

Xiao-Ying Zhang

List of Publications by Year in descending order

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papers

11,816
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30070

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86
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400
all docs

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docs citations

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times ranked

13694
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Energy/Power and Low-Temperature Cathode for Sodium-Ion Batteries: In Situ XRD Study and Superior Full-Cell Performance. <i>Advanced Materials</i> , 2017, 29, 1701968.	21.0	350
2	Palladium-Catalyzed C-H Aminations of Anilides with <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2011, 133, 1694-1697.	13.7	328
3	N-rich zeolite-like metal-organic framework with sodalite topology: high CO ₂ uptake, selective gas adsorption and efficient drug delivery. <i>Chemical Science</i> , 2012, 3, 2114.	7.4	277
4	Highly Regioselective Copper-Catalyzed Benzylic C-H Amination by <i>N</i> -Fluorobenzenesulfonimide. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1244-1247.	13.8	212
5	A Scalable Strategy To Develop Advanced Anode for Sodium-Ion Batteries: Commercial Fe ₃ O ₄ -Derived Fe ₃ O ₄ @FeS with Superior Full-Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3581-3589.	8.0	209
6	Regioselective Radical Aminofluorination of Styrenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11079-11083.	13.8	200
7	Burnout and its association with resilience in nurses: A cross-sectional study. <i>Journal of Clinical Nursing</i> , 2018, 27, 441-449.	3.0	176
8	P ₂ -Na _{2/3} Ni _{1/3} Mn _{5/9} Al _{1/9} O ₂ Microparticles as Superior Cathode Material for Sodium-Ion Batteries: Enhanced Properties and Mechanism via Graphene Connection. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20650-20659.	8.0	168
9	In Situ Binding Sb Nanospheres on Graphene via Oxygen Bonds as Superior Anode for Ultrafast Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7790-7799.	8.0	167
10	A self-destructive nanosweeper that captures and clears amyloid β -peptides. <i>Nature Communications</i> , 2018, 9, 1802.	12.8	144
11	A Practicable Li/Na-Ion Hybrid Full Battery Assembled by a High-Voltage Cathode and Commercial Graphite Anode: Superior Energy Storage Performance and Working Mechanism. <i>Advanced Energy Materials</i> , 2018, 8, 1702504.	19.5	142
12	Nanoeffects promote the electrochemical properties of organic Na ₂ C ₈ H ₄ O ₄ as anode material for sodium-ion batteries. <i>Nano Energy</i> , 2015, 13, 450-457.	16.0	139
13	Pseudocapacitance-boosted ultrafast Na storage in a pie-like FeS@C nanohybrid as an advanced anode material for sodium-ion full batteries. <i>Nanoscale</i> , 2018, 10, 9218-9225.	5.6	135
14	Advanced P ₂ -Na _{2/3} Ni _{1/3} Mn _{7/12} Fe _{1/12} O ₂ Cathode Material with Suppressed P ₂ -O ₂ Phase Transition toward High-Performance Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34272-34282.	8.0	127
15	High-Performance and Low-Temperature Lithium-Sulfur Batteries: Synergism of Thermodynamic and Kinetic Regulation. <i>Advanced Energy Materials</i> , 2018, 8, 1703638.	19.5	124
16	Metastable Marcasite-FeS ₂ as a New Anode Material for Lithium Ion Batteries: CNFs-Improved Lithiation/Delithiation Reversibility and Li-Storage Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10708-10716.	8.0	122
17	Host Materials Transformable in Tumor Microenvironment for Homing Theranostics. <i>Advanced Materials</i> , 2017, 29, 1605869.	21.0	121
18	Hollow Manganese Silicate Nanotubes with Tunable Secondary Nanostructures as Excellent Fenton-Type Catalysts for Dye Decomposition at Ambient Temperature. <i>Advanced Functional Materials</i> , 2016, 26, 7334-7342.	14.9	116

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19	Covalent Organic Framework with Highly Accessible Carbonyls and π -Cation Effect for Advanced Potassium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	112
20	Workplace violence against nurses: A cross-sectional study. <i>International Journal of Nursing Studies</i> , 2017, 72, 8-14.	5.6	111
21	Shale-like Co_3O_4 for high performance lithium/sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8242-8248.	10.3	108
22	Novel highly selective anion chemosensors based on 2,5-bis(2-hydroxyphenyl)-1,3,4-oxadiazole. <i>Tetrahedron Letters</i> , 2003, 44, 131-134.	1.4	105
23	Dual-Porosity SiO_2/C Nanocomposite with Enhanced Lithium Storage Performance. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3495-3501.	3.1	105
24	High rate capability and long-term cyclability of $\text{Li}_4\text{Ti}_4.9\text{V}_0.1\text{O}_{12}$ as anode material in lithium ion battery. <i>Electrochimica Acta</i> , 2011, 56, 8611-8617.	5.2	104
25	The Effective Design of a Polysulfide-Trapped Separator at the Molecular Level for High Energy Density Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16108-16115.	8.0	103
26	Design of donors with broad absorption regions and suitable frontier molecular orbitals to match typical acceptors via substitution on oligo(thienylenevinylene) toward solar cells. <i>Journal of Computational Chemistry</i> , 2012, 33, 1353-1363.	3.3	99
27	An unusual ten-connected self-penetrating metal-organic framework based on tetranuclear cobalt clusters. <i>Chemical Communications</i> , 2010, 46, 8383.	4.1	94
28	Cross-Cycloaddition of Two Different Isocyanides: Chemoselective Heterodimerization and $[3+2]$ -Cyclization of 1,4-Diazabutatriene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7077-7080.	13.8	91
29	Boosting Polysulfide Redox Kinetics by Graphene-Supported Ni Nanoparticles with Carbon Coating. <i>Advanced Energy Materials</i> , 2020, 10, 2000907.	19.5	89
30	Anionic Lanthanide Metal-Organic Frameworks: Selective Separation of Cationic Dyes, Solvatochromic Behavior, and Luminescent Sensing of Co(II) Ion. <i>Inorganic Chemistry</i> , 2018, 57, 11463-11473.	4.0	88
31	Prevalence and related influencing factors of depressive symptoms for empty-nest elderly living in the rural area of Yongzhou, China. <i>Archives of Gerontology and Geriatrics</i> , 2010, 50, 24-29.	3.0	87
32	Li_3PO_4 -Coated $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$: A Stable High-Voltage Cathode Material for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2014, 20, 7479-7485.	3.3	87
33	Double $[4 + 2]$ Cycloaddition Reaction To Approach a Large Acene with Even-Number Linearly Fused Benzene Rings: 6,9,16,19-Tetraphenyl-1,20,4,5,10,11,14,15-Tetrabenzooctatwistacene. <i>Journal of Organic Chemistry</i> , 2015, 80, 109-113.	3.2	86
34	Dual-carbon enhanced silicon-based composite as superior anode material for lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 307, 738-745.	7.8	81
35	Supramolecular Nano-Aggregates Based on Bis(Pyrene) Derivatives for Lysosome-Targeted Cell Imaging. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26811-26820.	3.1	79
36	Understanding the anchoring effect of Graphene, BN, C_2N and C_3N_4 monolayers for lithium-polysulfides in Li-S batteries. <i>Applied Surface Science</i> , 2018, 434, 596-603.	6.1	78

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37	Li-decorated porous graphene as a high-performance hydrogen storage material: A first-principles study. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10099-10108.	7.1	77
38	Quasi-Solid-State Sodium-Ion Full Battery with High-Power/Energy Densities. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17903-17910.	8.0	74
39	Dual responsive supramolecular nanogels for intracellular drug delivery. <i>Chemical Communications</i> , 2014, 50, 3789.	4.1	70
40	Quantum Chemical Analysis of the Chemical Bonds in Tris(8-hydroxyquinolinato)aluminum as a Key Emitting Material for OLED. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10296-10301.	2.5	69
41	Preparation and Crystal Structure of Dual-Functional Precursor Complex Bis(acetylacetonato)nickel(II) with 4-Pyridyltetrahydrofulvalene. <i>Inorganic Chemistry</i> , 2006, 45, 6860-6863.	4.0	68
42	Adsorption of phosgene molecule on the transition metal-doped graphene: First principles calculations. <i>Applied Surface Science</i> , 2017, 425, 340-350.	6.1	67
43	A promising PMHS/PEO blend polymer electrolyte for all-solid-state lithium ion batteries. <i>Dalton Transactions</i> , 2018, 47, 14932-14937.	3.3	67
44	The effects of resilience and turnover intention on nurses' burnout: Findings from a comparative cross-sectional study. <i>Journal of Clinical Nursing</i> , 2019, 28, 499-508.	3.0	66
45	Spatial confinement of vertical arrays of lithiophilic SnS ₂ nanosheets enables conformal Li nucleation/growth towards dendrite-free Li metal anode. <i>Energy Storage Materials</i> , 2021, 36, 504-513.	18.0	66
46	Nanoscale Polysulfides Reactors Achieved by Chemical Au-S Interaction: Improving the Performance of Li-S Batteries on the Electrode Level. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27959-27967.	8.0	65
47	Exploring resilience in Chinese nurses: a cross-sectional study. <i>Journal of Nursing Management</i> , 2017, 25, 223-230.	3.4	65
48	The First Nonthiolic, Odorless 1,3-Propanedithiol Equivalent and Its Application in Thioacetalization. <i>Journal of Organic Chemistry</i> , 2003, 68, 9148-9150.	3.2	63
49	Target construction of ultrathin graphitic carbon encapsulated FeS hierarchical microspheres featuring superior low-temperature lithium/sodium storage properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7997-8005.	10.3	62
50	Co ₃ O ₄ Nanospheres Embedded in a Nitrogen-Doped Carbon Framework: An Electrode with Fast Surface-Controlled Redox Kinetics for Lithium Storage. <i>ACS Energy Letters</i> , 2017, 2, 52-59.	17.4	61
51	Water-Robust Zinc-Organic Framework with Mixed Nodes and Its Handy Mixed-Matrix Membrane for Highly Effective Luminescent Detection of Fe ³⁺ , CrO ₄ ²⁻ , and Cr ₂ O ₇ ²⁻ in Aqueous Solution. <i>Inorganic Chemistry</i> , 2021, 60, 1716-1725.	4.0	61
52	Oxygen-Deficient Titanium Dioxide Nanosheets as More Effective Polysulfide Reservoirs for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 9666-9673.	3.3	60
53	A Novel Layered Sedimentary Rocks Structure of the Oxygen-Enriched Carbon for Ultrahigh-Rate-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4233-4241.	8.0	58
54	Naphthyl and Thionaphthyl End-Capped Oligothiophenes as Organic Semiconductors: Effect of Chain Length and End-Capping Groups. <i>Advanced Functional Materials</i> , 2007, 17, 1940-1951.	14.9	57

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55	A biomimetic platelet based on assembling peptides initiates artificial coagulation. <i>Science Advances</i> , 2020, 6, eaaz4107.	10.3	56
56	Radical Mechanism of Isocyanide-Alkyne Cycloaddition by Multicatalysis of Ag ₂ CO ₃ , Solvent, and Substrate. <i>ACS Catalysis</i> , 2015, 5, 6177-6184.	11.2	54
57	Three-dimensional carbon nanotube networks enhanced sodium trimesic: a new anode material for sodium ion batteries and Na-storage mechanism revealed by ex situ studies. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16622-16629.	10.3	54
58	An FeP@C nanoarray vertically grown on graphene nanosheets: an ultrastable Li-ion battery anode with pseudocapacitance-boosted electrochemical kinetics. <i>Nanoscale</i> , 2019, 11, 1304-1312.	5.6	53
59	Bis-pyrene-based supramolecular aggregates with reversibly mechanochromic and vapochromic responsiveness. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1887.	5.5	52
60	Polyvinylpyrrolidone (PVP) assisted synthesized nano-LiFePO ₄ /C composite with enhanced low temperature performance. <i>Electrochimica Acta</i> , 2013, 97, 92-98.	5.2	51
61	Study on a highly selective fluorescent chemosensor for Fe ³⁺ based on 1,3,4-oxadiazole and phosphonic acid. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 259-268.	7.8	51
62	A new strategy for developing superior electrode materials for advanced batteries: using a positive cycling trend to compensate the negative one to achieve ultralong cycling stability. <i>Nanoscale Horizons</i> , 2016, 1, 496-501.	8.0	51
63	Multiple heterointerfaces boosted de/sodiation kinetics towards superior Na storage and Na-Ion full battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6578-6586.	10.3	50
64	Intracellular pH-Sensitive Metallo-Supramolecular Nanogels for Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7816-7822.	8.0	49
65	Synergistic mediation of sulfur conversion in lithium-sulfur batteries by a Gerber tree-like interlayer with multiple components. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11255-11262.	10.3	49
66	Rational Design of Organic Asymmetric Donors D1-A-D2 Possessing Broad Absorption Regions and Suitable Frontier Molecular Orbitals to Match Typical Acceptors toward Solar Cells. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5184-5191.	2.5	48
67	2D few-layer iron phosphosulfide: a self-buffer heterophase structure induced by irreversible breakage of P-S bonds for high-performance lithium/sodium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1529-1538.	10.3	48
68	CH ₃ N Substituted mer-Gaq ₃ and mer-Alq ₃ Derivatives: An Effective Approach for the Tuning of Emitting Color. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17762-17767.	2.6	47
69	Intramolecular Aza-Anti-Michael Addition of an Amide Anion to Enones: A Regiospecific Approach to Tetramic Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2301-2306.	4.3	47
70	A vertical and cross-linked Ni(OH) ₂ network on cellulose-fiber covered with graphene as a binder-free electrode for advanced asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19077-19084.	10.3	47
71	Geometry and stability of fullerene cages: C ₂₄ to C ₇₀ . <i>International Journal of Quantum Chemistry</i> , 2005, 105, 142-147.	2.0	44
72	Carbon/Binder-Free NiO@NiO/NF with In Situ Formed Interlayer for High-Areal Capacity Lithium Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1803690.	19.5	44

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73	Shedding light on octathio[8]circulene and some of its plate-like derivatives. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1743.	2.8	43
74	Organocatalyzed Anion Relay Leading to Functionalized 2,3-Dihydrofurans. <i>Organic Letters</i> , 2013, 15, 3978-3981.	4.6	43
75	<i>N</i> -Bromosuccinimide/1,8-Diazabicyclo[5.4.1]undec-7-ene Combination: β -Amination of Chalcones via a Tandem Bromoamination/Debromination Sequence. <i>Organic Letters</i> , 2013, 15, 852-855.	4.6	43
76	Assembly of MnCO ₃ nanoplatelets synthesized at low temperature on graphene to achieve anode materials with high rate performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 215, 267-275.	5.2	43
77	Optical Properties of the Phosphorescent Trinuclear Copper(I) Complexes of Pyrazolates: Insights from Theory. <i>Journal of Physical Chemistry A</i> , 2007, 111, 4965-4973.	2.5	42
78	Egg yolk-derived carbon: Achieving excellent fluorescent carbon dots and high performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 746, 567-575.	5.5	42
79	Al doped MoS ₂ monolayer: A promising low-cost single atom catalyst for CO oxidation. <i>Applied Surface Science</i> , 2019, 484, 1297-1303.	6.1	42
80	Accurate Computation of Gas Uptake in Microporous Organic Molecular Crystals. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8865-8871.	3.1	41
81	From Molecules to Materials: Molecular and Crystal Engineering Design of Organic Optoelectronic Functional Materials for High Carrier Mobility. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1195-1199.	3.1	41
82	Three novel 1D lanthanide-carboxylate polymeric complexes: syntheses, crystal structures and magnetic analyses. <i>Dalton Transactions</i> , 2013, 42, 8504.	3.3	41
83	Alkyne aminohalogenation enabled by DBU-activated N-haloimides: direct synthesis of halogenated enamines. <i>Chemical Communications</i> , 2014, 50, 2360.	4.1	41
84	Full Protection for Graphene-Incorporated Micro-/Nanocomposites Containing Ultra-small Active Nanoparticles: the Best Li-Storage Properties. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 1020-1027.	2.3	41
85	pH-responsive metallo-supramolecular nanogel for synergistic chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , 2015, 25, 162-171.	8.3	41
86	Do the bridging oxygen bonds between active Sn nanodots and graphene improve the Li-storage properties?. <i>Energy Storage Materials</i> , 2016, 5, 214-222.	18.0	41
87	Electric-field controlled capture or release of phosgene molecule on graphene-based materials: First principles calculations. <i>Applied Surface Science</i> , 2018, 427, 1019-1026.	6.1	41
88	X-Shaped donor molecules based on benzo[2,1-b:3,4-b']dithiophene as organic solar cell materials with PDIs as acceptors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13828.	10.3	40
89	Layered g-C ₃ N ₄ @Reduced Graphene Oxide Composites as Anodes with Improved Rate Performance for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30330-30336.	8.0	40
90	The in-situ-prepared micro/nanocomposite composed of Sb and reduced graphene oxide as superior anode for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2016, 672, 72-78.	5.5	39

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91	Synthesis and Characterization of Monodisperse Oligo(fluorene-co-bithiophene)s. <i>Chemistry - A European Journal</i> , 2007, 13, 6238-6248.	3.3	38
92	Push-pull effect on the charge transfer, and tuning of emitting color for disubstituted derivatives of mer-Alq ₃ . <i>Chemical Physics</i> , 2009, 364, 39-45.	1.9	38
93	Investigation of two-dimensional hf-based MXenes as the anode materials for li/na-ion batteries: A DFT study. <i>Journal of Computational Chemistry</i> , 2019, 40, 1352-1359.	3.3	38
94	Quantum chemical analysis of the chemical bonds in Mq ₃ (M=AlIII, GaIII) as emitting material for OLED. <i>Chemical Physics Letters</i> , 2004, 394, 120-125.	2.6	37
95	Metal-Dependent Assembly of a Helical-[Co ₃ L ₃] Cluster versus a Meso-[Cu ₂ L ₂] Cluster with O,N,N',O'-Schiff Base Ligand: Structures and Magnetic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 10317-10324.	4.0	37
96	Fluorinated derivatives of mer-Alq ₃ : energy decomposition analysis, optical properties, and charge transfer study. <i>Theoretical Chemistry Accounts</i> , 2009, 122, 275-281.	1.4	37
97	gem-Dialkylthio vinylallenes: alkylthio-regulated reactivity and application in the divergent synthesis of pyrroles and thiophenes. <i>Chemical Communications</i> , 2012, 48, 8802.	4.1	37
98	A novel approach to prepare Si/C nanocomposites with yolk-shell structures for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 36218-36225.	3.6	37
99	An Efficient Strategy for Self-Assembly of DNA-Mimic Homochiral 1D Helical Cu(II) Chain from Achiral Flexible Ligand by Spontaneous Resolution. <i>Inorganic Chemistry</i> , 2016, 55, 3378-3383.	4.0	37
100	Self-Assembled Fluorescent Organic Nanomaterials for Biomedical Imaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800344.	7.6	37
101	A rational design strategy for donors in organic solar cells: the conjugated planar molecules possessing anisotropic multibranches and intramolecular charge transfer. <i>Journal of Materials Chemistry</i> , 2011, 21, 11159.	6.7	36
102	(PO ₄) ₃ ⁻ polyanions doped LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ : An ultrafast-rate, long-life and high-voltage cathode material for Li-ion rechargeable batteries. <i>Electrochimica Acta</i> , 2016, 201, 8-19.	5.2	36
103	Porous Carbon with Willow-Leaf-Shaped Pores for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42699-42707.	8.0	36
104	Charge Transport Parameters and Structural and Electronic Properties of Octathio[8]circulene and Its Plate-like Derivatives. <i>Journal of Physical Chemistry A</i> , 2009, 113, 255-262.	2.5	35
105	Understanding the electrochemical properties of A ₂ MSiO ₄ (A = Li and Na; M = Ti, Zr, Hf) by first-principles calculations. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17455-17463.	10.3	35
106	Tailoring Coral-Like Fe ₇ Se ₈ @C for Superior Low-Temperature Li/Na-Ion Half/Full Batteries: Synthesis, Structure, and DFT Studies. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47886-47893.	8.0	35
107	Pseudocapacitive sodium storage of Fe _{1-x} S@N-doped carbon for low-temperature operation. <i>Science China Materials</i> , 2020, 63, 505-515.	6.3	35
108	A New Multifunctional Zinc-Organic Framework with Rare Interpenetrated Tripillared Bilayers as a Luminescent Probe for Detecting Ni ²⁺ and PO ₄ ³⁻ in Water. <i>Crystal Growth and Design</i> , 2020, 20, 5120-5128.	3.0	35

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109	Polarity-Reversible Conjugate Addition Tuned by Remote Electronic Effects. <i>Organic Letters</i> , 2010, 12, 244-247.	4.6	34
110	Recent advances of transformable nanoparticles for theranostics. <i>Chinese Chemical Letters</i> , 2017, 28, 1808-1816.	9.0	34
111	Bipyridyl Second Ligand Dependent Structural and Magnetic Properties of Cu(II) Complexes with Pyridine-2,6-dicarboxylate and Water Molecule as First Ligand. <i>Crystal Growth and Design</i> , 2008, 8, 3803-3809.	3.0	33
112	LiV ₃ O ₈ nanorods as cathode materials for high-power and long-life rechargeable lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 25494-25501.	3.6	33
113	Improve the Overall Performances of Lithium Ion Batteries by a Facile Method of Modifying the Surface of Cu Current Collector with Carbon. <i>Electrochimica Acta</i> , 2015, 176, 604-609.	5.2	33
114	Freestanding Na ₃ V ₂ O ₂ (PO ₄) ₂ F/Graphene Aerogels as High-Performance Cathodes of Sodium-Ion Full Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41419-41428.	8.0	33
115	Heteroatom-Substituted Expanded Radialenes: A One-Pot Synthesis and Characterization of Expanded 1,3-Dithiolane[n]radialenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 6913-6917.	3.2	32
116	Positive psychotherapy for depression and self-efficacy in undergraduate nursing students: A randomized, controlled trial. <i>International Journal of Mental Health Nursing</i> , 2017, 26, 375-383.	3.8	32
117	Hypervalent iodine(III)-mediated cyclopropanation of alkenes/alkynes under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1341.	2.8	31
118	Colloidal synthesis of greigite nanoplates with controlled lateral size for electrochemical applications. <i>Nanoscale</i> , 2015, 7, 4171-4178.	5.6	31
119	Catalytic CO oxidation by Fe doped penta-graphene: A density functional study. <i>Molecular Catalysis</i> , 2019, 470, 48-55.	2.0	31
120	Three-dimensional hierarchical Ni ₃ Se ₂ nanorod array as binder/carbon-free electrode for high-area-capacity Na storage. <i>Nanoscale</i> , 2018, 10, 18942-18948.	5.6	30
121	Design of Tetrathiafulvalene-Based Phosphazenes Combining a Good Electron-Donor Capacity and Possible Inclusion Adduct Formation (Part II). <i>Journal of Physical Chemistry C</i> , 2007, 111, 4838-4846.	3.1	29
122	Effect of one ligand substitution on charge transfer and optical properties in mer-Alq ₃ : a theoretical study. <i>Theoretical Chemistry Accounts</i> , 2009, 124, 339-344.	1.4	29
123	Synergistic Design of Cathode Region for the High-Energy-Density Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28689-28699.	8.0	29
124	Diverse Structures Based on a Heptanuclear Cobalt Cluster with 0D to 3D Metal-Organic Frameworks: Magnetism and Application in Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 1962-1970.	3.3	29
125	Theoretical investigations of the charge transfer properties of anthracene derivatives. <i>Theoretical Chemistry Accounts</i> , 2010, 127, 587-594.	1.4	28
126	Mechanistic and Kinetic Study of CF ₃ CH ₂ • + OH Reaction. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3172-3181.	2.5	28

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127	Rational design of phenoxazine-based donor-acceptor thermally activated delayed fluorescent molecules with high performance. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20014-20020.	2.8	28
128	Ground- and Excited-State Proton Transfer and Rotamerism in 2-(2-Hydroxyphenyl)-5-phenyl-1,3,4-oxadiazole and Its O/N-Substituted Derivatives. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6354-6360.	2.5	27
129	Depression of Chronic Medical Inpatients in China. <i>Archives of Psychiatric Nursing</i> , 2008, 22, 39-49.	1.4	27
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