of Hierarchical Structured Ni <sub>0.75</sub> Co <sub>0.25</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub> for Enhanced Supercapacitor Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44441-44451.	4.0	39
102	One-step solvothermal synthesis of spherical spinel type NiFe <sub>2</sub> xMnxO <sub>4</sub> -RGO as high-performance supercapacitor electrodes. <i>Ceramics International</i> , 2017, 43, 2226-2232.	2.3	14
103	Enhanced electrochemical properties of pseudocapacitor with Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> NPs as electrodes. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 403-408.	1.2	10
104	Reduction of nitrophenols to aminophenols under concerted catalysis by Au/g-C <sub>3</sub> N <sub>4</sub> contact system. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 430-437.	10.8	253
105	A facile and rapid room-temperature route to hierarchical bismuth oxyhalide solid solutions with composition-dependent photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2016, 477, 25-33.	5.0	27
106	Effect of the counter ions on composition and morphology of bismuth oxyhalides and their photocatalytic performance. <i>Chemical Engineering Journal</i> , 2016, 299, 217-226.	6.6	48
107	High capacity supercapacitor material based on reduced graphene oxide loading mesoporous murdochite-type Ni <sub>6</sub> MnO <sub>8</sub> nanospheres. <i>Electrochimica Acta</i> , 2016, 219, 284-294.	2.6	22
108	Mesoporous transition metal oxides quasi-nanospheres with enhanced electrochemical properties for supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 73-83.	5.0	35

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109	Self-assembly of (NH <sub>4</sub> ) <sub>0.3</sub> TiO <sub>1.1</sub> F <sub>2.1</sub> crystal by dinitrogen fixation as a precursor of N-doped TiO <sub>2</sub> nanosheets. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	3
110	Cobalt Sulfide/Graphene Composite Hydrogel as Electrode for High-Performance Pseudocapacitors. <i>Scientific Reports</i> , 2016, 6, 21717.	1.6	105
111	One-Step Synthesis of Bi <sub>2</sub> S <sub>3</sub> /BiOX and Bi <sub>2</sub> S <sub>3</sub> /(BiO) <sub>2</sub> CO <sub>3</sub> Heterojunction Photocatalysts by Using Aqueous Thiourea Solution as Both Solvent and Sulfur Source. <i>ChemistrySelect</i> , 2016, 1, 6136-6145.	0.7	9
112	A simple grinding-calcination approach to prepare the Co <sub>3</sub> O <sub>4</sub> –In <sub>2</sub> O <sub>3</sub> heterojunction structure with high-performance gas-sensing property toward ethanol. <i>RSC Advances</i> , 2016, 6, 105262-105269.	1.7	17
113	Graphene-based cobalt sulfide composite hydrogel with enhanced electrochemical properties for supercapacitors. <i>New Journal of Chemistry</i> , 2016, 40, 2843-2849.	1.4	49
114	Recent advances in graphene-based hybrid nanostructures for electrochemical energy storage. <i>Nanoscale Horizons</i> , 2016, 1, 340-374.	4.1	92
115	Self-standing porous LiMn <sub>2</sub> O <sub>4</sub> nanowall arrays as promising cathodes for advanced 3D microbatteries and flexible lithium-ion batteries. <i>Nano Energy</i> , 2016, 22, 475-482.	8.2	166
116	Halogen-directed nucleation and growth of Bi <sub>2</sub> O <sub>3</sub> columnar hierarchitectures. <i>Materials Research Bulletin</i> , 2016, 76, 222-228.	2.7	14
117	Well-dispersed ultrafine nitrogen-doped TiO <sub>2</sub> with polyvinylpyrrolidone (PVP) acted as N-source and stabilizer for water splitting. <i>Journal of Energy Chemistry</i> , 2016, 25, 1-9.	7.1	28
118	Synthesis of Bi <sub>2</sub> O <sub>3</sub> microflowers and nanosheets using CH <sub>3</sub> COO(BiO) self-sacrifice precursor. <i>Materials Letters</i> , 2016, 162, 218-221.	1.3	47
119	A controllable synthetic route for preparing graphene-Cu and graphene-Cu <sub>2</sub> O nanocomposites using graphene oxide-Cu <sub>2</sub> O as a precursor. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 947-950.	0.4	1
120	Synthesis of ZnO–Ag Hybrids and Their Gas-Sensing Performance toward Ethanol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 8947-8953.	1.8	70
121	Synthesis of CdS multipods from cadmium xanthate in ethylenediamine solution. <i>Particuology</i> , 2015, 19, 45-52.	2.0	7
122	Synthesis of Fe <sub>2</sub> O <sub>3</sub> with the aid of graphene and its gas-sensing property to ethanol. <i>Ceramics International</i> , 2015, 41, 6978-6984.	2.3	18
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