

Shan Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bio-template synthesis of 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
2	Tailoring Oxygen Vacancy of Co ₃ O ₄ Microcubes by Annealing Co ₃ [Co(CN) ₆] ₂ Template in Air for Ultrasensitive Humidity Mapping. <i>Small Structures</i> , 2022, 3, .	12.0	10
3	Non-enzymatic nitrite amperometric sensor fabricated with near-spherical ZnO nanomaterial. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112313.	5.0	9
4	Spinel CoMn ₂ 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
5	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
6	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
7	In-situ deposition of POMA/ZnO nanorods array film by vapor phase polymerization for detection of trace ammonia in human exhaled breath at room temperature. <i>Analytica Chimica Acta</i> , 2022, 1199, 339563.	5.4	5
8	Facile preparation of wear-resistant and anti-corrosion films on magnesium alloy. <i>Surface Engineering</i> , 2022, 38, 22-29.	2.2	9
9	Tailoring Oxygen Vacancy of Co ₃ O ₄ Microcubes by Annealing Co ₃ [Co(CN) ₆] ₂ Template in Air for Ultrasensitive Humidity Mapping. <i>Small Structures</i> , 2022, 3, .	12.0	4
10	Ionic liquid-assisted synthesis of 2D porous lotus root slice-shaped NiO nanomaterials for selective and highly sensitive detection of N ₂ H ₄ . <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131529.	7.8	15
11	Tumor microenvironment-responsive size-switchable drug delivery nanosystems. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 221-234.	5.0	11
12	Mesoporous Tubes Composed of Graphitic Carbon-Doped Co ₃ O ₄ Nanoparticles for Lithium Storage. <i>ACS Applied Nano Materials</i> , 2022, 5, 3889-3899.	5.0	11
13	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
14	Relationship Between Somatic Cell Counts and Mammary Gland Parenchyma Ultrasonography in Buffaloes. <i>Frontiers in Veterinary Science</i> , 2022, 9, 842105.	2.2	3
15	Predicting the possibility of African horse sickness (AHS) introduction into China using spatial risk analysis and habitat connectivity of <i>Culicoides</i> . <i>Scientific Reports</i> , 2022, 12, 3910.	3.3	8
16	Full-Length Genome of an <i>Ogataea polymorpha</i> Strain CBS4732 <i>ura3⁺</i> Reveals Large Duplicated Segments in Subtelomeric Regions. <i>Frontiers in Microbiology</i> , 2022, 13, 855666.	3.5	4
17	Rapid and accurate detection of highly toxic NO ₂ gas based on catkins biomass-derived porous In ₂ O ₃ microtubes at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131692.	7.8	38
18	Construction of SnO ₂ nanoneural network by ultrasmall particles for highly selective NO ₂ detection at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131703.	7.8	37

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19	Light-enhanced NO ₂ sensing performance and sensing mechanism of flower-like Cl uniformly doped In ₂ O ₃ . <i>Applied Surface Science</i> , 2022, 590, 153033.	6.1	11
20	Biomorphic ZnO Nanotubes for <i>n</i> -Pentanol Sensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 737-746.	5.0	5
21	Ultra-high response and low temperature NO ₂ sensor based on mesoporous SnO ₂ hierarchical microtubes synthesized by biotemplating process. <i>Sensors and Actuators B: Chemical</i> , 2022, 363, 131852.	7.8	25
22	T- and Tâ€²-type layered perovskite Ln ₂ CuO ₄ nanocrystals for enhanced sensing detection of hydrogen peroxide. <i>Journal of Alloys and Compounds</i> , 2022, 911, 165037.	5.5	13
23	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
24	Porous Cr ₂ O ₃ Architecture Assembled by Nano-Sized Cylinders/Ellipsoids for Enhanced Sensing to Trace H ₂ S Gas. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22302-22312.	8.0	23
25	Highly sensitive and selective nitric oxide sensor based on biomorphic ZnO microtubes with dual-defects assistance at low temperature. <i>Chemical Engineering Journal</i> , 2022, 446, 136846.	12.7	8
26	Controllable construction of ZnFe ₂ O ₄ -based micro-nano heterostructure for the rapid detection and degradation of VOCs. <i>Journal of Hazardous Materials</i> , 2022, 435, 129005.	12.4	27
27	A highly sensitive and selective nitric oxide/butanone temperature-dependent sensor based on waste biomass-derived mesoporous SnO ₂ hierarchical microtubes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14411-14422.	10.3	30
28	Biotemplate-directed synthesis of Cr ₂ O ₃ mesoporous monotubes for enhanced sensing to trace H ₂ S gas. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132294.	7.8	15
29	Facile synthesis of copper and carbon co-doped peanut shell-like Mo ₂ C/Mo ₃ P electrocatalysts for ultra-sensitive amperometric detection of hydrogen peroxide. <i>Microchemical Journal</i> , 2022, 181, 107795.	4.5	4
30	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
31	Biotemplate synthesis of mesoporous γ -Fe ₂ O ₃ 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
32	Monodispersed hollow γ -Fe ₂ O ₃ ellipsoids via [C12mim][PF ₆]-assistant synthesis and their excellent n-butanol gas-sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128796.	7.8	24
33	Cooperative modulation of Fe ₂ (MoO ₄) ₃ microstructure derived from absorbent cotton for enhanced gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129126.	7.8	26
34	Novel neuron-network-like Cuâ€“MoO ₂ /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
35	Coral-like CoMoO ₄ 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
36	Ionic liquid([C12mim][PF ₆])-assisted synthesis of TiO ₂ /Ti ₂ O (PO ₄) ₂ nanosheets and the chemoresistive gas sensing of trimethylamine. <i>Mikrochimica Acta</i> , 2021, 188, 74.	5.0	13

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37	Echinus-like Cu@Mo ₂ C/C yolk-shell composites for ultrasensitive detection of hydrogen peroxide. <i>Electrochimica Acta</i> , 2021, 373, 137908.	5.2	17
38	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
39	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
40	A Dual-Polarized Millimeter Wave Antenna with Enhanced Port Isolation Based on LTCC Technology for 5G Applications. , 2021, , .		1
41	Scallion root biotemplate synthesis of mesoporous Co ₃ 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
42	Development of Effective Tumor Vaccine Strategies Based on Immune Response Cascade Reactions. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100299.	7.6	20
43	Graphitic Carbon-Doped Mesoporous Fe ₂ O ₃ Nanoparticles for Long-Life Li-Ion Anodes. <i>ACS Applied Nano Materials</i> , 2021, 4, 6689-6699.	5.0	11
44	Microtubular ±Fe ₂ O ₃ /Fe ₂ (MoO ₄) ₃ heterostructure derived from absorbent cotton for enhanced ppb-level H ₂ S gas-sensing performance. <i>Journal of Alloys and Compounds</i> , 2021, 867, 158994.	5.5	16
45	Bimetallic MOFs-derived coral-like Ag-Mo ₂ C/C interwoven nanorods for amperometric detection of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2021, 188, 234.	5.0	7
46	CuMn ₂ O ₄ Spinel Nanoflakes for Amperometric Detection of Hydrogen Peroxide. <i>ACS Applied Nano Materials</i> , 2021, 4, 6832-6843.	5.0	41
47	KCl-Modified Dy ₂ O ₃ Nanospheres with Humidity Response for Human Respiration Monitoring. <i>ACS Applied Nano Materials</i> , 2021, 4, 9113-9122.	5.0	8
48	Absorbent cotton derived mesoporous CeO ₂ hollow tubule for enhanced detection of p-xylene at low energy consumption. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159774.	5.5	12
49	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
50	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
51	Fast detection of NO ₂ by porous SnO ₂ nanoast sensor at low temperature. <i>Journal of Hazardous Materials</i> , 2021, 419, 126414.	12.4	100
52	Facile tree leaf-templated synthesis of mesoporous CeO ₂ nanosheets for enhanced sensing detection of p-xylene vapors. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161735.	5.5	8
53	Biomass-Derived Graphitic Carbon/Co ₃ O ₄ Nanocomposites with Pseudocapacitance for Lithium Storage. <i>ACS Applied Nano Materials</i> , 2021, 4, 1340-1350.	5.0	18
54	A rational design of layered metal-organic framework towards high-performance adsorption of hazardous organic dye. <i>Dalton Transactions</i> , 2021, 50, 7818-7825.	3.3	13

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55	Interfacial Microstructure Analysis of AZ31 Magnesium Alloy during Plastic Deformation Bonding Processes, 2021, 9, 1857.	2.8	3
56	Identification of Release Habitat of Captive-bred Mammals Demonstrated for Giant Panda in Sichuan Province, China. Biology Bulletin, 2021, 48, 850-860.	0.5	1
57	Ionic liquid assisted synthesis of snowflake ZnO for detection of NOx and sensing mechanism. Sensors and Actuators B: Chemical, 2020, 303, 127085.	7.8	26
58	One-step synthesis of polypyrrole/Fe ₂ O ₃ nanocomposite and the enhanced response of NO ₂ at low temperature. Journal of Colloid and Interface Science, 2020, 560, 312-320.	9.4	55
59	Ionic liquid-assisted synthesis of tungsten oxide nanoparticles with enhanced NO ₂ sensing properties at near room temperature. Applied Surface Science, 2020, 505, 144533.	6.1	12
60	H3IDC-assisted synthesis of mesoporous ultrafine Co ₃ O ₄ /N-doped carbon nanowires as a high rate and long-life anode for Lithium-ion batteries. Journal of Alloys and Compounds, 2020, 818, 152826.	5.5	13
61	Highly selective ppb-level H ₂ S sensor for spendable detection of exhaled biomarker and pork freshness at low temperature: Mesoporous SnO ₂ hierarchical architectures derived from waste scallion root. Sensors and Actuators B: Chemical, 2020, 307, 127662.	7.8	72
62	In situ deposited hierarchical CuO/NiO nanowall arrays film sensor with enhanced gas sensing performance to H ₂ S. Journal of Hazardous Materials, 2020, 385, 121570.	12.4	140
63	A spendable gas sensor with higher sensitivity and lowest detection limit towards H ₂ S: Porous γ -Fe ₂ O ₃ hierarchical tubule derived from poplar branch. Chemical Engineering Journal, 2020, 392, 123679.	12.7	81
64	Coca-Cola solvothermal synthesis of mesoporous SnO ₂ blooming flower-like architecture assembled from single crystal nanorods and its gas sensing properties. Powder Technology, 2020, 375, 463-471.	4.2	3
65	Poplar branch bio-template synthesis of mesoporous hollow Co ₃ O ₄ hierarchical architecture as an anode for long-life lithium ion batteries. Ceramics International, 2020, 46, 29033-29040.	4.8	29
66	Carbon-Doping Mesoporous γ -Mo ₂ C Aggregates for Nanomolar Electrochemical Detection of Hydrogen Peroxide. ACS Applied Nano Materials, 2020, 3, 7499-7507.	5.0	17
67	Synthesis of ZnO@poly-o-methoxyaniline nanosheet composite for enhanced NH ₃ -sensing performance at room temperature. Mikochimica Acta, 2020, 187, 510.	5.0	3
68	Biochemical characteristics and molecular mechanism of an exo-type alginate lyase VxAlly7D and its use for the preparation of unsaturated monosaccharides. Biotechnology for Biofuels, 2020, 13, 99.	6.2	27
69	C-doped TiO ₂ nanoparticles to detect alcohols with different carbon chains and their sensing mechanism analysis. Sensors and Actuators B: Chemical, 2020, 312, 127942.	7.8	45
70	Potential Anti-Tumor Drug: Co-Crystal 5-Fluorouracil-nicotinamide. ACS Omega, 2020, 5, 15777-15782.	3.5	20
71	Gated recurrent unit-based heart sound analysis for heart failure screening. BioMedical Engineering OnLine, 2020, 19, 3.	2.7	25
72	Enhanced H ₂ S gas-sensing performance of Zn ₂ SnO ₄ hierarchical quasi-microspheres constructed from nanosheets and octahedra. Journal of Hazardous Materials, 2019, 361, 49-55.	12.4	52

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73	Co ₃ O ₄ Hollow Nanosphere-Decorated Graphene Sheets for H ₂ S Sensing near Room Temperature. ACS Applied Nano Materials, 2019, 2, 5409-5419.	5.0	35
74	A fast response/recovery ppb-level H ₂ S gas sensor based on porous CuO/ZnO heterostructural tubule via confined effect of absorbent cotton. Sensors and Actuators B: Chemical, 2019, 297, 126816.	7.8	77
75	Structural variation from linear, layer to 3D framework: Syntheses, structures and luminescence. Applied Organometallic Chemistry, 2019, 33, e5056.	3.5	1
76	Assembled synthesis of luminescent mono/double-layered 2D and 3D Zn(II)-based coordination polymers tuned by flexible bis(pyridyl)propane-1,2-diamines and diverse organic dicarboxylates. Applied Organometallic Chemistry, 2019, 33, e5236.	3.5	3
77	Morphology controllable Fe ₂ O ₃ nanostructures derived from Fe-based metal-organic frameworks for enhanced humidity sensing performances. Sensors and Actuators B: Chemical, 2019, 297, 126744.	7.8	41
78	Ladder chain Cd-based polymer as a highly effective adsorbent for removal of Congo red. Ecotoxicology and Environmental Safety, 2019, 178, 221-229.	6.0	29
79	Large-scale synthesis of NiS@N and S co-doped carbon mesoporous tubule as high performance anode for lithium-ion battery. Journal of Alloys and Compounds, 2019, 788, 984-992.	5.5	38
80	3D hierarchical hollow hydrangea-like Fe ₃ O ₄ -MnO ₂ microspheres with excellent electrochemical performance for dopamine and hydrogen peroxide. Biosensors and Bioelectronics, 2019, 133, 250-257.	10.1	33
81	Cd(II) coordination polymers constructed from bis(pyridyl) ligands with an asymmetric spacer in chelating mode and diverse organic dicarboxylates: syntheses, structural evolutions and properties. Dalton Transactions, 2019, 48, 7589-7601.	3.3	15
82	Novel sensitive amperometric hydrogen peroxide sensor using layered hierarchical porous γ -MoO ₃ and GO modified glass carbon electrode. Sensors and Actuators B: Chemical, 2019, 288, 641-648.	7.8	50
83	Identification of a lytic Pseudomonas aeruginosa phage depolymerase and its anti-biofilm effect and bactericidal contribution to serum. Virus Genes, 2019, 55, 394-405.	1.6	32
84	A hollow urchin-like γ -MnO ₂ as an electrochemical sensor for hydrogen peroxide and dopamine with high selectivity and sensitivity. Mikrochimica Acta, 2019, 186, 210.	5.0	40
85	Large-Scale Synthesis of Hierarchically Porous ZnO Hollow Tubule for Fast Response to ppb-Level H ₂ S Gas. ACS Applied Materials & Interfaces, 2019, 11, 11627-11635.	8.0	110
86	Co ₃ O ₄ /carbon hollow nanospheres for resistive monitoring of gaseous hydrogen sulfide and for nonenzymatic amperometric sensing of dissolved hydrogen peroxide. Mikrochimica Acta, 2019, 186, 184.	5.0	17
87	A series of helical coordination polymers based on two racemic bis(pyridylmethylene) propane-1,2-diamine ligands: relationship of conformations, structures and properties. CrystEngComm, 2019, 21, 7249-7259.	2.6	5
88	Oxygen-Vacancy-Enriched Porous γ -MoO ₃ Nanosheets for Trimethylamine Sensing. ACS Applied Nano Materials, 2019, 2, 8016-8026.	5.0	80
89	Preparation of highly crystalline NiO meshed nanowalls via ammonia volatilization liquid deposition for H ₂ S detection. Journal of Colloid and Interface Science, 2019, 540, 39-50.	9.4	27
90	Structure evolution and luminescence properties of lithium(i)-sulfonate complexes constructed from multifunctional arene-disulfonic acids. CrystEngComm, 2018, 20, 2968-2979.	2.6	5

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91	Syntheses and characterizations of secondary Pb–O bonding supported Pb(II)-sulfonate complexes. <i>Journal of Solid State Chemistry</i> , 2018, 262, 214-223.	2.9	8
92	A novel coral-shaped Dy ₂ O ₃ gas sensor for high sensitivity NH ₃ detection at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1308-1315.	7.8	64
93	Cooperative effects of metal cations and coordination modes on luminescent s-block metal–organic complexes constructed from V-shaped 4,4'-sulfonyldiphenol. <i>CrystEngComm</i> , 2018, 20, 7513-7525.	2.6	11
94	Superior NO _x photocatalytic removal over hybrid hierarchical Bi/BiOI with high non-NO ₂ selectivity: synergistic effect of oxygen vacancies and bismuth nanoparticles. <i>Catalysis Science and Technology</i> , 2018, 8, 5270-5279.	4.1	30
95	Highly selective ppb-level H ₂ S sensor based on the walnut-like Bi ₂ MoO ₆ at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 312-319.	7.8	34
96	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
97	Synthesis of Zn ₂ SnO ₄ octahedron with enhanced H ₂ S gas-sensing performance. <i>Polyhedron</i> , 2018, 151, 510-514.	2.2	19
98	Enhanced H ₂ S Gas-Sensing Performance of Zn ₂ SnO ₄ Lamellar Micro-Spheres. <i>Frontiers in Chemistry</i> , 2018, 6, 165.	3.6	18
99	Structure and luminescence variations in Cd(II) mixed-ligands coordination compounds influenced by coordination modes of naphthalene-1,5-disulfonate and configuration of flexible bis(pyridyl) ligands. <i>Polyhedron</i> , 2017, 126, 166-173.	2.2	1
100	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
101	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
102	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
103	Syntheses and characterizations of multinuclear, chain and layer silver(I) complexes assembled from bispyridine analogues of pyridinyl-hexahydropyrimidine. <i>Journal of Solid State Chemistry</i> , 2017, 251, 255-265.	2.9	3
104	High selectivity to ppb-level HCHO sensor based on mesoporous tubular SnO ₂ at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 664-672.	7.8	53
105	In-situ deposited flower-like Bi ₂ MoO ₆ microspheres thin film based sensors for highly selective detection of ppb-level H ₂ S at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 681-690.	7.8	36
106	High efficient and selective removal of Pb ²⁺ through formation of lead molybdate on β -MoO ₃ porous nanosheets array. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 80-88.	9.4	20
107	Au-Loaded Hierarchical 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 & Interfaces</i> , 2017, 9, 1661-1670.	8.0	160
108	Ionic liquid-assisted synthesis of β -Fe ₂ 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

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109	Rare earth metal-organic complexes constructed from hydroxyl and carboxyl modified arenesulfonate: syntheses, structure evolutions, and ultraviolet, visible and near-infrared luminescence. Dalton Transactions, 2017, 46, 16493-16504.	3.3	22
110	Hierarchical NiO Cube/Nitrogen-Doped Reduced Graphene Oxide Composite with Enhanced H ₂ S Sensing Properties at Low Temperature. ACS Applied Materials & Interfaces, 2017, 9, 26293-26303.	8.0	106
111	Superior acetone sensor based on single-crystalline γ -Fe ₂ O ₃ mesoporous nanospheres via [C12mim][BF ₄]-assistant synthesis. Sensors and Actuators B: Chemical, 2017, 241, 967-977.	7.8	32
112	Influence of the [CuI] (n= 2 and 6) clusters and conformations of flexible bis(pyridyl) ligands on the topological structures and luminescent properties of cuprous iodide complexes. Polyhedron, 2017, 122, 46-54.	2.2	9
113	Dihydrogen phosphate-water tape and layers vs dihydrogen phosphate layers tuned by hydrophobic isomeric pyridine-diamine functionalized molecules. Journal of Molecular Structure, 2017, 1127, 361-371.	3.6	3
114	Local Transcriptional Control of YUCCA Regulates Auxin Promoted Root-Growth Inhibition in Response to Aluminium Stress in Arabidopsis. PLoS Genetics, 2016, 12, e1006360.	3.5	98
115	High impact resistance epoxy resins by incorporation of quadruply hydrogen bonded supramolecular polymers. Chinese Journal of Polymer Science (English Edition), 2016, 34, 850-857.	3.8	16
116	Dual resistance to alkali metals and SO ₂ : vanadium and cerium supported on sulfated zirconia as an efficient catalyst for NH ₃ -SCR. Catalysis Science and Technology, 2016, 6, 8148-8156.	4.1	41
117	Oxytocin, the peptide that bonds the sexes also divides them. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7650-7654.	7.1	145
118	Mercury supramolecular architectures constructed from flexible unsymmetrical bis(pyridyl) ligands: Structural motif mediated by mercury-halide clusters, ligand conformations and non-covalent interactions. Polyhedron, 2016, 117, 338-351.	2.2	5
119	Low concentration H ₂ S detection of CdO-decorated hierarchically mesoporous NiO nanofilm with wrinkle structure. Sensors and Actuators B: Chemical, 2016, 230, 706-713.	7.8	34
120	Influence of Metal Cations and Coordination Modes on Luminescent Group 1 and 2 Metal Sulfonate Complexes Constructed from 4,4'-Dihydroxybiphenyl-3,3'-disulfonic Acid. European Journal of Inorganic Chemistry, 2015, 2015, 2254-2263.	2.0	10
121	Macrocyclic dinuclear, helical, layered and 3-D Ag(<i>sc</i>) complexes constructed from AgX (X =) Tj ETQq1 1 0.784314 rgBT /O with a chelating spacer: syntheses, structures and photoluminescence properties. Dalton Transactions, 2015, 44, 5837-5847.	3.3	19
122	Highly selective low-temperature triethylamine sensor based on Ag/Cr ₂ O ₃ mesoporous microspheres. Sensors and Actuators B: Chemical, 2015, 220, 910-918.	7.8	73
123	An ultrasensitive and ultrasensitive TEA sensor based on γ -MoO ₃ hierarchical nanostructures and the sensing mechanism. CrystEngComm, 2015, 17, 6493-6503.	2.6	79
124	Progressive collapse analysis of 20-storey building considering composite action of floor slab. International Journal of Steel Structures, 2015, 15, 447-458.	1.3	13
125	Highly sensitive H ₂ S detection sensors at low temperature based on hierarchically structured NiO porous nanowall arrays. Journal of Materials Chemistry A, 2015, 3, 11991-11999.	10.3	181
126	Highly selective and efficient adsorption dyes self-assembled by 3D hierarchical architecture of molybdenum oxide. RSC Advances, 2015, 5, 85248-85255.	3.6	29

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127	Nature of reactant and influence of water on the supramolecular patterns and luminescent properties of organic salts comprising (1,1'-biphenyl)-4,4'-disulfonate and triphenylmethanaminium. RSC Advances, 2015, 5, 41692-41706.	3.6	1
128	Chiral supramolecular compounds comprising naphthalene-1,5-disulfonic acid and various α -amino acids: influence of substituents of α -amino acids on the structures, circular dichroism and luminescent properties. Tetrahedron, 2015, 71, 8746-8757.	1.9	2
129	Construction of three-dimensional flower-like α -MoO ₃ with hierarchical structure for highly selective triethylamine sensor. Sensors and Actuators B: Chemical, 2015, 208, 406-414.	7.8	202
130	Influence of solvents and assembly methods on the supramolecular patterns and luminescent properties of organic salts comprising 4,4'-dihydroxybiphenyl-3,3'-disulfonate and triphenylmethanaminium. RSC Advances, 2014, 4, 64802-64815.	3.6	7
131	Design and syntheses of silver(I) complexes assembled from bis(pyridyl) ligands with chelating spacer: [2+2] metallomacrocyclic motif vs snake-shape chain. Inorganic Chemistry Communication, 2014, 43, 94-97.	3.9	9
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