

# Bin Ding

## List of Publications by Citations

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186  
ext. papers

8,895  
ext. citations

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L-index

#	Paper	IF	Citations
178	Ultralight nanofibre-assembled cellular aerogels with superelasticity and multifunctionality. <i>Nature Communications</i> , <b>2014</b> , 5, 5802	17.4	675
177	Biomimetic and Superwetable Nanofibrous Skins for Highly Efficient Separation of Oil-in-Water Emulsions. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705051	15.6	381
176	Superhydrophilic and underwater superoleophobic nanofibrous membrane with hierarchical structured skin for effective oil-in-water emulsion separation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 497-502	13	253
175	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. <i>Science Advances</i> , <b>2018</b> , 4, eaas8925	14.3	243
174	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> , <b>2007</b> , 7, 2009-2015	3.5	209
173	Novel triazole-bridged cadmium coordination polymers varying from zero- to three-dimensionality. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 33-43	5.1	198
172	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> , <b>2006</b> , 4906-8	5.8	177
171	Electret Polyvinylidene Fluoride Nanofibers Hybridized by Polytetrafluoroethylene Nanoparticles for High-Efficiency Air Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 23985-94	9.5	167
170	Heterometallic Alkaline Earth-Lanthanide Ba(II)-La(III) Microporous Metal-Organic Framework as Bifunctional Luminescent Probes of Al(3+) and MnO4(.). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4391-402	5.1	163
169	Daylight-driven rechargeable antibacterial and antiviral nanofibrous membranes for bioprotective applications. <i>Science Advances</i> , <b>2018</b> , 4, eaar5931	14.3	151
168	Synthesis of a series of 4-pyridyl-1,2,4-triazole-containing cadmium(II) luminescent complexes. <i>Dalton Transactions</i> , <b>2006</b> , 665-75	4.3	145
167	Ultra-light 3D nanofibre-nets binary structured nylon 66/polyacrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23946-23954	13	130
166	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> , <b>2006</b> , 45, 481-3	5.1	126
165	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 457, 203-11	9.3	124
164	Electreted polyetherimide-silica fibrous membranes for enhanced filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 439, 12-20	9.3	124
163	Slip-Effect Functional Air Filter for Efficient Purification of PM. <i>Scientific Reports</i> , <b>2016</b> , 6, 35472	4.9	123
162	An eight-connected 3D lead(II) metal-organic framework with octanuclear lead(II) as a secondary building unit: synthesis, characterization and luminescent property. <i>CrystEngComm</i> , <b>2008</b> , 10, 158-161	3.3	119

161	Synthesis and characterization of a 3D coordination polymer based on trinuclear triangular CuII as secondary building units. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 5799-803	5.1	117
160	Tuned triazolatesilver(I) luminescent complexes from zero- to three-dimensionality based on bi- to tetratopic bridged ligands. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2002-10	5.1	110
159	Robust Fluorine-Free Superhydrophobic Amino-Silicone Oil/SiO Modification of Electrospun Polyacrylonitrile Membranes for Waterproof-Breathable Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15139-15147	9.5	107
158	All-Fiber Structured Electronic Skin with High Elasticity and Breathability. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908411	15.6	99
157	Low-Resistance Dual-Purpose Air Filter Releasing Negative Ions and Effectively Capturing PM. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 12054-12063	9.5	96
156	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1802578	21.8	93
155	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 11819-29	9.5	92
154	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 27218-27226	9.5	91
153	Structural Variations Influenced by Ligand Conformation and Counteranions in Copper(II) Complexes with Flexible Bis-Triazole Ligand. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 593-601	3.5	84
152	Cleanable Air Filter Transferring Moisture and Effectively Capturing PM. <i>Small</i> , <b>2017</b> , 13, 1603306	11	82
151	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> , <b>2019</b> , 58, 16439-16444	16.4	81
150	Six- and four-coordinated zinc(II) complexes exhibit strong blue fluorescent properties. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 1209-1212	3.1	81
149	Free-Standing Polyurethane Nanofiber/Nets Air Filters for Effective PM Capture. <i>Small</i> , <b>2017</b> , 13, 1702139	11	80
148	Carbon-Nanoplated CoS@TiO Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18903-18907	16.4	80
147	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 29302-29310	9.5	80
146	Synthesis, crystal structure, and characterization of new tetranuclear Ag(I) complexes with triazole bridges. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 5822-9	5.1	75
145	Hydrophobic Fibrous Membranes with Tunable Porous Structure for Equilibrium of Breathable and Waterproof Performance. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600516	4.6	71
144	In situ synthesis of flexible hierarchical TiO2 nanofibrous membranes with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 22136-22144	13	68

143	Hierarchical structured MnO@SiO nanofibrous membranes with superb flexibility and enhanced catalytic performance. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 324, 203-212	12.8	68
142	Hierarchical Porous Structured SiO/SnO Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18966-18976	9.5	67
141	Polybenzoxazine-Functionalized Melamine Sponges with Enhanced Selective Capillarity for Efficient Oil Spill Cleanup. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 40274-40285	9.5	67
140	Simultaneous visual detection and removal of lead(II) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 18180-18189	13	66
139	Functional modification of breathable polyacrylonitrile/polyurethane/TiO nanofibrous membranes with robust ultraviolet resistant and waterproof performance. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 508-516	9.3	65
138	Highly flexible NiCo <sub>2</sub> O <sub>4</sub> /CNTs doped carbon nanofibers for CO <sub>2</sub> adsorption and supercapacitor electrodes. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 476, 87-93	9.3	63
137	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> , <b>2015</b> , 21, 2107-16	4.8	54
136	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> , <b>2014</b> , 53, 5972-85	5.1	46
135	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 18304-18312	13	46
134	Self-organized growth of flower-like SnS <sub>2</sub> and forest-like ZnS nanoarrays on nickel foam for synergistic superiority in electrochemical ammonia synthesis. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 22235-22241	13	46
133	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. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12885-12899	5.1	46
132	Highly efficient fluorescence sensing of phosphate by dual-emissive lanthanide MOFs. <i>Dalton Transactions</i> , <b>2018</b> , 47, 12273-12283	4.3	45
131	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 <sub>4</sub> O <sub>6</sub> Cores (H <sub>2</sub> IDA = iminodiacetic acid). <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 4176-4180	3.5	45
130	Elastic and hierarchical porous carbon nanofibrous membranes incorporated with NiFe <sub>2</sub> O <sub>4</sub> nanocrystals for highly efficient capacitive energy storage. <i>Nanoscale</i> , <b>2016</b> , 8, 2195-204	7.7	44
129	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> , <b>2016</b> , 6, 33888-33900	3.7	44
128	Hydrothermal syntheses and characterization of a series of luminescent Cd(II) frameworks with pyridine-based and benzene-based bis-triazole ligands. <i>CrystEngComm</i> , <b>2013</b> , 15, 2490	3.3	43
127	Synthesis, structure and magnetic properties of a novel 1D coordination polymer {[Cu <sub>2</sub> (amtrz) <sub>4</sub> (1,1- $\eta$ -NCS) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> [H <sub>2</sub> O)] <sub>n</sub> . <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 7-10	3.1	43
126	Developing a unique metal-organic framework-[[Cd(abtz) <sub>2</sub> (NCS)]][ClO <sub>4</sub> ] <sub>n</sub> (abtz = 1-(4-aminobenzyl)-1,2,4-triazole) as fluorescent probe for highly selective and sensitive detection of ascorbic acid in biological liquid. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 234, 184-191	8.5	41

125	Flexible and Highly Temperature Resistant Polyanocrystalline Zirconia Nanofibrous Membranes Designed for Air Filtration. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 2760-2768	3.8	40
124	The first 2D trinuclear Cd(II)-complex with adenine nucleobase: hydrothermal synthesis, crystal structure and fluorescent properties. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1887	3.6	38
123	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> , <b>2017</b> , 5, 2524-2535	7.3	37
122	Balsam-Pear-Skin-Like Porous Polyacrylonitrile Nanofibrous Membranes Grafted with Polyethyleneimine for Postcombustion CO Capture. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 41087-41098	9.5	37
121	Hydrothermal synthesis and characterization of a series of luminescent Ag(I) coordination polymers with two new multidentate bis-(1,2,3-triazole) ligands: structural diversity, polymorphism and photoluminescent sensing. <i>CrystEngComm</i> , <b>2016</b> , 18, 6640-6652	3.3	36
120	Constitution of a visual detection system for lead(II) on polydiacetylene-glycine embedded nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9722-9730	13	35
119	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. <i>RSC Advances</i> , <b>2015</b> , 5, 6027-6032	3.7	35
118	Tailoring Differential Moisture Transfer Performance of Nonwoven/Polyacrylonitrile-SiO <sub>2</sub> Nanofiber Composite Membranes. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700062	4.6	35
117	A novel 2D luminescent lead(II) framework with 3-carboxylic acid-4H-1,2,4-triazole based on binuclear Pb <sub>2</sub> Cl <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> building blocks. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 1481-1483	3.1	35
116	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> , <b>2019</b> , 131, 16591-16596 <sup>34</sup>	3.6	34
115	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. <i>RSC Advances</i> , <b>2016</b> , 6, 29629-29637	3.7	34
114	Nanofiber-Based Hydrogels: Controllable Synthesis and Multifunctional Applications. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800058	4.8	34
113	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> , <b>2016</b> , 4, 7795-7804	13	33
112	The development of coumarin Schiff base system applied as highly selective fluorescent/colorimetric probes for Cu <sup>2+</sup> and tumor biomarker glutathione detection. <i>Dyes and Pigments</i> , <b>2020</b> , 175, 108156	4.6	32
111	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 20200-7	9.5	31
110	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> , <b>2014</b> , 14, 477-490	3.5	31
109	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> , <b>2013</b> , 15, 8097	3.3	30
108	Polyaniline Enriched Flexible Carbon Nanofibers with Core-Shell Structure for High-Performance Wearable Supercapacitors. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700855	4.6	28

107	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> , <b>2015</b> , 17, 5396-5409	3.3	28
106	Constructing Ionic Gradient and Lithiophilic Interphase for High-Rate Li-Metal Anode. <i>Small</i> , <b>2019</b> , 15, e1905171	11	28
105	A general strategy to fabricate soft magnetic CuFeO@SiO nanofibrous membranes as efficient and recyclable Fenton-like catalysts. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 538, 620-629	9.3	28
104	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable/Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302,	3.9	27
103	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> , <b>2018</b> , 44, 340-349	8.9	26
102	In situ synthesis of carbon nanotube doped metal-organic frameworks for CO <sub>2</sub> capture. <i>RSC Advances</i> , <b>2016</b> , 6, 4382-4386	3.7	26
101	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> , <b>2008</b> , 343, 3112-6	2.9	26
100	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. <i>RSC Advances</i> , <b>2015</b> , 5, 91813-91820	3.7	25
99	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> , <b>2017</b> , 146, 455-466	4.6	25
98	Robust and Flexible Carbon Nanofibers Doped with Amine Functionalized Carbon Nanotubes for Efficient CO <sub>2</sub> Capture. <i>Advanced Sustainable Systems</i> , <b>2017</b> , 1, 1600028	5.9	24
97	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> , <b>2015</b> , 5, 35238-35251	3.7	24
96	Hydrothermal synthesis and characterization of a novel luminescent lead(II) framework extended by novel Pb-μ <sub>2</sub> ,1-(N)CS-Pb bridges. <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 248-251	3.4	24
95	Ready-to-use strip for L-ascorbic acid visual detection based on polyaniline/polyamide 66 nano-fibers/nets membranes. <i>Talanta</i> , <b>2015</b> , 144, 1146-54	6.2	23
94	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , <b>2018</b> , 2,	10.7	23
93	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> , <b>2014</b> , 4, 25172	3.7	23
92	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> , <b>2017</b> , 506, 442-451	9.3	23
91	A novel lead(II) framework containing Pb <sub>2</sub> and Pb <sub>3</sub> helical chains. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 509-512	3.1	23
90	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> , <b>2005</b> , 738, 105-111	3.4	23



89	Cluster-based CaII, MgII and CdII coordination polymers based on amino-functionalized tri-phenyl tetra-carboxylate: Bi-functional photo-luminescent sensing for Fe <sup>3+</sup> and antibiotics. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107631	4.6	22
88	One-step fabrication of multi-scaled, inter-connected hierarchical fibrous membranes for directional moisture transport. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 207-216	9.3	21
87	Electrospun carbon nanofibers with multi-aperture/opening porous hierarchical structure for efficient CO adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 659-667	9.3	21
86	Facile fabrication of fluorine-free breathable poly(methylhydrosiloxane)/polyurethane fibrous membranes with enhanced water-resistant capability. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 541-548	9.3	19
85	Triazole based Ag coordination clusters: synthesis, structural diversity and anion exchange properties. <i>RSC Advances</i> , <b>2015</b> , 5, 83415-83426	3.7	19
84	Designing an "Off-On" Fluorescence Sensor Based on Cluster-Based Ca-Metal-Organic Frameworks for Detection of L-Cysteine in Biological Fluids. <i>Langmuir</i> , <b>2019</b> , 35, 9885-9895	4	19
83	A Novel 2-D Copper(II) Complex with Paddlewheel-like Building Block. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1735-1738	1.3	19
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> , <b>2020</b> , 560, 379-387	9.3	19
81	A Novel 3D CuI Metal-Organic Framework with Middle-Size Channels Despite the Sixfold ThSi <sub>2</sub> Interpenetrating Topological Structure. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1337-1340	2.3	18
80	Multi-Dimensional Systems Built from Dichromate Anions Syntheses, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 562-569	2.3	18
79	Insights into the flexibility of ZrM <sub>x</sub> O <sub>y</sub> (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6660-6	4.3	16
78	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> , <b>2020</b> , 59, 2210-2222	5.1	15
77	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> , <b>2007</b> , 10, 517-519	3.1	15
76	Carbon-Nanoplated CoS@TiO <sub>2</sub> Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 19079-19083	3.6	14
75	Self-Assembly of Perovskite Crystals Anchored Al <sub>2</sub> O <sub>3</sub> -La <sub>2</sub> O <sub>3</sub> Nanofibrous Membranes with Robust Flexibility and Luminescence. <i>Small</i> , <b>2018</b> , 14, e1801963	11	14
74	A water-stable MOF-AgClO <sub>4</sub> -abt <sub>2</sub> as fluorescent sensor for detection of folic acid based on inner filter effect. <i>Talanta</i> , <b>2020</b> , 217, 121019	6.2	13
73	Pore volume and distribution regulation of highly nanoporous titanium dioxide nanofibers and their photovoltaic properties. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 490, 74-83	9.3	13
72	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. <i>RSC Advances</i> , <b>2017</b> , 7, 9704-9718	3.7	12

- 71 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. *Journal of Materials Chemistry B*, **2018**, 6, 4569-4574 7.3 12
- 70 Hydrothermal syntheses and characterization of a series of lead(II) inorganic-organic hybrid frameworks tuned by reaction temperature and inclusion of halide anions. *Inorganic Chemistry Communication*, **2013**, 33, 170-174 3.1 12
- 69 First 3D heterotrimetallic Mn(II)-Cu(II)-Zn(II) polymer and three 3D Cu(II)/Mn(II) open network based on pyridine-2,3,5,6-tetracarboxylic acid. *Inorganic Chemistry Communication*, **2010**, 13, 1304-1308 3.1 12
- 68 Synthesis, Structure and Characterization of a Novel One-dimensional Tube-like Cadmium Coordination Polymer. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 1062-1065 1.3 12
- 67 Dual-emission CdTe quantum dot@ZIF-365 ratiometric fluorescent sensor and application for highly sensitive detection of l-histidine and Cu. *Talanta*, **2020**, 217, 121010 6.2 12
- 66 An ultra-stable Cadmium(II) Coordination Framework Constructed From the new Bi-Functional Ligand and Application as Fluorescent Probe for Acetylacetone and Antibiotics. *Dyes and Pigments*, **2021**, 186, 109039 4.6 12
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