

Bin Ding

List of Publications by Year in descending order

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182
papers

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36203

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times ranked

9657
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralight nanofibre-assembled cellular aerogels with superelasticity and multifunctionality. <i>Nature Communications</i> , 2014, 5, 5802.	5.8	860
2	Biomimetic and Superwetable Nanofibrous Skins for Highly Efficient Separation of Oil-in-Water Emulsions. <i>Advanced Functional Materials</i> , 2018, 28, 1705051.	7.8	536
3	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. <i>Science Advances</i> , 2018, 4, eaas8925.	4.7	414
4	Superhydrophilic and underwater superoleophobic nanofibrous membrane with hierarchical structured skin for effective oil-in-water emulsion separation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 497-502.	5.2	332
5	Electret Polyvinylidene Fluoride Nanofibers Hybridized by Polytetrafluoroethylene Nanoparticles for High-Efficiency Air Filtration. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23985-23994.	4.0	228
6	Daylight-driven rechargeable antibacterial and antiviral nanofibrous membranes for bioprotective applications. <i>Science Advances</i> , 2018, 4, eaar5931.	4.7	221
7	Four Novel Three-Dimensional Triazole-Based Zinc(II) Metal-Organic Frameworks Controlled by the Spacers of Dicarboxylate Ligands: Hydrothermal Synthesis, Crystal Structure, and Luminescence Properties. <i>Crystal Growth and Design</i> , 2007, 7, 2009-2015.	1.4	217
8	Novel Triazole-Bridged Cadmium Coordination Polymers Varying from Zero- to Three-Dimensionality. <i>Inorganic Chemistry</i> , 2004, 43, 33-43.	1.9	207
9	Heterometallic Alkaline Earth Lanthanide Ba ^{II} -La ^{III} Microporous Metal-Organic Framework as Bifunctional Luminescent Probes of Al ³⁺ and MnO ₄ ⁻ . <i>Inorganic Chemistry</i> , 2016, 55, 4391-4402.	1.9	195
10	A novel 3D porous metal-organic framework based on trinuclear cadmium clusters as a promising luminescent material exhibiting tunable emissions between UV and visible wavelengths. <i>Chemical Communications</i> , 2006, , 4906-4908.	2.2	183
11	All-Fiber Structured Electronic Skin with High Elasticity and Breathability. <i>Advanced Functional Materials</i> , 2020, 30, 1908411.	7.8	170
12	Electretted polyetherimide-silica fibrous membranes for enhanced filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 12-20.	5.0	167
13	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 203-211.	5.0	163
14	Ultra-light 3D nanofibre-nets binary structured nylon 6-polyacrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23946-23954.	5.2	153
15	Slip-Effect Functional Air Filter for Efficient Purification of PM2.5. <i>Scientific Reports</i> , 2016, 6, 35472.	1.6	150
16	Synthesis of a series of 4-pyridyl-1,2,4-triazole-containing cadmium(ii) luminescent complexes. <i>Dalton Transactions</i> , 2006, , 665-675.	1.6	147
17	Robust Fluorine-Free Superhydrophobic Amino-Silicone Oil/SiO ₂ Modification of Electrospun Polyacrylonitrile Membranes for Waterproof-Breathable Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15139-15147.	4.0	136
18	First 3D Pr(III)-Ni(II)-Na(I) Polymer and A 3D Pr(III) Open Network Based on Pyridine-2,4,6-tricarboxylic Acid. <i>Inorganic Chemistry</i> , 2006, 45, 481-483.	1.9	135

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19	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27218-27226.	4.0	132
20	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. <i>Advanced Energy Materials</i> , 2019, 9, 1802578.	10.2	132
21	Cleanable Air Filter Transferring Moisture and Effectively Capturing PM _{2.5} . <i>Small</i> , 2017, 13, 1603306.	5.2	127
22	Free-Standing Polyurethane Nanofiber/Nets Air Filters for Effective PM Capture. <i>Small</i> , 2017, 13, 1702139.	5.2	126
23	An eight-connected 3D lead(II) metal-organic framework with octanuclear lead as a secondary building unit: synthesis, characterization and luminescent property. <i>CrystEngComm</i> , 2008, 10, 158-161.	1.3	122
24	Synthesis and Characterization of a 3D Coordination Polymer Based on Trinuclear Triangular Cullas Secondary Building Units. <i>Inorganic Chemistry</i> , 2006, 45, 5799-5803.	1.9	121
25	Carbon-Nanoplated CoS@TiO ₂ Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18903-18907.	7.2	119
26	Low-Resistance Dual-Purpose Air Filter Releasing Negative Ions and Effectively Capturing PM _{2.5} . <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12054-12063.	4.0	115
27	Tuned Triazolatesilver(I) Luminescent Complexes from Zero- to Three-Dimensionality Based on Bi- to Tetratopic Bridged Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 2002-2010.	1.9	112
28	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16439-16444.	7.2	112
29	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11819-11829.	4.0	106
30	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29302-29310.	4.0	101
31	Hydrophobic Fibrous Membranes with Tunable Porous Structure for Equilibrium of Breathable and Waterproof Performance. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600516.	1.9	98
32	Polybenzoxazine-Functionalized Melamine Sponges with Enhanced Selective Capillarity for Efficient Oil Spill Cleanup. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40274-40285.	4.0	97
33	Hierarchical Porous Structured SiO ₂ /SnO ₂ Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18966-18976.	4.0	94
34	Hierarchical structured MnO ₂ @SiO ₂ nanofibrous membranes with superb flexibility and enhanced catalytic performance. <i>Journal of Hazardous Materials</i> , 2017, 324, 203-212.	6.5	92
35	Structural Variations Influenced by Ligand Conformation and Counteranions in Copper(II) Complexes with Flexible Bis-Triazole Ligand. <i>Crystal Growth and Design</i> , 2009, 9, 593-601.	1.4	87
36	In situ synthesis of flexible hierarchical TiO ₂ nanofibrous membranes with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22136-22144.	5.2	86

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37	Six- and four-coordinated zinc(II) complexes exhibit strong blue fluorescent properties. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1209-1212.	1.8	85
38	Functional modification of breathable polyacrylonitrile/polyurethane/TiO ₂ nanofibrous membranes with robust ultraviolet resistant and waterproof performance. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 508-516.	5.0	85
39	Simultaneous visual detection and removal of lead(II) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18180-18189.	5.2	81
40	Synthesis, Crystal Structure, and Characterization of New Tetranuclear Ag(I) Complexes with Triazole Bridges. <i>Inorganic Chemistry</i> , 2006, 45, 5822-5829.	1.9	76
41	Highly flexible NiCo ₂ O ₄ /CNTs doped carbon nanofibers for CO ₂ adsorption and supercapacitor electrodes. <i>Journal of Colloid and Interface Science</i> , 2016, 476, 87-93.	5.0	74
42	Self-organized growth of flower-like SnS ₂ and forest-like ZnS nanoarrays on nickel foam for synergistic superiority in electrochemical ammonia synthesis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22235-22241.	5.2	66
43	Hydrothermal Preparation of Five Rare-Earth (Re = Dy, Gd, Ho, Pr, and Sm) Luminescent Cluster-Based Coordination Materials: The First MOFs-based Ratiometric Fluorescent Sensor for Lysine and Bifunctional Sensing Platform for Insulin and Al ³⁺ . <i>Inorganic Chemistry</i> , 2018, 57, 12885-12899.	1.9	63
44	Balsam-Pear-Skin-Like Porous Polyacrylonitrile Nanofibrous Membranes Grafted with Polyethyleneimine for Postcombustion CO ₂ Capture. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41087-41098.	4.0	60
45	Flexible and Highly Temperature Resistant Polynanocrystalline Zirconia Nanofibrous Membranes Designed for Air Filtration. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2760-2768.	1.9	59
46	A facile water-stable MOF-based "off-on" fluorescent switch for label-free detection of dopamine in biological fluid. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2524-2535.	2.9	59
47	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18304-18312.	5.2	58
48	Turn-On Fluorescence and Unprecedented Encapsulation of Large Aromatic Molecules within a Manganese(II)-Triazole Metal-Organic Confined Space. <i>Chemistry - A European Journal</i> , 2015, 21, 2107-2116.	1.7	57
49	A unique multi-functional cationic luminescent metal-organic nanotube for highly sensitive detection of dichromate and selective high capacity adsorption of Congo red. <i>RSC Advances</i> , 2016, 6, 33888-33900.	1.7	54
50	Elastic and hierarchical porous carbon nanofibrous membranes incorporated with NiFe ₂ O ₄ nanocrystals for highly efficient capacitive energy storage. <i>Nanoscale</i> , 2016, 8, 2195-2204.	2.8	54
51	Highly efficient fluorescence sensing of phosphate by dual-emissive lanthanide MOFs. <i>Dalton Transactions</i> , 2018, 47, 12273-12283.	1.6	52
52	The development of coumarin Schiff base system applied as highly selective fluorescent/colorimetric probes for Cu ²⁺ and tumor biomarker glutathione detection. <i>Dyes and Pigments</i> , 2020, 175, 108156.	2.0	51
53	Developing a unique metal-organic framework-[Cd(abtz) ₂ (NCS)] _n (abtz =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 ascorbic acid in biological liquid. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 184-191.	4.0	50
54	Anion-Exchange and Anthracene-Encapsulation within Copper(II) and Manganese(II)-Triazole Metal-Organic Confined Space in a Single Crystal-to-Single Crystal Transformation Fashion. <i>Inorganic Chemistry</i> , 2014, 53, 5972-5985.	1.9	48

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55	Electrospun carbon nanofibers with multi-aperture/opening porous hierarchical structure for efficient CO ₂ adsorption. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 659-667.	5.0	48
56	Hydrothermal Syntheses and Characterization of Two Novel Lead(II)-IDA Coordination Polymers: From 2D Homochiral Parallel Interpenetration to 12-Connected Lead(II) Hybrid Framework Based on Propeller-Like Spiral Pb ₄ O ₆ Cores (H ₂ IDA = iminodiacetic acid). <i>Crystal Growth and Design</i> , 2009, 9, 4176-4180.	1.4	47
57	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. <i>RSC Advances</i> , 2015, 5, 6027-6032.	1.7	47
58	Synthesis, structure and magnetic properties of a novel 1D coordination polymer {[Cu ₂ (amtrz) ₄ (1,1- $\frac{1}{4}$ -NCS) ₂](ClO ₄) ₂ ·H ₂ O)} _n . <i>Inorganic Chemistry Communication</i> , 2007, 10, 7-10.	1.8	46
59	Tailoring Differential Moisture Transfer Performance of Nonwoven/Polyacrylonitrile/SiO ₂ Nanofiber Composite Membranes. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700062.	1.9	46
60	Nanofiber-Based Hydrogels: Controllable Synthesis and Multifunctional Applications. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800058.	2.0	46
61	A general strategy to fabricate soft magnetic CuFe ₂ O ₄ @SiO ₂ nanofibrous membranes as efficient and recyclable Fenton-like catalysts. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 620-629.	5.0	46
62	The first 2D trinuclear Cd(ii)-complex with adenine nucleobase: hydrothermal synthesis, crystal structure and fluorescent properties. <i>New Journal of Chemistry</i> , 2007, 31, 1887.	1.4	44
63	Hydrothermal syntheses and characterization of a series of luminescent Cd(ii) frameworks with pyridine-based and benzene-based bis-triazole ligands. <i>CrystEngComm</i> , 2013, 15, 2490.	1.3	44
64	Constructing Ionic Gradient and Lithiophilic Interphase for High-Rate Li-Metal Anode. <i>Small</i> , 2019, 15, e1905171.	5.2	42
65	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. <i>Angewandte Chemie</i> , 2019, 131, 16591-16596.	1.6	42
66	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. <i>RSC Advances</i> , 2016, 6, 29629-29637.	1.7	41
67	Facile fabrication of fluorine-free breathable poly(methylhydrosiloxane)/polyurethane fibrous membranes with enhanced water-resistant capability. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 541-548.	5.0	40
68	Constitution of a visual detection system for lead(II) on polydiacetylene-glycine embedded nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9722-9730.	5.2	39
69	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. <i>RSC Advances</i> , 2015, 5, 91813-91820.	1.7	38
70	Polybenzoxazine-based highly porous carbon nanofibrous membranes hybridized by tin oxide nanoclusters: durable mechanical elasticity and capacitive performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7795-7804.	5.2	38
71	Hydrothermal synthesis and characterization of a series of luminescent Ag coordination polymers with two new multidentate bis-(1,2,3-triazole) ligands: structural diversity, polymorphism and photoluminescent sensing. <i>CrystEngComm</i> , 2016, 18, 6640-6652.	1.3	38
72	Solvothermal and Ultrasonic Preparation of Two Unique Cluster-Based Lu and Y Coordination Materials: Metal-Organic Framework-Based Ratiometric Fluorescent Biosensor for an Ornidazole and Ronidazole and Sensing Platform for a Biomarker of Amoeba Liver Abscess. <i>Inorganic Chemistry</i> , 2020, 59, 2910-2922.	1.9	38

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73	A novel 2D luminescent lead(II) framework with 3-carboxylic acid-4H-1,2,4-triazole based on binuclear Pb ₂ Cl ₂ (H ₂ O) ₂ building blocks. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1481-1483.	1.8	37
74	Sonochemical synthesis of a multi-responsive regenerable water-stable zinc(II) fluorescent probe for highly selective, sensitive and real-time sensing of benzaldehyde, ferric ion and PH. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 340-349.	3.8	37
75	A water-stable MOF-AgClO ₄ -abt _z as fluorescent sensor for detection of folic acid based on inner filter effect. <i>Talanta</i> , 2020, 217, 121019.	2.9	37
76	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20200-20207.	4.0	36
77	Polyaniline Enriched Flexible Carbon Nanofibers with Core-Shell Structure for High-Performance Wearable Supercapacitors. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700855.	1.9	36
78	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable-Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. <i>Macromolecular Materials and Engineering</i> , 2017, 302, .	1.7	36
79	A versatile method for fabricating ion-exchange hydrogel nanofibrous membranes with superb biomolecule adsorption and separation properties. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 442-451.	5.0	35
80	One-step fabrication of multi-scaled, inter-connected hierarchical fibrous membranes for directional moisture transport. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 207-216.	5.0	35
81	Robust and Flexible Carbon Nanofibers Doped with Amine Functionalized Carbon Nanotubes for Efficient CO ₂ Capture. <i>Advanced Sustainable Systems</i> , 2017, 1, 1600028.	2.7	34
82	Porous, flexible, and core-shell structured carbon nanofibers hybridized by tin oxide nanoparticles for efficient carbon dioxide capture. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 379-387.	5.0	34
83	Hydrothermal synthesis and characterization of a series of luminescent Zn(II) and Cd(II) coordination polymers with the new versatile multidentate ligand 1,3-di-(1,2,4-triazol-4-yl)benzene. <i>CrystEngComm</i> , 2013, 15, 8097.	1.3	32
84	Syntheses, Structural Variation, and Characterization of a Series of Crystalline Coordination Compounds with 4-Benzene-1,2,4-triazole: Polymorph, Incomplete Spin Transition, and Single Crystal-to-Single Crystal Transformation. <i>Crystal Growth and Design</i> , 2014, 14, 477-490.	1.4	32
85	In situ synthesis of carbon nanotube doped metal-organic frameworks for CO ₂ capture. <i>RSC Advances</i> , 2016, 6, 4382-4386.	1.7	32
86	Designing an Off-On-Fluorescence Sensor Based on Cluster-Based Ca ^{II} -Metal-Organic Frameworks for Detection of Cysteine in Biological Fluids. <i>Langmuir</i> , 2019, 35, 9885-9895.	1.6	32
87	An ultra-stable Cadmium(II) Coordination Framework Constructed From the new Bi-Functional Ligand and Application as Fluorescent Probe for Acetylacetone and Antibiotics. <i>Dyes and Pigments</i> , 2021, 186, 109039.	2.0	32
88	A series of multi-dimensional metal-organic frameworks with trans-4,4'-azo-1,2,4-triazole: polymorphism, guest induced single-crystal-to-single-crystal transformation and solvatochromism. <i>CrystEngComm</i> , 2015, 17, 5396-5409.	1.3	31
89	A unique multifunctional cluster-based nano-porous Terbium organic material: Real-time detection of benzaldehyde, visually luminescent sensor for nitrite and selective high capacity capture of Congo Red. <i>Dyes and Pigments</i> , 2017, 146, 455-466.	2.0	30
90	TEMPO-mediated selective oxidation of substituted polysaccharides—an efficient approach for the determination of the degree of substitution at C-6. <i>Carbohydrate Research</i> , 2008, 343, 3112-3116.	1.1	29

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91	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	29
92	Cluster-based CuII, MgII and CdII coordination polymers based on amino-functionalized tri-phenyl tetra-carboxylate: Bi-functional photo-luminescent sensing for Fe3+ and antibiotics. <i>Dyes and Pigments</i> , 2019, 170, 107631.	2.0	28
93	Hydrothermal syntheses of a series of novel cis- and trans-pydc complexes with three-dimensional supramolecular architectures (pydc=pyridine-2,5-dicarboxylic acid). <i>Journal of Molecular Structure</i> , 2005, 738, 105-111.	1.8	25
94	A series of two-dimensional microporous triazole-functionalized metal-organic frameworks with the new multi-dentate ligand 1-(4-aminobenzyl)-1,2,4-triazole: single-crystal-to-single-crystal transformation, structural diversity and luminescent sensing. <i>RSC Advances</i> , 2015, 5, 35238-35251.	1.7	25
95	Ready-to-use strip for L-ascorbic acid visual detection based on polyaniline/polyamide 66 nano-fibers/nets membranes. <i>Talanta</i> , 2015, 144, 1146-1154.	2.9	25
96	Hydrothermal synthesis and characterization of a novel luminescent lead(II) framework extended by novel Pb-1/4,1-(N)CS-Pb bridges. <i>Journal of Molecular Structure</i> , 2009, 920, 248-251.	1.8	24
97	Hydrothermal syntheses of a series of cluster-based micro-porous luminescent cadmium(ii) metal-organic frameworks with 4-amino-benzene-1,2,4-triazole: topological diversity, gas absorption and photo-luminescent characterization. <i>RSC Advances</i> , 2014, 4, 25172.	1.7	24
98	Triazole based Ag coordination clusters: synthesis, structural diversity and anion exchange properties. <i>RSC Advances</i> , 2015, 5, 83415-83426.	1.7	24
99	A novel lead(II) framework containing Pb-O-Pb and Pb-Cl-Pb helical chains. <i>Inorganic Chemistry Communication</i> , 2008, 11, 509-512.	1.8	23
100	Driving force to detect Alzheimer's disease biomarkers: application of a thioflavine T@Er-MOF ratiometric fluorescent sensor for smart detection of presenilin 1, amyloid β -protein and acetylcholine. <i>Analyst</i> , 2020, 145, 4646-4663.	1.7	23
101	Insights into the flexibility of ZrMOxOy (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. <i>Dalton Transactions</i> , 2016, 45, 6660-6666.	1.6	22
102	Carbon-Nanoplated CoS@TiO2 Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie</i> , 2019, 131, 19079-19083.	1.6	22
103	Constructing Highly Conductive and Thermomechanical Stable Quasi-Solid Electrolytes by Self-Polymerization of Liquid Electrolytes within Porous Polyimide Nanofiber Films. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	22
104	Photo-luminescent chiral carbon-dot@Eu(D-cam) nanocomposites for selectively luminescence sensing of L-phenylalanine. <i>Journal of Molecular Structure</i> , 2020, 1201, 127214.	1.8	21
105	g-C3N4 encapsulated ZrO2 nanofibrous membrane decorated with CdS quantum dots: A hierarchically structured, self-supported electrocatalyst toward synergistic NH3 synthesis. <i>Nano Research</i> , 2021, 14, 1479-1487.	5.8	21
106	Multi-Dimensional Systems Built from Dichromate Anions' Syntheses, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 562-569.	1.0	20
107	A Novel Δ Copper(II) Complex with Paddlewheel-like Building Block. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1735-1738.	0.6	20
108	Pore volume and distribution regulation of highly nanoporous titanium dioxide nanofibers and their photovoltaic properties. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 74-83.	5.0	19

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109	Ultrasonic preparation of near-infrared emission cluster-based YbIII and NdIII coordination materials: Ratiometric temperature sensing, selective antibiotics detection and "turn-on" discrimination of L-arginine. <i>Ultrasonics Sonochemistry</i> , 2019, 59, 104734.	3.8	19
110	Dual-emission CdTe quantum dot@ZIF-365 ratiometric fluorescent sensor and application for highly sensitive detection of L-histidine and Cu ²⁺ . <i>Talanta</i> , 2020, 217, 121010.	2.9	19
111	A Novel 3D CuI Metal-Organic Framework with Middle-Size Channels Despite the Sixfold ThSi ₂ Interpenetrating Topological Structure. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1337-1340.	1.0	18
112	Various metal-organic frameworks from 1D, 2D to 3D with 1,6-bis(1,2,4-triazol-1-yl)hexane. <i>Inorganic Chemistry Communication</i> , 2007, 10, 517-519.	1.8	17
113	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. <i>RSC Advances</i> , 2017, 7, 9704-9718.	1.7	17
114	Hydrothermal synthesis of two-dimensional cadmium(II) micro-porous coordination material based on Bi-functional building block and its application in highly sensitive detection of Fe ³⁺ and Cr ₂ O ₇ ²⁻ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119655.	2.0	17
115	Anion directing self-assembly of 2D and 3D water-stable silver(I) cation metal organic frameworks and their applications in real-time discriminating cysteine and DNA detection. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4569-4574.	2.9	16
116	The irreversible crystal transformation of a novel Cadmium(II) supramolecular complex containing planar tetrameric water cluster. <i>Inorganic Chemistry Communication</i> , 2007, 10, 605-609.	1.8	15
117	Self-Assembly of Perovskite Crystals Anchored Al ₂ O ₃ @La ₂ O ₃ Nanofibrous Membranes with Robust Flexibility and Luminescence. <i>Small</i> , 2018, 14, e1801963.	5.2	15
118	Synthesis, Structure and Characterization of a Novel One-dimensional Tube-like Cadmium Coordination Polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1062-1065.	0.6	14
119	Hydrothermal synthesis and characterization of a 3D luminescent lead(II) framework containing 3D Pb-X-Pb linkage (X=O and Cl) tuned by cis- and trans-ligand conformations. <i>Inorganic Chemistry Communication</i> , 2010, 13, 15-18.	1.8	14
120	First 3D heterotrimetallic Mn(II)-Cu(II)-K(I) polymer and three 3D Cu(II)/Mn(II) open network based on pyridine-2,3,5,6-tetracarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1304-1308.	1.8	14
121	Sb ₂ S ₃ nanoparticles anchored on SnO ₂ nanofibers: a high-performance hybrid electrocatalyst toward ammonia synthesis under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 13892-13895.	2.2	13
122	Hot-melt Adhesive Bonding of Polyurethane/Fluorinated Polyurethane/Alkylsilane-Functionalized Graphene Nanofibrous Fabrics with Enhanced Waterproofness, Breathability, and Mechanical Properties. <i>Polymers</i> , 2020, 12, 836.	2.0	13
123	Hydrothermal syntheses and characterization of a series of lead(II) inorganic-organic hybrid frameworks tuned by reaction temperature and inclusion of halide anions. <i>Inorganic Chemistry Communication</i> , 2013, 33, 170-174.	1.8	12
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