Xijin Xu

List of Publications by Year
in descending order

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129 papers	7,498 citations	38660 50 h-index	58464 82 g-index
130 all docs	130 docs citations	130 times ranked	8637 citing authors

#	Article	IF	Citations
1	Ultrathin and Porous Ni₃S₂/CoNi₂S₄ 3Dâ€Network Structure for Superhigh Energy Density Asymmetric Supercapacitors. Advanced Energy Materials, 2017, 7, 1700983.	10.2	498
2	Formation of Fe₃O₄@MnO₂ ball-in-ball hollow spheres as a high performance catalyst with enhanced catalytic performances. Journal of Materials Chemistry A, 2016, 4, 1414-1422.	5.2	248
3	Surface/Interfacial Structure and Chemistry of Highâ€Energy Nickelâ€Rich Layered Oxide Cathodes: Advances and Perspectives. Small, 2017, 13, 1701802.	5.2	228
4	Flexible and high energy density asymmetrical supercapacitors based on core/shell conducting polymer nanowires/manganese dioxide nanoflakes. Nano Energy, 2017, 35, 242-250.	8.2	226
5	Oxygen vacancy defects engineering on Ce-doped Î±-Fe2O3 gas sensor for reducing gases. Sensors and Actuators B: Chemical, 2020, 302, 127165.	4.0	208
6	Constructing electrostatic self-assembled 2D/2D ultra-thin ZnIn2S4/protonated g-C3N4 heterojunctions for excellent photocatalytic performance under visible light. Applied Catalysis B: Environmental, 2019, 256, 117862.	10.8	185
7	One-pot Synthesis of CdS Irregular Nanospheres Hybridized with Oxygen-Incorporated Defect-Rich MoS₂ Ultrathin Nanosheets for Efficient Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2017, 9, 23635-23646.	4.0	178
8	Engineering of Z-scheme 2D/3D architectures with Ni(OH)2 on 3D porous g-C3N4 for efficiently photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2019, 258, 117997.	10.8	164
9	Coreâ€“shell and concentration-gradient cathodes prepared via co-precipitation reaction for advanced lithium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 4254-4279.	5.2	163
10	Ultrathin g-C₃N₄ nanosheets coupled with amorphous Cu-doped FeOOH nanoclusters as 2D/0D heterogeneous catalysts for water remediation. Environmental Science: Nano, 2018, 5, 1179-1190.	2.2	156
11	Unexpected ultrafast and high adsorption capacity of oxygen vacancy-rich WO_x/C nanowire networks for aqueous Pb²⁺ and methylene blue removal. Journal of Materials Chemistry A, 2017, 5, 15913-15922.	5.2	150
12	Rice husks as a sustainable silica source for hierarchical flower-like metal silicate architectures assembled into ultrathin nanosheets for adsorption and catalysis. Journal of Hazardous Materials, 2017, 321, 92-102.	6.5	136
13	Stabilizing the Electrode/Electrolyte Interface of LiNi_{0.8}Co_{0.15}Al_{0.05}O₂ through Tailoring Aluminum Distribution in Microspheres as Long-Life, High-Rate, and Safe Cathode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 29643-29653.	4.0	133
14	Construction of Longanâ€“like hybrid structures by anchoring nickel hydroxide on yolkâ€“shell polypyrrole for asymmetric supercapacitors. Nano Energy, 2019, 56, 207-215.	8.2	132
15	NiCo2O4-Based Supercapacitor Nanomaterials. Nanomaterials, 2017, 7, 41.	1.9	129
16	Recent advances in the improvement of g-C3N4 based photocatalytic materials. Chinese Chemical Letters, 2021, 32, 13-20.	4.8	128
17	MOF-derived CoN/N-C@SiO2 yolk-shell nanoreactor with dual active sites for highly efficient catalytic advanced oxidation processes. Chemical Engineering Journal, 2020, 381, 122670.	6.6	127
18	3D Sulfur and Nitrogen Codoped Carbon Nanofiber Aerogels with Optimized Electronic Structure and Enlarged Interlayer Spacing Boost Potassiumâ€Ion Storage. Small, 2019, 15, e1900816.	5.2	122

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19	Dual-functional NiCo2S4 polyhedral architecture with superior electrochemical performance for supercapacitors and lithium-ion batteries. Science Bulletin, 2020, 65, 443-451.	4.3	116
20	Fabrication of ZnO/ZnFe2O4 hollow nanocages through metal organic frameworks route with enhanced gas sensing properties. Sensors and Actuators B: Chemical, 2017, 251, 27-33.	4.0	113
21	Morphology-modulation of SnO2 Hierarchical Architectures by Zn Doping for Glycol Gas Sensing and Photocatalytic Applications. Scientific Reports, 2015, 5, 7874.	1.6	112
22	Hybrid 0Dâ€“2D Nanoheterostructures: In Situ Growth of Amorphous Silver Silicates Dots on g-C₃N₄ Nanosheets for Full-Spectrum Photocatalysis. ACS Applied Materials & Interfaces, 2016, 8, 35138-35149.	4.0	111
23	Hierarchical CuCo2O4@nickel-cobalt hydroxides core/shell nanoarchitectures for high-performance hybrid supercapacitors. Science Bulletin, 2017, 62, 1122-1131.	4.3	111
24	Three-Dimensional Hierarchical g-C₃N₄ Architectures Assembled by Ultrathin Self-Doped Nanosheets: Extremely Facile Hexamethylenetetramine Activation and Superior Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2019, 11, 2050-2059.	4.0	103
25	Hierarchical Ni-Co-S@Ni-W-O coreâ€“shell nanosheet arrays on nickel foam for high-performance asymmetric supercapacitors. Nano Research, 2018, 11, 1415-1425.	5.8	96
26	Implanting FeCo/C nanocages with tunable electromagnetic parameters in anisotropic wood carbon aerogels for efficient microwave absorption. Journal of Materials Chemistry A, 2020, 8, 18863-18871.	5.2	94
27	Hierarchically hollow structured NiCo₂S₄@NiS for high-performance flexible hybrid supercapacitors. Nanoscale, 2020, 12, 4686-4694.	2.8	80
28	Nickel/cobalt based materials for supercapacitors. Chinese Chemical Letters, 2018, 29, 1731-1740.	4.8	79
29	Facile synthesis of MoO2 nanoparticles as high performance supercapacitor electrodes and photocatalysts. Ceramics International, 2016, 42, 2198-2203.	2.3	74
30	Synthesis of Z-scheme g-C3N4 nanosheets/Ag3PO4 photocatalysts with enhanced visible-light photocatalytic performance for the degradation of tetracycline and dye. Chinese Chemical Letters, 2020, 31, 71-76.	4.8	74
31	Low-temperature solution synthesis of CuO/Cu₂O nanostructures for enhanced photocatalytic activity with added H₂O₂: synergistic effect and mechanism insight. RSC Advances, 2017, 7, 4329-4338.	1.7	67
32	One-Step Synthesis of 3D Network-like Ni_xCo_{1â€“x}MoO₄ Porous Nanosheets for High Performance Battery-type Hybrid Supercapacitors. ACS Sustainable Chemistry and Engineering, 2017, 5, 10139-10147.	3.2	66
33	ZIF-67 derived hollow Ni-Co-Se nano-polyhedrons for flexible hybrid supercapacitors with remarkable electrochemical performances. Chinese Chemical Letters, 2020, 31, 2007-2012.	4.8	66
34	A stable layered P3/P2 and spinel intergrowth nanocomposite as a long-life and high-rate cathode for sodium-ion batteries. Nanoscale, 2018, 10, 6671-6677.	2.8	65
35	Uniform P doped Coâ€“Niâ€“S nanostructures for asymmetric supercapacitors with ultra-high energy densities. Nanoscale, 2019, 11, 688-697.	2.8	63
36	A 3D titanate aerogel with cellulose as the adsorption-aggregator for highly efficient water purification. Journal of Materials Chemistry A, 2017, 5, 5813-5819.	5.2	62

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37	Nickel-cobalt based aqueous flexible solid state supercapacitors with high energy density by controllable surface modification. Journal of Power Sources, 2019, 427, 56-61.	4.0	62
38	Design of p-n homojunctions in metal-free carbon nitride photocatalyst for overall water splitting. Chinese Journal of Catalysis, 2021, 42, 501-509.	6.9	61
39	Improving Li⁺ Kinetics and Structural Stability of Nickel-Rich Layered Cathodes by Heterogeneous Inactive-Al³⁺ Doping. ACS Sustainable Chemistry and Engineering, 2018, 6, 5653-5661.	3.2	60
40	SnO₂-Based Nanomaterials: Synthesis and Application in Lithium-Ion Batteries and Supercapacitors. Journal of Nanomaterials, 2015, 2015, 1-15.	1.5	58
41	Rare earth ion doped phosphors for dye-sensitized solar cells applications. RSC Advances, 2016, 6, 17546-17559.	1.7	58
42	Constructing highly dispersed 0D Co3S4 quantum dots/2D g-C3N4 nanosheets nanocomposites for excellent photocatalytic performance. Science Bulletin, 2019, 64, 1510-1517.	4.3	58
43	2D New Nonmetal Photocatalyst of Sulfurâ€Doped hâ€BN Nanosheeets with High Photocatalytic Activity. Advanced Materials Interfaces, 2019, 6, 1900062.	1.9	58
44	Morphology-controlled syntheses of Î±-MnO₂ for electrochemical energy storage. Physical Chemistry Chemical Physics, 2016, 18, 15235-15243.	1.3	57
45	Controlled assembly of Bi₂S₃ architectures as Schottky diode, supercapacitor electrodes and highly efficient photocatalysts. RSC Advances, 2014, 4, 41636-41641.	1.7	56
46	Hedgehog-inspired nanostructures for hydrogel-based all-solid-state hybrid supercapacitors with excellent flexibility and electrochemical performance. Nanoscale, 2018, 10, 19004-19013.	2.8	55
47	Highly sensitive and low working temperature detection of trace triethylamine based on TiO2 nanoparticles decorated CuO nanosheets sensors. Sensors and Actuators B: Chemical, 2019, 301, 127019.	4.0	55
48	Metal-organic framework derived NiCoP hollow polyhedrons electrocatalyst for pH-universal hydrogen evolution reaction. Chinese Chemical Letters, 2021, 32, 119-124.	4.8	54
49	Etherâ€“Water Hybrid Electrolyte Contributing to Excellent Mg Ion Storage in Layered Sodium Vanadate. ACS Nano, 2022, 16, 6093-6102.	7.3	54
50	Constructing the novel ultrafine amorphous iron oxyhydroxide/g-C3N4 nanosheets heterojunctions for highly improved photocatalytic performance. Scientific Reports, 2017, 7, 8686.	1.6	53
51	One-pot synthesis of Zn-doped SnO₂ nanosheet-based hierarchical architectures as a glycol gas sensor and photocatalyst. CrystEngComm, 2015, 17, 4394-4401.	1.3	52
52	ZnO@CdS Core-Shell Heterostructures: Fabrication, Enhanced Photocatalytic, and Photoelectrochemical Performance. Nanoscale Research Letters, 2016, 11, 205.	3.1	51
53	One-pot hydrothermal synthesis of CdS decorated CuS microflower-like structures for enhanced photocatalytic properties. Scientific Reports, 2017, 7, 3877.	1.6	51
54	Reduced interfacial recombination in dye-sensitized solar cells assisted with NiO:Eu3+,Tb3+ coated TiO2 film. Scientific Reports, 2016, 6, 31123.	1.6	49

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55	New 2D Carbon Nitride Organic Materials Synthesis with Hugeâ€Application Prospects in CN Photocatalyst. Small, 2018, 14, e1704138.	5.2	47
56	Synthesis of Zn-doped In₂O₃nano sphere architectures as a triethylamine gas sensor and photocatalytic properties. RSC Advances, 2016, 6, 89847-89854.	1.7	46
57	Suppressed Dissolution and Enhanced Desolvation in Coreâ€“Shell MoO₃@TiO₂ Nanorods as a Highâ€Rate and Longâ€Life Anode Material for Proton Batteries. Advanced Energy Materials, 2022, 12, .	10.2	44
58	Hierarchical flowerlike metal/metal oxide nanostructures derived from layered double hydroxides for catalysis and gas sensing. Journal of Materials Chemistry A, 2017, 5, 23999-24010.	5.2	43
59	Cocatalysts from types, preparation to applications in the field of photocatalysis. Nanoscale, 2021, 13, 10649-10667.	2.8	43
60	Hollow polyhedron structure of amorphous Ni-Co-S/Co(OH)2 for high performance supercapacitors. Chinese Chemical Letters, 2021, 32, 2453-2458.	4.8	43
61	Designing flexible asymmetric supercapacitor with high energy density by electrode engineering and charge matching mechanism. Chemical Engineering Journal, 2022, 429, 132406.	6.6	42
62	Metal-Free Graphitic Carbon Nitride Photocatalyst Goes Into Two-Dimensional Time. Frontiers in Chemistry, 2018, 6, 551.	1.8	41
63	Construction of ZnCo₂S₄@Ni(OH)₂ coreâ€“shell nanostructures for asymmetric supercapacitors with high energy densities. Inorganic Chemistry Frontiers, 2019, 6, 2135-2141.	3.0	41
64	Biocarbon based template synthesis of uniform lamellar MoS2 nanoflowers with excellent energy storage performance in lithium-ion battery and supercapacitors. Electrochimica Acta, 2020, 331, 135262.	2.6	41
65	Enhanced Photocatalytic Activity of TiO₂ Nanorod Arrays Decorated with CdSe Using an Upconversion TiO₂:Yb³⁺,Er³⁺ Thin Film. Industrial & Engineering Chemistry Research, 2015, 54, 659-665.	1.8	40
66	MoO2 nanoparticles grown on carbon fibers as anode materials for lithium-ion batteries. Ceramics International, 2017, 43, 760-765.	2.3	40
67	Liquid Phase Exfoliation of MoS₂ Assisted by Formamide Solvothermal Treatment and Enhanced Electrocatalytic Activity Based on (H₃Mo₁₂O₄₀P/MoS₂)_n Multilayer Structure. ACS Sustainable Chemistry and Engineering, 2018, 6, 5227-5237.	3.2	39
68	Mitigating the P2â€“O2 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.	5.2	39
69	Cellulose Fibers Constructed Convenient Recyclable 3D Graphene-Formicary-like Î´-Bi₂O₃ Aerogels for the Selective Capture of Iodide. ACS Applied Materials & Interfaces, 2017, 9, 20554-20560.	4.0	38
70	Multishell Precursors Facilitated Synthesis of Concentration-Gradient Nickel-Rich Cathodes for Long-Life and High-Rate Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 24508-24515.	4.0	38
71	In-situ synthesis of amorphous silver silicate/carbonate composites for selective visible-light photocatalytic decomposition. Scientific Reports, 2017, 7, 15001.	1.6	37
72	Moss-like nickel-cobalt phosphide nanostructures for highly flexible all-solid-state hybrid supercapacitors with excellent electrochemical performances. Applied Materials Today, 2020, 20, 100713.	2.3	37

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73	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.	5.0	37
74	Dopant and Defect Doubly Modified CeO₂/g-C₃N₄ Nanosheets as 0D/2D Z-Scheme Heterojunctions for Photocatalytic Hydrogen Evolution: Experimental and Density Functional Theory Studies. ACS Sustainable Chemistry and Engineering, 2021, 9, 11479-11492.	3.2	36
75	Enhanced formaldehyde gas sensing performance of ternary CuBi2O4 oxides through oxygen vacancy manipulation and surface platinum decoration. Sensors and Actuators B: Chemical, 2021, 344, 130190.	4.0	36
76	Effects of architectures and H2O2 additions on the photocatalytic performance of hierarchical Cu2O nanostructures. Nanoscale Research Letters, 2015, 10, 8.	3.1	33
77	A high energy-density P2-Na_{2/3}[Ni_{0.3}Co_{0.1}Mn_{0.6}]O₂ cathode with mitigated P2â€“O2 transition for sodium-ion batteries. Nanoscale, 2019, 11, 2787-2794.	2.8	33
78	Improvement of nickel-cobalt-based supercapacitors energy storage performance by modification of elements. Journal of Colloid and Interface Science, 2021, 602, 712-720.	5.0	32
79	Ultraviolet photodetector based on heterojunction of n-ZnO microwire/p-GaN film. RSC Advances, 2015, 5, 908-912.	1.7	31
80	One-Step Solvothermal Method to Prepare Ag/Cu2O Composite With Enhanced Photocatalytic Properties. Nanoscale Research Letters, 2016, 11, 29.	3.1	31
81	Nickel-cobalt double oxides with rich oxygen vacancies by B-doping for asymmetric supercapacitors with high energy densities. Applied Surface Science, 2020, 512, 145621.	3.1	31
82	In situ growth of metallic Ag⁰ intercalated CoAl layered double hydroxides as efficient electrocatalysts for the oxygen reduction reaction in alkaline solutions. Dalton Transactions, 2019, 48, 1084-1094.	1.6	30
83	Modified Co₄N by B-doping for high-performance hybrid supercapacitors. Nanoscale, 2020, 12, 18400-18408.	2.8	28
84	A Mini Review of the Preparation and Photocatalytic Properties of Two-Dimensional Materials. Frontiers in Chemistry, 2020, 8, 582146.	1.8	27
85	Anodic formation of anatase TiO2 nanotubes with rod-formed walls for photocatalysis and field emitters. Physical Chemistry Chemical Physics, 2012, 14, 16371.	1.3	26
86	Synthesis of multishelled SnOx/Co3O4 amorphous/crystalline heterophase with galvanic replacement reaction for superior HCHO sensing. Sensors and Actuators B: Chemical, 2022, 350, 130876.	4.0	26
87	Construction of hierarchical Co-Ni-S nanosheets as free-standing electrode for superior-performance asymmetric supercapacitors. Applied Surface Science, 2019, 470, 792-799.	3.1	25
88	Fabrication of Hierarchical ZnO@NiO Coreâ€“Shell Heterostructures for Improved Photocatalytic Performance. Nanoscale Research Letters, 2018, 13, 260.	3.1	22
89	Controlled Synthesis of Hollow Î±-Fe2O3 Microspheres Assembled With Ionic Liquid for Enhanced Visible-Light Photocatalytic Activity. Frontiers in Chemistry, 2019, 7, 58.	1.8	22
90	Three-Dimensionally Porous NiCo₂O₄ Nanoneedle Arrays for High Performance Supercapacitor. Science of Advanced Materials, 2016, 8, 1298-1304.	0.1	22

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91	Defect engineering in Co-doped Ni3S2 nanosheets as cathode for high-performance aqueous zinc ion battery. Journal of Materials Science and Technology, 2022, 118, 190-198.	5.6	22
92	Construction of 3DOM Carbon Nitrides with Quasiâ€Honeycomb Structures for Efficient Photocatalytic H₂ Production. ChemCatChem, 2018, 10, 5656-5664.	1.8	21
93	High-rate and long-life lithium-ion batteries coupling surface-Al3+-enriched LiNi0.7Co0.15Mn0.15O2 cathode with porous Li4Ti5O12 anode. Chemical Engineering Journal, 2019, 378, 122057.	6.6	21
94	Design of nickel cobalt molybdate regulated by boronizing for high-performance supercapacitor applications. Nanoscale, 2020, 12, 17849-17857.	2.8	20
95	Booting the electrochemical properties of Fe-based anode by the formation multiphasic nanocomposite for lithium-ion batteries. Chinese Chemical Letters, 2021, 32, 2169-2173.	4.8	18
96	Suppressing the P2Ââ^'ÂO2 phase transformation and Na+/vacancy ordering of high-voltage manganese-based P2-type cathode by cationic codoping. Journal of Colloid and Interface Science, 2022, 611, 752-759.	5.0	18
97	Performance Improvements of Cobalt Oxide Cathodes for Rechargeable Lithium Batteries. ChemBioEng Reviews, 2018, 5, 111-118.	2.6	17
98	Rational construction of phosphate layer to optimize Cu-regulated Fe3O4 as anode material with promoted energy storage performance for rechargeable Ni-Fe batteries. Journal of Materials Science and Technology, 2022, 108, 133-141.	5.6	17
99	Design of Multilayered Porous Aluminum Nitride for Supercapacitor Applications. Energy & Fuels, 2021, 35, 12628-12636.	2.5	16
100	Ag nanoparticles anchored NiO/GO composites for enhanced capacitive performance. Ceramics International, 2016, 42, 12644-12650.	2.3	15
101	Improving the photovoltaic performance of dye sensitized solar cells based on a hierarchical structure with up/down converters. RSC Advances, 2016, 6, 11880-11887.	1.7	15
102	Engineering interfacial coupling between 3D net-like Ni3(VO4)2 ultrathin nanosheets and MoS2 on carbon fiber cloth for boostinghydrogen evolution reaction. Journal of Colloid and Interface Science, 2022, 611, 336-345.	5.0	15
103	Green Construction of an Oilâ€“Water Separator at Room Temperature and Its Promotion to an Adsorption Membrane. Langmuir, 2019, 35, 11071-11079.	1.6	14
104	General flux-free synthesis of single crystal Ni-rich layered cathodes by employing a Li-containing spinel transition phase for lithium-ion batteries. Journal of Materials Chemistry A, 2022, 10, 16420-16429.	5.2	14
105	A new CoO/Co2B/rGO nanocomposite anode with large capacitive contribution for high-efficiency and durable lithium storage. Applied Surface Science, 2020, 508, 144698.	3.1	12
106	Towards advanced aqueous zinc battery by exploiting synergistic effects between crystalline phosphide and amorphous phosphate. Nanoscale, 2021, 13, 18586-18595.	2.8	11
107	Amorphous Ni-Co-S nanocages assembled with nanosheet arrays as cathode for high-performance zinc ion battery. Chinese Chemical Letters, 2022, 33, 3272-3276.	4.8	10
108	High-performance UV photodetectors and temperature-dependent photoluminescence of individual ZnO hexagonal-prism microwire. Applied Physics A: Materials Science and Processing, 2015, 118, 1267-1271.	1.1	9

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109	Why the hydrothermal fluorinated method can improve photocatalytic activity of carbon nitride. Chinese Chemical Letters, 2021, 32, 277-281.	4.8	9
110	An electrochemical activation strategy boosted alkaline Zinc-ion battery with Ultra-high energy density. Journal of Colloid and Interface Science, 2022, 615, 293-301.	5.0	9
111	Preparation of Lowâ€Dimensional Bismuth Tungstate (Bi 2 WO 6) Photocatalyst by Electrospinning. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900035.	0.8	8
112	A Carbonâ€Free Li 2 TiO 3 /Li 2 MTi 3 O 8 (Mâ•Zn 1/3 Co 2/3) Nanocomposite as Highâ€Rate and Longâ€Life Anode for Lithiumâ€Ion Batteries. Energy Technology, 2019, 7, 1800960.	1.8	6
113	2D WS₂ co-catalysts induce the growth of CdS and enhance the photocatalytic performance. CrystEngComm, 2021, 23, 4451-4458.	1.3	6
114	Hybrid nanostructures of TiO₂ nanorod array/Cu₂O with a CH₃NH₃PbI₃ interlayer for enhanced photocatalytic activity and photoelectrochemical performance. RSC Advances, 2016, 6, 57695-57700.	1.7	5
115	Is glutamate associated with fear extinction and cognitive behavior therapy outcome in OCD? A pilot study. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 1003-1014.	1.8	5
116	Construction of cobalt nanoparticles decorated intertwined N-doped carbon nanotube clusters with dual active sites for highly effective 4-nitrophenol reduction. Journal of Alloys and Compounds, 2021, 858, 158287.	2.8	5
117	Enhanced Dye-Sensitized Solar Cell Efficiency by Insertion of a H₃PW₁₂O₄₀ Layer Between the Transparent Conductive Oxide Layer and the Compact TiO₂ Layer. Science of Advanced Materials, 2018, 10, 867-871.	0.1	4
118	Advanced aqueous zinc battery with excellent rate and low-temperature adaptation enabled by bimetallic phosphide with hetero-interface. Chemical Engineering Journal, 2022, 450, 137998.	6.6	4
119	Metal Oxide Heterostructures for Water Purification. Journal of Nanomaterials, 2014, 2014, 1-2.	1.5	3
120	Hyperpolarizability calculation and kinetic effect of impurities on LVP. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 378-382.	2.0	3
121	Endowing graphene with superior cation/anion co-purification and visible photocatalysis performances by in situ deposition of silver compounds. Journal of Materials Chemistry A, 2017, 5, 20903-20910.	5.2	3
122	Constructing CuBi₂O₄/Ag₃PO₄ Photocatalyst with Improved Photocatalytic Performance for the Degradation of Tetracycline under Visibleâ€Light Irradiation. ChemistrySelect, 2021, 6, 7062-7067.	0.7	3
123	Self-Assembly of Semiconductor Metal Oxide Nanostructures. Journal of Nanomaterials, 2013, 2013, 1-2.	1.5	2
124	Semiconductor Nanomaterials for Energy Conversion and Storage. Journal of Nanomaterials, 2015, 2015, 1-2.	1.5	2
125	Interface morphology and DFT computation of l-valinium fumarate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 162-167.	2.0	1
126	Enhanced Photovoltaic Properties of Dye Sensitized Solar Cells by Using Ag Nanowires@TiO₂ Composite Materials. Journal of Nanoscience and Nanotechnology, 2017, 17, 8981-8986.	0.9	1

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127	New Properties of Twoâ€Dimensional Materials: Highly Effective Thermal Catalytic Degradation Activity. ChemistrySelect, 2018, 3, 10133-10138.	0.7	1
128	Transient and stable electroluminescence properties of alternating-current biased organic light-emitting diodes. Frontiers of Optoelectronics, 2012, 5, 279-283.	1.9	0
129	Growth mechanism, electronic spectral investigation and molecular orbital studies of l-prolinium phosphate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 470-475.	2.0	0