

Xijin Xu

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41
h-index

67
g-index

130
ext. papers

6,293
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
126	Ultrathin and Porous Ni ₃ S ₂ /CoNi ₂ S ₄ 3D-Network Structure for Superhigh Energy Density Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , 2017 , 7, 1700983	21.8	370
125	Formation of Fe ₃ O ₄ @MnO ₂ ball-in-ball hollow spheres as a high performance catalyst with enhanced catalytic performances. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1414-1422	13	211
124	Flexible and high energy density asymmetrical supercapacitors based on core/shell conducting polymer nanowires/manganese dioxide nanoflakes. <i>Nano Energy</i> , 2017 , 35, 242-250	17.1	189
123	Surface/Interfacial Structure and Chemistry of High-Energy Nickel-Rich Layered Oxide Cathodes: Advances and Perspectives. <i>Small</i> , 2017 , 13, 1701802	11	173
122	One-pot Synthesis of CdS Irregular Nanospheres Hybridized with Oxygen-Incorporated Defect-Rich MoS Ultrathin Nanosheets for Efficient Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 23635-23646	9.5	151
121	Core-shell and concentration-gradient cathodes prepared via co-precipitation reaction for advanced lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4254-4279	13	136
120	Ultrathin g-C ₃ N ₄ nanosheets coupled with amorphous Cu-doped FeOOH nanoclusters as 2D/0D heterogeneous catalysts for water remediation. <i>Environmental Science: Nano</i> , 2018 , 5, 1179-1190	7.1	131
119	Unexpected ultrafast and high adsorption capacity of oxygen vacancy-rich WO _x /C nanowire networks for aqueous Pb ²⁺ and methylene blue removal. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 15913-15922	13.15922	118
118	Rice husks as a sustainable silica source for hierarchical flower-like metal silicate architectures assembled into ultrathin nanosheets for adsorption and catalysis. <i>Journal of Hazardous Materials</i> , 2017 , 321, 92-102	12.8	114
117	Stabilizing the Electrode/Electrolyte Interface of LiNiCoAlO through Tailoring Aluminum Distribution in Microspheres as Long-Life, High-Rate, and Safe Cathode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29643-29653	9.5	113
116	Constructing electrostatic self-assembled 2D/2D ultra-thin ZnIn ₂ S ₄ /protonated g-C ₃ N ₄ heterojunctions for excellent photocatalytic performance under visible light. <i>Applied Catalysis B: Environmental</i> , 2019 , 256, 117862	21.8	104
115	Engineering of Z-scheme 2D/3D architectures with Ni(OH) ₂ on 3D porous g-C ₃ N ₄ for efficiently photocatalytic H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2019 , 258, 117997	21.8	104
114	Hybrid 0D-2D Nanoheterostructures: In Situ Growth of Amorphous Silver Silicates Dots on g-CN Nanosheets for Full-Spectrum Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 35138-35149	9.5	100
113	Morphology-modulation of SnO ₂ hierarchical architectures by Zn doping for glycol gas sensing and photocatalytic applications. <i>Scientific Reports</i> , 2015 , 5, 7874	4.9	92
112	NiCoO ₂ Based Supercapacitor Nanomaterials. <i>Nanomaterials</i> , 2017 , 7,	5.4	91
111	Construction of Longan-like hybrid structures by anchoring nickel hydroxide on yolk-shell polypyrrole for asymmetric supercapacitors. <i>Nano Energy</i> , 2019 , 56, 207-215	17.1	91
110	Fabrication of ZnO/ZnFe ₂ O ₄ hollow nanocages through metal organic frameworks route with enhanced gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 27-33	8.5	90

109	Hierarchical CuCo ₂ O ₄ @nickel-cobalt hydroxides core/shell nanoarchitectures for high-performance hybrid supercapacitors. <i>Science Bulletin</i> , 2017 , 62, 1122-1131	10.6	90
108	Oxygen vacancy defects engineering on Ce-doped Fe ₂ O ₃ gas sensor for reducing gases. <i>Sensors and Actuators B: Chemical</i> , 2020 , 302, 127165	8.5	90
107	Hierarchical Ni-Co-S@Ni-W-O core-shell nanosheet arrays on nickel foam for high-performance asymmetric supercapacitors. <i>Nano Research</i> , 2018 , 11, 1415-1425	10	82
106	Three-Dimensional Hierarchical g-CN Architectures Assembled by Ultrathin Self-Doped Nanosheets: Extremely Facile Hexamethylenetetramine Activation and Superior Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2050-2059	9.5	81
105	3D Sulfur and Nitrogen Codoped Carbon Nanofiber Aerogels with Optimized Electronic Structure and Enlarged Interlayer Spacing Boost Potassium-Ion Storage. <i>Small</i> , 2019 , 15, e1900816	11	71
104	Dual-functional NiCo ₂ S ₄ polyhedral architecture with superior electrochemical performance for supercapacitors and lithium-ion batteries. <i>Science Bulletin</i> , 2020 , 65, 443-451	10.6	69
103	MOF-derived CoN/N-C@SiO ₂ yolk-shell nanoreactor with dual active sites for highly efficient catalytic advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2020 , 381, 122670	14.7	65
102	Facile synthesis of MoO ₂ nanoparticles as high performance supercapacitor electrodes and photocatalysts. <i>Ceramics International</i> , 2016 , 42, 2198-2203	5.1	56
101	Low-temperature solution synthesis of CuO/Cu ₂ O nanostructures for enhanced photocatalytic activity with added H ₂ O ₂ : synergistic effect and mechanism insight. <i>RSC Advances</i> , 2017 , 7, 4329-4338	3.7	53
100	A 3D titanate aerogel with cellulose as the adsorption-aggregator for highly efficient water purification. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5813-5819	13	52
99	One-Step Synthesis of 3D Network-like Ni ₃ Co _{1-x} MoO ₄ Porous Nanosheets for High Performance Battery-type Hybrid Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10139-10147	8.3	51
98	Nickel/cobalt based materials for supercapacitors. <i>Chinese Chemical Letters</i> , 2018 , 29, 1731-1740	8.1	50
97	A stable layered P ₃ /P ₂ and spinel intergrowth nanocomposite as a long-life and high-rate cathode for sodium-ion batteries. <i>Nanoscale</i> , 2018 , 10, 6671-6677	7.7	49
96	Synthesis of Z-scheme g-C ₃ N ₄ nanosheets/Ag ₃ PO ₄ photocatalysts with enhanced visible-light photocatalytic performance for the degradation of tetracycline and dye. <i>Chinese Chemical Letters</i> , 2020 , 31, 71-76	8.1	49
95	Morphology-controlled syntheses of MnO ₂ for electrochemical energy storage. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 15235-43	3.6	48
94	Uniform P doped Co-Ni-S nanostructures for asymmetric supercapacitors with ultra-high energy densities. <i>Nanoscale</i> , 2019 , 11, 688-697	7.7	47
93	Hierarchically hollow structured NiCoS@NiS for high-performance flexible hybrid supercapacitors. <i>Nanoscale</i> , 2020 , 12, 4686-4694	7.7	46
92	Hedgehog-inspired nanostructures for hydrogel-based all-solid-state hybrid supercapacitors with excellent flexibility and electrochemical performance. <i>Nanoscale</i> , 2018 , 10, 19004-19013	7.7	46

91	Nickel-cobalt based aqueous flexible solid state supercapacitors with high energy density by controllable surface modification. <i>Journal of Power Sources</i> , 2019 , 427, 56-61	8.9	45
90	Constructing the novel ultrafine amorphous iron oxyhydroxide/g-CN nanosheets heterojunctions for highly improved photocatalytic performance. <i>Scientific Reports</i> , 2017 , 7, 8686	4.9	45
89	ZIF-67 derived hollow Ni-Co-Se nano-polyhedrons for flexible hybrid supercapacitors with remarkable electrochemical performances. <i>Chinese Chemical Letters</i> , 2020 , 31, 2007-2012	8.1	44
88	Implanting FeCo/C nanocages with tunable electromagnetic parameters in anisotropic wood carbon aerogels for efficient microwave absorption. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18863-18871	12.1	44
87	Recent advances in the improvement of g-C3N4 based photocatalytic materials. <i>Chinese Chemical Letters</i> , 2021 , 32, 13-20	8.1	43
86	Controlled assembly of Bi2S3 architectures as Schottky diode, supercapacitor electrodes and highly efficient photocatalysts. <i>RSC Advances</i> , 2014 , 4, 41636-41641	3.7	42
85	Improving Li+ Kinetics and Structural Stability of Nickel-Rich Layered Cathodes by Heterogeneous Inactive-Al3+ Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5653-5661	8.3	40
84	Rare earth ion doped phosphors for dye-sensitized solar cells applications. <i>RSC Advances</i> , 2016 , 6, 17546-17559	3.9	39
83	ZnO@CdS Core-Shell Heterostructures: Fabrication, Enhanced Photocatalytic, and Photoelectrochemical Performance. <i>Nanoscale Research Letters</i> , 2016 , 11, 205	5	39
82	Highly sensitive and low working temperature detection of trace triethylamine based on TiO2 nanoparticles decorated CuO nanosheets sensors. <i>Sensors and Actuators B: Chemical</i> , 2019 , 301, 127019	8.5	38
81	One-pot synthesis of Zn-doped SnO2 nanosheet-based hierarchical architectures as a glycol gas sensor and photocatalyst. <i>CrystEngComm</i> , 2015 , 17, 4394-4401	3.3	38
80	New 2D Carbon Nitride Organic Materials Synthesis with Huge-Application Prospects in CN Photocatalyst. <i>Small</i> , 2018 , 14, e1704138	11	38
79	One-pot hydrothermal synthesis of CdS decorated CuS microflower-like structures for enhanced photocatalytic properties. <i>Scientific Reports</i> , 2017 , 7, 3877	4.9	36
78	Reduced interfacial recombination in dye-sensitized solar cells assisted with NiO:Eu(3+),Tb(3+) coated TiO2 film. <i>Scientific Reports</i> , 2016 , 6, 31123	4.9	35
77	Constructing highly dispersed 0D Co3S4 quantum dots/2D g-C3N4 nanosheets nanocomposites for excellent photocatalytic performance. <i>Science Bulletin</i> , 2019 , 64, 1510-1517	10.6	35
76	MoO2 nanoparticles grown on carbon fibers as anode materials for lithium-ion batteries. <i>Ceramics International</i> , 2017 , 43, 760-765	5.1	35
75	SnO2-Based Nanomaterials: Synthesis and Application in Lithium-Ion Batteries and Supercapacitors. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-15	3.2	35
74	2D New Nonmetal Photocatalyst of Sulfur-Doped h-BN Nanosheets with High Photocatalytic Activity. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900062	4.6	34

73	Enhanced Photocatalytic Activity of TiO ₂ Nanorod Arrays Decorated with CdSe Using an Upconversion TiO ₂ :Yb ³⁺ ,Er ³⁺ Thin Film. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 659-665	3.9	34
72	Hierarchical flowerlike metal/metal oxide nanostructures derived from layered double hydroxides for catalysis and gas sensing. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23999-24010	13	32
71	Biocarbon based template synthesis of uniform lamellar MoS ₂ nanoflowers with excellent energy storage performance in lithium-ion battery and supercapacitors. <i>Electrochimica Acta</i> , 2020 , 331, 135262	6.7	31
70	Effects of architectures and H ₂ O ₂ additions on the photocatalytic performance of hierarchical Cu ₂ O nanostructures. <i>Nanoscale Research Letters</i> , 2015 , 10, 8	5	30
69	Synthesis of Zn-doped In ₂ O ₃ nano sphere architectures as a triethylamine gas sensor and photocatalytic properties. <i>RSC Advances</i> , 2016 , 6, 89847-89854	3.7	29
68	In-situ synthesis of amorphous silver silicate/carbonate composites for selective visible-light photocatalytic decomposition. <i>Scientific Reports</i> , 2017 , 7, 15001	4.9	28
67	Design of p-n homojunctions in metal-free carbon nitride photocatalyst for overall water splitting. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 501-509	11.3	28
66	Construction of ZnCo ₂ S ₄ @Ni(OH) ₂ core-shell nanostructures for asymmetric supercapacitors with high energy densities. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 2135-2141	6.8	25
65	Cellulose Fibers Constructed Convenient Recyclable 3D Graphene-Formicary-like BiO Aerogels for the Selective Capture of Iodide. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 20554-20560	9.5	24
64	Liquid Phase Exfoliation of MoS ₂ Assisted by Formamide Solvothermal Treatment and Enhanced Electrocatalytic Activity Based on (H ₃ Mo ₁₂ O ₄₀ P/MoS ₂) _n Multilayer Structure. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5227-5237	8.3	24
63	Metal-Free Graphitic Carbon Nitride Photocatalyst Goes Into Two-Dimensional Time. <i>Frontiers in Chemistry</i> , 2018 , 6, 551	5	24
62	A high energy-density P2-Na[NiCoMn]O cathode with mitigated P2-O2 transition for sodium-ion batteries. <i>Nanoscale</i> , 2019 , 11, 2787-2794	7.7	23
61	In situ growth of metallic Ag intercalated CoAl layered double hydroxides as efficient electrocatalysts for the oxygen reduction reaction in alkaline solutions. <i>Dalton Transactions</i> , 2019 , 48, 1084-1094	4.3	23
60	One-Step Solvothermal Method to Prepare Ag/Cu ₂ O Composite With Enhanced Photocatalytic Properties. <i>Nanoscale Research Letters</i> , 2016 , 11, 29	5	23
59	Anodic formation of anatase TiO ₂ nanotubes with rod-formed walls for photocatalysis and field emitters. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 16371-6	3.6	23
58	Metal-organic framework derived NiCoP hollow polyhedrons electrocatalyst for pH-universal hydrogen evolution reaction. <i>Chinese Chemical Letters</i> , 2021 , 32, 119-124	8.1	23
57	Ultraviolet photodetector based on heterojunction of n-ZnO microwire/p-GaN film. <i>RSC Advances</i> , 2015 , 5, 908-912	3.7	22
56	Multishell Precursors Facilitated Synthesis of Concentration-Gradient Nickel-Rich Cathodes for Long-Life and High-Rate Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24508-24515	9.5	22

- 55 Mitigating the P2D2 phase transition of high-voltage P2-Na_{2/3}[Ni_{1/3}Mn_{2/3}]O₂ cathodes by cobalt gradient substitution for high-rate sodium-ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 4705-4713 13 21
- 54 Three-Dimensionally Porous NiCo₂O₄ Nanoneedle Arrays for High Performance Supercapacitor. *Science of Advanced Materials*, **2016**, 8, 1298-1304 2.3 18
- 53 Moss-like nickel-cobalt phosphide nanostructures for highly flexible all-solid-state hybrid supercapacitors with excellent electrochemical performances. *Applied Materials Today*, **2020**, 20, 100713 6.6 17
- 52 Nickel-cobalt double oxides with rich oxygen vacancies by B-doping for asymmetric supercapacitors with high energy densities. *Applied Surface Science*, **2020**, 512, 145621 6.7 17
- 51 Construction of hierarchical Co-Ni-S nanosheets as free-standing electrode for superior-performance asymmetric supercapacitors. *Applied Surface Science*, **2019**, 470, 792-799 6.7 17
- 50 Ag nanoparticles anchored NiO/GO composites for enhanced capacitive performance. *Ceramics International*, **2016**, 42, 12644-12650 5.1 15
- 49 Construction of 3DOM Carbon Nitrides with Quasi-Honeycomb Structures for Efficient Photocatalytic H₂ Production. *ChemCatChem*, **2018**, 10, 5656-5664 5.2 15
- 48 Controlled Synthesis of Hollow γ -FeO Microspheres Assembled With Ionic Liquid for Enhanced Visible-Light Photocatalytic Activity. *Frontiers in Chemistry*, **2019**, 7, 58 5 14
- 47 Improving the photovoltaic performance of dye sensitized solar cells based on a hierarchical structure with up/down converters. *RSC Advances*, **2016**, 6, 11880-11887 3.7 14
- 46 Fabrication of Hierarchical ZnO@NiO Core-Shell Heterostructures for Improved Photocatalytic Performance. *Nanoscale Research Letters*, **2018**, 13, 260 5 14
- 45 High-rate and long-life lithium-ion batteries coupling surface-Al³⁺-enriched LiNi_{0.7}Co_{0.15}Mn_{0.15}O₂ cathode with porous Li₄Ti₅O₁₂ anode. *Chemical Engineering Journal*, **2019**, 378, 122057 14.7 13
- 44 Hollow polyhedron structure of amorphous Ni-Co-S/Co(OH)₂ for high performance supercapacitors. *Chinese Chemical Letters*, **2021**, 32, 2453-2458 8.1 13
- 43 Design of nickel cobalt molybdate regulated by boronizing for high-performance supercapacitor applications. *Nanoscale*, **2020**, 12, 17849-17857 7.7 12
- 42 Performance Improvements of Cobalt Oxide Cathodes for Rechargeable Lithium Batteries. *ChemBioEng Reviews*, **2018**, 5, 111-118 5.2 11
- 41 Cocatalysts from types, preparation to applications in the field of photocatalysis. *Nanoscale*, **2021**, 13, 10649-10667 7.7 11
- 40 Modified CoN by B-doping for high-performance hybrid supercapacitors. *Nanoscale*, **2020**, 12, 18400-18408 7.8 10
- 39 Booting the electrochemical properties of Fe-based anode by the formation multiphasic nanocomposite for lithium-ion batteries. *Chinese Chemical Letters*, **2021**, 32, 2169-2173 8.1 10
- 38 Hierarchical multi-active component yolk-shell nanoreactors as highly active peroxymonosulfate activator for ciprofloxacin degradation. *Journal of Colloid and Interface Science*, **2022**, 605, 766-778 9.3 10

37	Designing flexible asymmetric supercapacitor with high energy density by electrode engineering and charge matching mechanism. <i>Chemical Engineering Journal</i> , 2022 , 429, 132406	14.7	10
36	A Mini Review of the Preparation and Photocatalytic Properties of Two-Dimensional Materials. <i>Frontiers in Chemistry</i> , 2020 , 8, 582146	5	9
35	Enhanced formaldehyde gas sensing performance of ternary CuBi ₂ O ₄ oxides through oxygen vacancy manipulation and surface platinum decoration. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130190	8.5	9
34	High-performance UV photodetectors and temperature-dependent photoluminescence of individual ZnO hexagonal-prism microwire. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 118, 1267-1271	2.6	8
33	A new CoO/Co ₂ B/rGO nanocomposite anode with large capacitive contribution for high-efficiency and durable lithium storage. <i>Applied Surface Science</i> , 2020 , 508, 144698	6.7	8
32	Improvement of nickel-cobalt-based supercapacitors energy storage performance by modification of elements. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 712-720	9.3	8
31	Green Construction of an Oil-Water Separator at Room Temperature and Its Promotion to an Adsorption Membrane. <i>Langmuir</i> , 2019 , 35, 11071-11079	4	6
30	Preparation of Low-Dimensional Bismuth Tungstate (Bi ₂ WO ₆) Photocatalyst by Electrospinning. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019 , 216, 1900035	1.6	5
29	Hybrid nanostructures of TiO ₂ nanorod array/Cu ₂ O with a CH ₃ NH ₃ PbI ₃ interlayer for enhanced photocatalytic activity and photoelectrochemical performance. <i>RSC Advances</i> , 2016 , 6, 57695-57700	3.7	5
28	A Carbon-Free Li ₂ TiO ₃ /Li ₂ MnTi ₃ O ₈ (M=Zn ^{1/3} Co ^{2/3}) Nanocomposite as High-Rate and Long-Life Anode for Lithium-Ion Batteries. <i>Energy Technology</i> , 2019 , 7, 1800960	3.5	5
27	Suppressed Dissolution and Enhanced Desolvation in Core-Shell MoO ₃ @TiO ₂ Nanorods as a High-Rate and Long-Life Anode Material for Proton Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 2200157	21.8	5
26	Synthesis of multishelled SnO _x /Co ₃ O ₄ amorphous/crystalline heterophase with galvanic replacement reaction for superior HCHO sensing. <i>Sensors and Actuators B: Chemical</i> , 2022 , 350, 130876	8.5	4
25	Is glutamate associated with fear extinction and cognitive behavior therapy outcome in OCD? A pilot study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020 , 270, 1003-1014	5.1	4
24	Why the hydrothermal fluorinated method can improve photocatalytic activity of carbon nitride. <i>Chinese Chemical Letters</i> , 2021 , 32, 277-281	8.1	4
23	Hyperpolarizability calculation and kinetic effect of impurities on LVP. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 378-82	4.4	3
22	Enhanced Dye-Sensitized Solar Cell Efficiency by Insertion of a H ₃ PW ₁₂ O ₄₀ Layer Between the Transparent Conductive Oxide Layer and the Compact TiO ₂ Layer. <i>Science of Advanced Materials</i> , 2018 , 10, 867-871	2.3	3
21	Design of Multilayered Porous Aluminum Nitride for Supercapacitor Applications. <i>Energy & Fuels</i> , 2021 , 35, 12628-12636	4.1	3
20	Dopant and Defect Doubly Modified CeO ₂ /g-C ₃ N ₄ Nanosheets as 0D/2D Z-Scheme Heterojunctions for Photocatalytic Hydrogen Evolution: Experimental and Density Functional Theory Studies. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 11479-11492	8.3	3

19	Ether-Water Hybrid Electrolyte Contributing to Excellent Mg Ion Storage in Layered Sodium Vanadate.. <i>ACS Nano</i> , 2022 ,	16.7	3
18	Endowing graphene with superior cation/anion co-purification and visible photocatalysis performances by in situ deposition of silver compounds. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20903-20910 ²	13.3	2
17	Metal Oxide Heterostructures for Water Purification. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-2	3.2	2
16	Self-Assembly of Semiconductor Metal Oxide Nanostructures. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-2	3.2	2
15	2D WS2 co-catalysts induce the growth of CdS and enhance the photocatalytic performance. <i>CrystEngComm</i> , 2021 , 23, 4451-4458	3.3	2
14	Interface morphology and DFT computation of L-valinium fumarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt B, 162-7	4.4	1
13	Enhanced Photovoltaic Properties of Dye Sensitized Solar Cells by Using Ag Nanowires@TiO2 Composite Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 8981-8986	1.3	1
12	Semiconductor Nanomaterials for Energy Conversion and Storage. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-2	3.2	1
11	Suppressing the P2 ₇ O ₂ phase transformation and Na/vacancy ordering of high-voltage manganese-based P2-type cathode by cationic codoping. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 752-752	9.3	1
10	Towards advanced aqueous zinc battery by exploiting synergistic effects between crystalline phosphide and amorphous phosphate. <i>Nanoscale</i> , 2021 , 13, 18586-18595	7.7	1
9	Rational construction of phosphate layer to optimize Cu-regulated Fe ₃ O ₄ as anode material with promoted energy storage performance for rechargeable Ni-Fe batteries. <i>Journal of Materials Science and Technology</i> , 2021 , 108, 133-133	9.1	1
8	Construction of cobalt nanoparticles decorated intertwined N-doped carbon nanotube clusters with dual active sites for highly effective 4-nitrophenol reduction. <i>Journal of Alloys and Compounds</i> , 2021 , 858, 158287	5.7	1
7	New Properties of Two-Dimensional Materials: Highly Effective Thermal Catalytic Degradation Activity. <i>ChemistrySelect</i> , 2018 , 3, 10133-10138	1.8	1
6	Defect engineering in Co-doped Ni ₃ S ₂ nanosheets as cathode for high-performance aqueous zinc ion battery. <i>Journal of Materials Science and Technology</i> , 2022 , 118, 190-198	9.1	1
5	An electrochemical activation strategy boosted alkaline Zinc-ion battery with Ultra-high energy density.. <i>Journal of Colloid and Interface Science</i> , 2022 , 615, 293-301	9.3	0
4	Engineering interfacial coupling between 3D net-like Ni(VO) ultrathin nanosheets and MoS on carbon fiber cloth for boosting hydrogen evolution reaction.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 336-345	9.3	0
3	Constructing CuBi ₂ O ₄ /Ag ₃ PO ₄ Photocatalyst with Improved Photocatalytic Performance for the Degradation of Tetracycline under Visible-Light Irradiation. <i>ChemistrySelect</i> , 2021 , 6, 7062-7067	1.8	0
2	Growth mechanism, electronic spectral investigation and molecular orbital studies of L-prolinium phosphate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 150, 470-5	4.4	

- 1 Transient and stable electroluminescence properties of alternating-current biased organic light-emitting diodes. *Frontiers of Optoelectronics*, **2012**, 5, 279-283 2.8