

# Shan Gao

## List of Publications by Year in descending order

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192  
papers

5,483  
citations

81900

39  
h-index

114465

63  
g-index

194  
all docs

194  
docs citations

194  
times ranked

5375  
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile route for nitrogen-doped hollow graphitic carbon spheres with superior performance in supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 13464.	6.7	202
2	Construction of three-dimensional flower-like $\text{In}_2\text{MoO}_3$ with hierarchical structure for highly selective triethylamine sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 406-414.	7.8	202
3	Highly sensitive $\text{H}_2\text{S}$ detection sensors at low temperature based on hierarchically structured NiO porous nanowall arrays. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11991-11999.	10.3	181
4	Au-Loaded Hierarchical $\text{MoO}_3$ Hollow Spheres with Enhanced Gas-Sensing Performance for the Detection of BTX (Benzene, Toluene, And Xylene) And the Sensing Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 1661-1670.	8.0	160
5	Oxytocin, the peptide that bonds the sexes also divides them. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7650-7654.	7.1	145
6	Construction of monodisperse vanadium pentoxide hollow spheres via a facile route and triethylamine sensing property. <i>CrystEngComm</i> , 2013, 15, 10123.	2.6	140
7	In situ deposited hierarchical CuO/NiO nanowall arrays film sensor with enhanced gas sensing performance to $\text{H}_2\text{S}$ . <i>Journal of Hazardous Materials</i> , 2020, 385, 121570.	12.4	140
8	Large-Scale Synthesis of Hierarchically Porous ZnO Hollow Tubule for Fast Response to ppb-Level $\text{H}_2\text{S}$ Gas. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11627-11635.	8.0	110
9	Highly toluene sensing performance based on monodispersed $\text{Cr}_2\text{O}_3$ porous microspheres. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 325-331.	7.8	106
10	Hierarchical NiO Cube/Nitrogen-Doped Reduced Graphene Oxide Composite with Enhanced $\text{H}_2\text{S}$ Sensing Properties at Low Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26293-26303.	8.0	106
11	Fast detection of $\text{NO}_2$ by porous $\text{SnO}_2$ nanoast sensor at low temperature. <i>Journal of Hazardous Materials</i> , 2021, 419, 126414.	12.4	100
12	Local Transcriptional Control of YUCCA Regulates Auxin Promoted Root-Growth Inhibition in Response to Aluminium Stress in Arabidopsis. <i>PLoS Genetics</i> , 2016, 12, e1006360.	3.5	98
13	Ionic liquid-assisted synthesis of $\text{In}_2\text{Fe}_2\text{O}_3$ mesoporous nanorod arrays and their excellent trimethylamine gas-sensing properties for monitoring fish freshness. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19846-19856.	10.3	89
14	Facile synthesis of yolk-shell $\text{MoO}_2$ microspheres with excellent electrochemical performance as a Li-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6858.	10.3	81
15	Highly selective $\text{NO}_2$ sensor at room temperature based on nanocomposites of hierarchical nanosphere-like $\text{In}_2\text{Fe}_2\text{O}_3$ and reduced graphene oxide. <i>RSC Advances</i> , 2014, 4, 57493-57500.	3.6	81
16	A spendable gas sensor with higher sensitivity and lowest detection limit towards $\text{H}_2\text{S}$ : Porous $\text{In}_2\text{Fe}_2\text{O}_3$ hierarchical tubule derived from poplar branch. <i>Chemical Engineering Journal</i> , 2020, 392, 123679.	12.7	81
17	Oxygen-Vacancy-Enriched Porous $\text{In}_2\text{MoO}_3$ Nanosheets for Trimethylamine Sensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 8016-8026.	5.0	80
18	An ultrasensitive and ultrasensitive TEA sensor based on $\text{In}_2\text{MoO}_3$ hierarchical nanostructures and the sensing mechanism. <i>CrystEngComm</i> , 2015, 17, 6493-6503.	2.6	79

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19	A fast response/recovery ppb-level H <sub>2</sub> S gas sensor based on porous CuO/ZnO heterostructural tubule via confined effect of absorbent cotton. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126816.	7.8	77
20	Highly selective low-temperature triethylamine sensor based on Ag/Cr <sub>2</sub> O <sub>3</sub> mesoporous microspheres. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 910-918.	7.8	73
21	Highly selective ppb-level H <sub>2</sub> S sensor for spendable detection of exhaled biomarker and pork freshness at low temperature: Mesoporous SnO <sub>2</sub> hierarchical architectures derived from waste scallion root. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127662.	7.8	72
22	A novel coral-shaped Dy <sub>2</sub> O <sub>3</sub> gas sensor for high sensitivity NH <sub>3</sub> detection at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1308-1315.	7.8	64
23	Sea Buckthorn Fruit Oil Extract Alleviates Insulin Resistance through the PI3K/Akt Signaling Pathway in Type 2 Diabetes Mellitus Cells and Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1328-1336.	5.2	62
24	Rare-earth organic frameworks involving three types of architecture tuned by the lanthanide contraction effect: hydrothermal syntheses, structures and luminescence. <i>Dalton Transactions</i> , 2010, 39, 6276.	3.3	61
25	One-step synthesis of polypyrrole/Fe <sub>2</sub> O <sub>3</sub> nanocomposite and the enhanced response of NO <sub>2</sub> at low temperature. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 312-320.	9.4	55
26	Characterization of a new endo-type polysaccharide lyase (PL) family 6 alginate lyase with cold-adapted and metal ions-resisted property. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 729-735.	7.5	54
27	High selectivity to ppb-level HCHO sensor based on mesoporous tubular SnO <sub>2</sub> at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 664-672.	7.8	53
28	Self-Assembly of Discrete Metallocycle versus Coordination Polymer Based on Silver(I) and Di-2- and Di-3-pyridines with Flexible Spacer. <i>Crystal Growth and Design</i> , 2008, 8, 3277-3284.	3.0	52
29	Enhanced H <sub>2</sub> S gas-sensing performance of Zn <sub>2</sub> SnO <sub>4</sub> hierarchical quasi-microspheres constructed from nanosheets and octahedra. <i>Journal of Hazardous Materials</i> , 2019, 361, 49-55.	12.4	52
30	Novel sensitive amperometric hydrogen peroxide sensor using layered hierarchical porous $\delta$ -MoO <sub>3</sub> and GO modified glass carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 641-648.	7.8	50
31	Well-Designed Strategy To Construct Helical Silver(I) Coordination Polymers from Flexible Unsymmetrical Bis(pyridyl) Ligands: Syntheses, Structures, and Properties. <i>Inorganic Chemistry</i> , 2013, 52, 5914-5923.	4.0	47
32	Syntheses, Structures, and Luminescent Properties of Silver(I) Complexes Constructed from <i>ortho</i> -Hydroxyl Arenesulfonic Acids. <i>Crystal Growth and Design</i> , 2011, 11, 3090-3100.	3.0	45
33	C-doped TiO <sub>2</sub> nanoparticles to detect alcohols with different carbon chains and their sensing mechanism analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 312, 127942.	7.8	45
34	New Family of Silver(I) Complexes Based on Hydroxyl and Carboxyl Groups Decorated Arenesulfonic Acid: Syntheses, Structures, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2011, 50, 12562-12574.	4.0	43
35	Biomass-derived hierarchical porous ZnO microtubules for highly selective detection of ppb-level nitric oxide at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129627.	7.8	42
36	Dual resistance to alkali metals and SO <sub>2</sub> : vanadium and cerium supported on sulfated zirconia as an efficient catalyst for NH <sub>3</sub> -SCR. <i>Catalysis Science and Technology</i> , 2016, 6, 8148-8156.	4.1	41

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37	Morphology controllable Fe <sub>2</sub> O <sub>3</sub> nanostructures derived from Fe-based metal-organic frameworks for enhanced humidity sensing performances. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126744.	7.8	41
38	CuMn <sub>2</sub> O <sub>4</sub> Spinel Nanoflakes for Amperometric Detection of Hydrogen Peroxide. <i>ACS Applied Nano Materials</i> , 2021, 4, 6832-6843.	5.0	41
39	A series of three-dimensional lanthanide metal-organic frameworks with biphenylethene-4,4'-dicarboxylic acid: Hydrothermal syntheses and structures. <i>CrystEngComm</i> , 2010, 12, 1526.	2.6	40
40	A hollow urchin-like $\gamma$ -MnO <sub>2</sub> as an electrochemical sensor for hydrogen peroxide and dopamine with high selectivity and sensitivity. <i>Mikrochimica Acta</i> , 2019, 186, 210.	5.0	40
41	Recent Development of Hierarchical Metal Oxides Based Gas Sensors: From Gas Sensing Performance to Applications. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	39
42	Large-scale synthesis of NiS@N and S co-doped carbon mesoporous tubule as high performance anode for lithium-ion battery. <i>Journal of Alloys and Compounds</i> , 2019, 788, 984-992.	5.5	38
43	Rapid and accurate detection of highly toxic NO <sub>2</sub> gas based on catkins biomass-derived porous In <sub>2</sub> O <sub>3</sub> microtubes at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131692.	7.8	38
44	Construction of SnO <sub>2</sub> nanoneural network by ultrasmall particles for highly selective NO <sub>2</sub> detection at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131703.	7.8	37
45	In-situ deposited flower-like Bi <sub>2</sub> MoO <sub>6</sub> microspheres thin film based sensors for highly selective detection of ppb-level H <sub>2</sub> S at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 681-690.	7.8	36
46	Syntheses and structures of copper(i) complexes based on Cu <sub>n</sub> X <sub>n</sub> (X = Br and I; n = 1, 2 and 4) units and bis(pyridyl) ligands with longer flexible spacer. <i>Dalton Transactions</i> , 2010, 39, 10038.	3.3	35
47	Co <sub>3</sub> O <sub>4</sub> Hollow Nanosphere-Decorated Graphene Sheets for H <sub>2</sub> S Sensing near Room Temperature. <i>ACS Applied Nano Materials</i> , 2019, 2, 5409-5419.	5.0	35
48	Low concentration H <sub>2</sub> S detection of CdO-decorated hierarchically mesoporous NiO nanofilm with wrinkle structure. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 706-713.	7.8	34
49	Highly selective ppb-level H <sub>2</sub> S sensor based on the walnut-like Bi <sub>2</sub> MoO <sub>6</sub> at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 312-319.	7.8	34
50	A Co-Crystal Strategy to Tune the Supramolecular Patterns and Luminescent Properties: Ten Well-Designed Salts Assembled by Arenedisulfonic Acid with Diverse Diamines. <i>Crystal Growth and Design</i> , 2012, 12, 3342-3355.	3.0	33
51	3D hierarchical hollow hydrangea-like Fe <sub>3</sub> O <sub>4</sub> -MnO <sub>2</sub> microspheres with excellent electrochemical performance for dopamine and hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2019, 133, 250-257.	10.1	33
52	Superior acetone sensor based on single-crystalline $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> mesoporous nanospheres via [C12mim][BF <sub>4</sub> ]-assistant synthesis. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 967-977.	7.8	32
53	Identification of a lytic <i>Pseudomonas aeruginosa</i> phage depolymerase and its anti-biofilm effect and bactericidal contribution to serum. <i>Virus Genes</i> , 2019, 55, 394-405.	1.6	32
54	Bi-template synthesis of mesoporous $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> hierarchical structure with assisted pseudocapacitive as an anode for long-life lithium ion batteries. <i>Ceramics International</i> , 2021, 47, 3772-3779.	4.8	31

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55	A two-dimensional Cd(II) coordination polymer: [Cd(1,4-BDOA)(1,10-phen)]·H <sub>2</sub> O with strong blue fluorescent emission constructed by benzene-1,4-dioxydiacetate ligand. <i>Inorganic Chemistry Communication</i> , 2005, 8, 361-364.	3.9	30
56	Syntheses, crystal structures and properties of transition metal coordination polymers based on isophthalic acid and flexible bis(pyridyl) ligand with unsymmetrical spacer: influence of metal cations, ligand conformations and coordination modes. <i>CrystEngComm</i> , 2012, 14, 6548.	2.6	30
57	Superior NO <sub>x</sub> photocatalytic removal over hybrid hierarchical Bi/BiOI with high non-NO <sub>2</sub> selectivity: synergistic effect of oxygen vacancies and bismuth nanoparticles. <i>Catalysis Science and Technology</i> , 2018, 8, 5270-5279.	4.1	30
58	A highly sensitive and selective nitric oxide/butanone temperature-dependent sensor based on waste biomass-derived mesoporous SnO <sub>2</sub> hierarchical microtubes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14411-14422.	10.3	30
59	A series of silver(I) pyridone-sulfonates with 1-D "butterfly" chain, 2-D lamellar network and 3-D pillared layered frameworks: syntheses, structures and characterizations. <i>Dalton Transactions</i> , 2009, , 6552.	3.3	29
60	Highly selective and efficient adsorption dyes self-assembled by 3D hierarchical architecture of molybdenum oxide. <i>RSC Advances</i> , 2015, 5, 85248-85255.	3.6	29
61	Ladder chain Cd-based polymer as a highly effective adsorbent for removal of Congo red. <i>Ecotoxicology and Environmental Safety</i> , 2019, 178, 221-229.	6.0	29
62	Poplar branch bio-template synthesis of mesoporous hollow Co <sub>3</sub> O <sub>4</sub> hierarchical architecture as an anode for long-life lithium ion batteries. <i>Ceramics International</i> , 2020, 46, 29033-29040.	4.8	29
63	Biomass-derived porous ZnO hierarchical microtubules for conductometric detection of n-butanol vapor. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130293.	7.8	29
64	Preparation of highly crystalline NiO meshed nanowalls via ammonia volatilization liquid deposition for H <sub>2</sub> S detection. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 39-50.	9.4	27
65	Biochemical characteristics and molecular mechanism of an exo-type alginate lyase VxAlly7D and its use for the preparation of unsaturated monosaccharides. <i>Biotechnology for Biofuels</i> , 2020, 13, 99.	6.2	27
66	Coral-like CoMoO <sub>4</sub> hierarchical structure uniformly encapsulated by graphene-like N-doped carbon network as an anode for high-performance lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 11-19.	9.4	27
67	Controllable construction of ZnFe <sub>2</sub> O <sub>4</sub> -based micro-nano heterostructure for the rapid detection and degradation of VOCs. <i>Journal of Hazardous Materials</i> , 2022, 435, 129005.	12.4	27
68	Inorganic anion induced supramolecular architectures and luminescent properties of flexible bis(pyridyl) based ionic salts. <i>CrystEngComm</i> , 2011, 13, 6632.	2.6	26
69	Ionic liquid assisted synthesis of snowflake ZnO for detection of NO <sub>x</sub> and sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127085.	7.8	26
70	Cooperative modulation of Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> microstructure derived from absorbent cotton for enhanced gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129126.	7.8	26
71	Self-assembly of [Cu <sub>3</sub> Ln <sub>2</sub> ]- or [Cu] <sub>n</sub> -based (n = 2, 4, and ∞) coordination polymers from unsymmetrical bis(pyridyl) and in situ ligands: syntheses, structures, and properties. <i>CrystEngComm</i> , 2014, 16, 359-368.	2.6	25
72	Gated recurrent unit-based heart sound analysis for heart failure screening. <i>BioMedical Engineering OnLine</i> , 2020, 19, 3.	2.7	25

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73	Ultra-high response and low temperature NO <sub>2</sub> sensor based on mesoporous SnO <sub>2</sub> hierarchical microtubes synthesized by biotemplating process. <i>Sensors and Actuators B: Chemical</i> , 2022, 363, 131852.	7.8	25
74	Structure modulations in luminescent alkaline earth metal-sulfonate complexes constructed from dihydroxyl-1,5-benzenedisulfonic acid: Influences of metal cations, coordination modes and pH value. <i>CrystEngComm</i> , 2012, 14, 6675.	2.6	24
75	Monodispersed hollow Fe <sub>3</sub> O <sub>4</sub> ellipsoids via [C12mim][PF <sub>6</sub> ]-assistant synthesis and their excellent n-butanol gas-sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128796.	7.8	24
76	High-damping polyurethane/hollow glass microspheres sound insulation materials: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49970.	2.6	23
77	Porous Cr <sub>2</sub> O <sub>3</sub> Architecture Assembled by Nano-Sized Cylinders/Ellipsoids for Enhanced Sensing to Trace H <sub>2</sub> S Gas. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22302-22312.	8.0	23
78	Rare earth metal-organic complexes constructed from hydroxyl and carboxyl modified arenesulfonate: syntheses, structure evolutions, and ultraviolet, visible and near-infrared luminescence. <i>Dalton Transactions</i> , 2017, 46, 16493-16504.	3.3	22
79	Novel neuron-network-like Cu-MoO <sub>2</sub> /C composite derived from bimetallic organic framework for highly efficient detection of hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2021, 1143, 73-83.	5.4	21
80	Effect of ligand configurations, secondary Pb-O interactions and auxiliary ligands on Pb(II)-mono/disulfonate complexes: syntheses, structures, and luminescence properties. <i>CrystEngComm</i> , 2017, 19, 1778-1791.	2.6	20
81	High efficient and selective removal of Pb <sup>2+</sup> through formation of lead molybdate on Fe-MoO <sub>3</sub> porous nanosheets array. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 80-88.	9.4	20
82	Potential Anti-Tumor Drug: Co-Crystal 5-Fluorouracil-nicotinamide. <i>ACS Omega</i> , 2020, 5, 15777-15782.	3.5	20
83	Development of Effective Tumor Vaccine Strategies Based on Immune Response Cascade Reactions. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100299.	7.6	20
84	Enhanced non-enzyme nitrite electrochemical sensing property based on stir bar-shaped ZnO nanorods decorated with nitrogen-doped reduced graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131313.	7.8	20
85	The first continuous silver polyhedra framework containing four kinds of coordination spheres. <i>Dalton Transactions</i> , 2009, , 1290.	3.3	19
86	Macrocyclic dinuclear, helical, layered and 3-D Ag(I) complexes constructed from AgX (X = Cl, Br, I) with a chelating spacer: syntheses, structures and photoluminescence properties. <i>Dalton Transactions</i> , 2015, 44, 5837-5847.	3.3	19
87	Synthesis of Zn <sub>2</sub> SnO <sub>4</sub> octahedron with enhanced H <sub>2</sub> S gas-sensing performance. <i>Polyhedron</i> , 2018, 151, 510-514.	2.2	19
88	Enhanced H <sub>2</sub> S Gas-Sensing Performance of Zn <sub>2</sub> SnO <sub>4</sub> Lamellar Micro-Spheres. <i>Frontiers in Chemistry</i> , 2018, 6, 165.	3.6	18
89	Biomass-Derived Graphitic Carbon/Co <sub>3</sub> O <sub>4</sub> Nanocomposites with Pseudocapacitance for Lithium Storage. <i>ACS Applied Nano Materials</i> , 2021, 4, 1340-1350.	5.0	18
90	Co <sub>3</sub> O <sub>4</sub> /carbon hollow nanospheres for resistive monitoring of gaseous hydrogen sulfide and for nonenzymatic amperometric sensing of dissolved hydrogen peroxide. <i>Mikrochimica Acta</i> , 2019, 186, 184.	5.0	17

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91	Carbon-Doping Mesoporous $\text{Mo}_2\text{C}$ Aggregates for Nanomolar Electrochemical Detection of Hydrogen Peroxide. <i>ACS Applied Nano Materials</i> , 2020, 3, 7499-7507.	5.0	17
92	Echinus-like $\text{Cu@Mo}_2\text{C}/\text{C}$ yolk-shell composites for ultrasensitive detection of hydrogen peroxide. <i>Electrochimica Acta</i> , 2021, 373, 137908.	5.2	17
93	Template-free synthesis of a wafer-sized polyaniline nanoscale film with high electrical conductivity for trace ammonia gas sensing. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12150-12156.	10.3	17
94	Four Alkali-Induced 3D Strontium(II) Coordination Polymers Constructed from Imidazole-4,5-dicarboxylate: Syntheses, Crystal Structures, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5506-5514.	2.0	16
95	High impact resistance epoxy resins by incorporation of quadruply hydrogen bonded supramolecular polymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 850-857.	3.8	16
96	Microtubular $\text{Fe}_2\text{O}_3/\text{Fe}_2(\text{MoO}_4)_3$ heterostructure derived from absorbent cotton for enhanced ppb-level $\text{H}_2\text{S}$ gas-sensing performance. <i>Journal of Alloys and Compounds</i> , 2021, 867, 158994.	5.5	16
97	Research progress of tumor targeted drug delivery based on PD-1/PD-L1. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121527.	5.2	16
98	Rare Organosilver(I) Coordination Polymers Constructed from Hydroxyl-Substituted Benzenesulfonic Acids: Syntheses, Structures and Characterizations. <i>Organometallics</i> , 2011, 30, 1961-1967.	2.3	15
99	$\text{Cd}(\text{II})$ coordination polymers constructed from bis(pyridyl) ligands with an asymmetric spacer in chelating mode and diverse organic dicarboxylates: syntheses, structural evolutions and properties. <i>Dalton Transactions</i> , 2019, 48, 7589-7601.	3.3	15
100	Scallion root biotemplate synthesis of mesoporous $\text{Co}_3\text{O}_4$ hierarchical structure for high capacity and long-lived lithium ion battery anode. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158772.	5.5	15
101	Bio-template synthesis of $\text{CeO}_2$ ultrathin nanosheets for highly selective and sensitive detection of ppb-level p-xylene vapor. <i>Ceramics International</i> , 2022, 48, 1550-1559.	4.8	15
102	A predictive analysis on the risk of peste des petits ruminants in livestock in the Trans-Himalayan region and validation of its transboundary transmission paths. <i>PLoS ONE</i> , 2021, 16, e0257094.	2.5	15
103	Spinel $\text{CoMn}_2\text{O}_4$ hollow nanospheres for very wide linear and sensitive detection of hydrogen peroxide. <i>Journal of Alloys and Compounds</i> , 2022, 897, 163158.	5.5	15
104	Ionic liquid-assisted synthesis of 2D porous lotus root slice-shaped $\text{NiO}$ nanomaterials for selective and highly sensitive detection of $\text{N}_2\text{H}_4$ . <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131529.	7.8	15
105	Biotemplate-directed synthesis of $\text{Cr}_2\text{O}_3$ mesoporous nanotubes for enhanced sensing to trace $\text{H}_2\text{S}$ gas. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132294.	7.8	15
106	Syntheses, structures, and properties of silver(I) polymeric architectures assembled by [2+2] or [2+3] metallomacrocyclic motif and angular ligands. <i>Polyhedron</i> , 2010, 29, 3207-3213.	2.2	14
107	Syntheses, crystal structures and luminescent properties of $\text{Zn}(\text{II})/\text{Cd}(\text{II})$ supramolecular complexes incorporating 4-sulfino benzoate and its in situ oxidized ligand. <i>CrystEngComm</i> , 2012, 14, 3501.	2.6	14
108	Supercapacitor performance of hollow carbon spheres by direct pyrolysis of melamine-formaldehyde resin spheres. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 735-742.	2.6	14

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109	Highly Sensitive and Selective Detection of Long-Chain Alcohol Vapors Based on Keel-Type ZnO Fibers Derived from Waste Cigarette Butts. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5838-5848.	6.7	14
110	Solvent Effect on the Supramolecular Patterns and Luminescent Properties of Organic Salts Comprising Naphthalene-1,5-disulfonic Acid and Triphenylmethylamine. <i>Crystal Growth and Design</i> , 2014, 14, 2381-2393.	3.0	13
111	Progressive collapse analysis of 20-storey building considering composite action of floor slab. <i>International Journal of Steel Structures</i> , 2015, 15, 447-458.	1.3	13
112	Syntheses, Structural Evolutions, and Properties of Cd(II) Coordination Polymers Induced by Bis(pyridyl) Ligand with Chelated or Protonated Spacer and Diverse Counteranions. <i>Crystal Growth and Design</i> , 2017, 17, 2667-2681.	3.0	13
113	H3IDC-assisted synthesis of mesoporous ultrafine Co <sub>3</sub> O <sub>4</sub> /N-doped carbon nanowires as a high rate and long-life anode for Lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 818, 152826.	5.5	13
114	Ionic liquid([C12mim][PF <sub>6</sub> ])-assisted synthesis of TiO <sub>2</sub> /Ti <sub>2</sub> O (PO <sub>4</sub> ) <sub>2</sub> nanosheets and the chemoresistive gas sensing of trimethylamine. <i>Mikrochimica Acta</i> , 2021, 188, 74.	5.0	13
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