

Bin Ding

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178
papers

7,760
citations

46
h-index

84
g-index

186
ext. papers

8,895
ext. citations

5.8
avg, IF

6.41
L-index

#	Paper	IF	Citations
178	Solvo-thermal synthesis of a unique cluster-based nano-porous zinc(II) luminescent metal-organic framework for highly sensitive detection of anthrax biomarker and dichromate.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 274, 121132	4.4	
177	Solvothermal Preparation of a Lanthanide Metal-Organic Framework for Highly Sensitive Discrimination of Nitrofurantoin and L-Tyrosine. <i>Molecules</i> , 2021 , 26,	4.8	2
176	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 and CrO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 254, 119655	4.4	7
175	Convenient ultrasonic preparation of a water stable cluster-based Cadmium(II) coordination material and highly sensitive fluorescent sensing for biomarkers DPA and 5-HT. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 247, 119092	4.4	4
174	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	4.6	12
173	Solvothermal preparation of luminescent zinc(II) and cadmium(II) coordination complexes based on the new bi-functional building block and photo-luminescent sensing for Cu, Al and L-lysine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119214	4.4	5
172	g-C ₃ N ₄ encapsulated ZrO ₂ nanofibrous membrane decorated with CdS quantum dots: A hierarchically structured, self-supported electrocatalyst toward synergistic NH ₃ synthesis. <i>Nano Research</i> , 2021 , 14, 1479-1487	10	7
171	Hydrothermal syntheses of a series of copper (II), cadmium (II), and silver (I) coordination polymers with the new 3,5-bis-(triazol-1-yl)-pyridine ligand: structural diversity, anion pollutant absorption, and fluorescent properties. <i>Inorganic and Nano-Metal Chemistry</i> , 2021 , 51, 814-822	1.2	0
170	Hydrothermal assembly, structural diversity, and photocatalytic characterization of two polyoxometalates-based hybrid CuII and CuI coordination polymers with 2,6-(1,2,4-triazole-4-yl)pyridine. <i>Inorganic and Nano-Metal Chemistry</i> , 2021 , 51, 976-984	1.2	1
169	Post-modification preparation of dual-emission Eu ³⁺ @ZnII MOFs-based hybrid material and its application in highly sensitive ratiometric sensing for asthma wonder drug-procaterol enhanced by HCO ₃ ⁻ and temperature. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130199	8.5	4
168	Driving force to detect Alzheimer β 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	5	6
167	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	5.1	15
166	A water-stable MOF-AgClO ₄ -abt ₂ as fluorescent sensor for detection of folic acid based on inner filter effect. <i>Talanta</i> , 2020 , 217, 121019	6.2	13
165	Electrospun Fibers for Filtration 2020 , 175-206		4
164	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	9.3	21
163	A multi-responsive regenerable water-stable two-dimensional cadmium (II) fluorescent probe for highly selective, sensitive and real-time sensing of nitrofurazone and cupric ion. <i>Journal of Molecular Structure</i> , 2020 , 1216, 128328	3.4	7
162	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	4.6	32

161	Electrospun carbon nanofibers with multi-aperture/opening porous hierarchical structure for efficient CO adsorption. <i>Journal of Colloid and Interface Science</i> , 2020 , 561, 659-667	9.3	21
160	All-Fiber Structured Electronic Skin with High Elasticity and Breathability. <i>Advanced Functional Materials</i> , 2020 , 30, 1908411	15.6	99
159	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	3.4	9
158	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	9.3	19
157	Solvo-thermal Preparation and Characterization of Two CdII Coordination Polymers Constructed From 2,6-(1,2,4-Triazole-4-yl)pyridine and 5-R-Isophthalic Acid (R = Nitro, Sulfo). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 390-398	1.3	1
156	Dual-emission CdTe quantum dot@ZIF-365 ratiometric fluorescent sensor and application for highly sensitive detection of l-histidine and Cu. <i>Talanta</i> , 2020 , 217, 121010	6.2	12
155	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,	4.5	8
154	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 ³⁴	3.6	34
153	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	9.3	19
152	Post-synthetic dual-emission rhodamine B@ZIF-365 hybrid material and Enzymatic Biosensor Enzyme@ZIF-365: Ratiometric temperature sensing, Biomolecule Nicotinamide Detection and Sensing Platform for Lactose and Al ³⁺ . <i>Journal of Solid State Chemistry</i> , 2019 , 279, 120949	3.3	2
151	Ultrasonic preparation of near-infrared emission cluster-based Yb and Nd coordination materials: Ratiometric temperature sensing, selective antibiotics detection and "turn-on" discrimination of l-arginine. <i>Ultrasonics Sonochemistry</i> , 2019 , 59, 104734	8.9	9
150	Investigation of pH-responsive block glycopolymers with different structures for the delivery of doxorubicin.. <i>RSC Advances</i> , 2019 , 9, 1814-1821	3.7	6
149	Cluster-based CaII, MgII and CdII coordination polymers based on amino-functionalized tri-phenyl tetra-carboxylate: Bi-functional photo-luminescent sensing for Fe ³⁺ and antibiotics. <i>Dyes and Pigments</i> , 2019 , 170, 107631	4.6	22
148	Solvo-thermal synthesis of an ultra-stable 3D luminescent zinc(II) coordination material and its application as a bi-functional re-generable visual fluorescent probe for Nicotinamide and Tetraphenylboron anion. <i>Dyes and Pigments</i> , 2019 , 167, 51-59	4.6	1
147	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> , 2019 , 35, 9885-9895	4	19
146	Carbon-Nanoplated CoS@TiO Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18903-18907	16.4	80
145	Constructing Ionic Gradient and Lithiophilic Interphase for High-Rate Li-Metal Anode. <i>Small</i> , 2019 , 15, e1905171	11	28
144	Carbon-Nanoplated CoS@TiO ₂ Nanofibrous Membrane: An Interface-Engineered Heterojunction for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie</i> , 2019 , 131, 19079-19083	3.6	14

143	Solvo-thermal Preparation of One Novel Cadmium(II) Coordination Polymer with 1-(4-Aminobenzyl)-1,2,4-Triazole and Bi-functional Photo-Luminescent Sensing for Acetone and Dichromate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 1324-1333	1.3	4
142	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	16.4	81
141	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	13	46
140	SbS nanoparticles anchored on SnO nanofibers: a high-performance hybrid electrocatalyst toward ammonia synthesis under ambient conditions. <i>Chemical Communications</i> , 2019 , 55, 13892-13895	5.8	8
139	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. <i>Advanced Energy Materials</i> , 2019 , 9, 1802578	21.8	93
138	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> , 2019 , 538, 620-629	9.3	28
137	Hydrothermal Preparation of a Series of Luminescent Cadmium(II) and Zinc(II) Coordination Complexes and Enhanced Real-time Photo-luminescent Sensing for Benzaldehyde. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 357-366	1.3	3
136	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	8.9	26
135	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	23
134	Biomimetic and Superwetable Nanofibrous Skins for Highly Efficient Separation of Oil-in-Water Emulsions. <i>Advanced Functional Materials</i> , 2018 , 28, 1705051	15.6	381
133	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. <i>Science Advances</i> , 2018 , 4, eaas8925	14.3	243
132	Solvo-thermal synthesis of a unique alkaline earth-transition Ba-Cd micro-porous coordination framework as hetero-metallic luminescent sensor for Cu and real-time detection of benzaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 199, 110-116	4.4	4
131	Daylight-driven rechargeable antibacterial and antiviral nanofibrous membranes for bioprotective applications. <i>Science Advances</i> , 2018 , 4, eaar5931	14.3	151
130	Highly efficient fluorescence sensing of phosphate by dual-emissive lanthanide MOFs. <i>Dalton Transactions</i> , 2018 , 47, 12273-12283	4.3	45
129	Titania-based electrospun nanofibrous materials: a new model for organic pollutants degradation. <i>MRS Communications</i> , 2018 , 8, 765-781	2.7	9
128	Hydro/solvo-thermal syntheses and characterization of a series of CuII and CuI coordination polymers with an asymmetric semi-rigid Bi-functional ligand: Temperature induced polymorphism and photo-luminescent sensing. <i>Dyes and Pigments</i> , 2018 , 159, 187-197	4.6	2
127	Zeolitic-imidazolate frameworks derived Pt-free counter electrodes for high-performance quantum dot-sensitized solar cells. <i>Royal Society Open Science</i> , 2018 , 5, 180335	3.3	7
126	Nanofiber-Based Hydrogels: Controllable Synthesis and Multifunctional Applications. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800058	4.8	34

125	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	7.3	12
124	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> , 2018 , 57, 12885-12899	5.1	46
123	Polybenzoxazine-Functionalized Melamine Sponges with Enhanced Selective Capillarity for Efficient Oil Spill Cleanup. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 40274-40285	9.5	67
122	Self-Assembly of Perovskite Crystals Anchored Al O -La O Nanofibrous Membranes with Robust Flexibility and Luminescence. <i>Small</i> , 2018 , 14, e1801963	11	14
121	Insight into the precursor nanofibers on the flexibility of La2O3-ZrO2 nanofibrous membranes. <i>E-Polymers</i> , 2017 , 17, 243-248	2.7	7
120	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	3.7	12
119	Cleanable Air Filter Transferring Moisture and Effectively Capturing PM. <i>Small</i> , 2017 , 13, 1603306	11	82
118	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	7.3	37
117	Robust Fluorine-Free Superhydrophobic Amino-Silicone Oil/SiO Modification of Electrospun Polyacrylonitrile Membranes for Waterproof-Breathable Application. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15139-15147	9.5	107
116	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	13	253
115	Electrospinning, fibers and textiles: a new driving force for global development. <i>E-Polymers</i> , 2017 , 17, 209-210	2.7	5
114	Hierarchical Porous Structured SiO/SnO Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18966-18976	9.5	67
113	Robust and Flexible Carbon Nanofibers Doped with Amine Functionalized Carbon Nanotubes for Efficient CO2 Capture. <i>Advanced Sustainable Systems</i> , 2017 , 1, 1600028	5.9	24
112	Low-Resistance Dual-Purpose Air Filter Releasing Negative Ions and Effectively Capturing PM. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12054-12063	9.5	96
111	Polyaniline Enriched Flexible Carbon Nanofibers with CoreShell Structure for High-Performance Wearable Supercapacitors. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700855	4.6	28
110	Balsam-Pear-Skin-Like Porous Polyacrylonitrile Nanofibrous Membranes Grafted with Polyethyleneimine for Postcombustion CO Capture. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41087-41098	9.5	37
109	Free-Standing Polyurethane Nanofiber/Nets Air Filters for Effective PM Capture. <i>Small</i> , 2017 , 13, 1702139		80
108	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	9.3	23

107	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	4.6	25
106	Tailoring Differential Moisture Transfer Performance of Nonwoven/Polyacrylonitrile-SiO ₂ Nanofiber Composite Membranes. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700062	4.6	35
105	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	9.3	65
104	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29302-29310	9.5	80
103	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	9.3	13
102	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. <i>Macromolecular Materials and Engineering</i> , 2017 , 302,	3.9	27
101	Hierarchical structured MnO@SiO ₂ nanofibrous membranes with superb flexibility and enhanced catalytic performance. <i>Journal of Hazardous Materials</i> , 2017 , 324, 203-212	12.8	68
100	Two novel two-dimensional copper(II) coordination polymers with 1-(4-aminobenzyl)-1,2,4-triazole: Synthesis, crystal structure, magnetic characterization and absorption of anion pollutants. <i>Journal of Molecular Structure</i> , 2017 , 1127, 183-190	3.4	5
99	Hydrophobic Fibrous Membranes with Tunable Porous Structure for Equilibrium of Breathable and Waterproof Performance. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600516	4.6	71
98	Electret Polyvinylidene Fluoride Nanofibers Hybridized by Polytetrafluoroethylene Nanoparticles for High-Efficiency Air Filtration. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23985-94	9.5	167
97	Solvent-controlled synthesis and reversible dynamic structural conversions of a series of iron(II) coordination complexes. <i>Inorganic Chemistry Communication</i> , 2016 , 71, 5-8	3.1	2
96	Slip-Effect Functional Air Filter for Efficient Purification of PM. <i>Scientific Reports</i> , 2016 , 6, 35472	4.9	123
95	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	3.8	40
94	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. <i>RSC Advances</i> , 2016 , 6, 29629-29637	3.7	34
93	Insights into the flexibility of ZrM _x O _y (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. <i>Dalton Transactions</i> , 2016 , 45, 6660-6	4.3	16
92	In situ synthesis of carbon nanotube doped metal-organic frameworks for CO ₂ capture. <i>RSC Advances</i> , 2016 , 6, 4382-4386	3.7	26
91	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, 2195-204	7.7	44
90	Synthesis, Structures, Magnetic and Luminescent Properties of a Series of Iron(II) and Zinc(II) Coordination Frameworks with Versatile 4-Substitued 1, 2,4-Triazole Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 260-267	1.3	5

89	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	3.7	44
88	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> , 2016 , 55, 4391-402	5.1	163
87	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	13	33
86	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11819-29	9.5	92
85	Highly flexible NiCo2O4/CNTs doped carbon nanofibers for CO2 adsorption and supercapacitor electrodes. <i>Journal of Colloid and Interface Science</i> , 2016 , 476, 87-93	9.3	63
84	Developing a unique metal-organic framework- $\{[Cd(abtz)_2(NCS)]_n[ClO_4]\}_n$ (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> , 2016 , 234, 184-191	8.5	41
83	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27218-27226	9.5	91
82	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> , 2016 , 18, 6640-6652	3.3	36
81	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, 2107-16	4.8	54
80	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. <i>Journal of Colloid and Interface Science</i> , 2015 , 457, 203-11	9.3	124
79	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	13	66
78	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	13	35
77	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	3.3	28
76	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	3.7	24
75	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. <i>RSC Advances</i> , 2015 , 5, 6027-6032	3.7	35
74	In situ synthesis of flexible hierarchical TiO2 nanofibrous membranes with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 22136-22144	13	68
73	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> , 2015 , 3, 23946-23954	13	130
72	Ready-to-use strip for L-ascorbic acid visual detection based on polyaniline/polyamide 66 nano-fibers/nets membranes. <i>Talanta</i> , 2015 , 144, 1146-54	6.2	23

71	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. <i>RSC Advances</i> , 2015 , 5, 91813-91820	3.7	25
70	Triazole based Ag coordination clusters: synthesis, structural diversity and anion exchange properties. <i>RSC Advances</i> , 2015 , 5, 83415-83426	3.7	19
69	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20200-7	9.5	31
68	Electreted polyetherimide-silica fibrous membranes for enhanced filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2015 , 439, 12-20	9.3	124
67	Synthesis, Structure, and Magnetic Characterization of a Series of Iron(II) Coordination Frameworks with 2, 6-Bis(1, 2,4-triazole-4-yl)pyridine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 2422-2428	1.3	2
66	Hydrothermal syntheses and characterization of two novel luminescent Cadmium(II) frameworks: From 1D infinite triple Cd-(trz)-Cd bridges to a rare 1200 network with 2D CdBrCd inorganic connectivity. <i>Journal of Molecular Structure</i> , 2015 , 1087, 97-103	3.4	3
65	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, 5972-85	5.1	46
64	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	3.5	31
63	Syntheses, Structures, and Characterization of a Series of Novel Cobalt(II) Complexes with Bi- and Mono- Triazole Ligands. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 1034-1040		2
62	Hydrothermal Synthesis and Characterization of a Novel 1D Zn(II)-Triazole Framework Containing Infinite Zn-O-Zn Connectivity. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 1473-1476		1
61	Hydrothermal Synthesis and Characterization of Two Novel Lead(II) Frameworks: From 1D Infinite Helical Pb(OO)Pb Linkage to 3D Infinite PbXPb Network (X = O and Br). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1711-1716	1.3	2
60	Hydrothermal Synthesis and Characterization of a Novel 3D Chiral Inorganic-Organic Hybrid Cadmium(II) Framework With Achiral 1,4-Naphthalenedicarboxylic Acid Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 371-375		5
59	Synthesis and Characterization of a Novel Luminescent Silver(I)-Chromium(III) Heterometallic Hybrid Material With a Tripodal Ligand N-(Carbamoylmethyl) Iminodiacetate Acid (H2ADA). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 22-26		1
58	Hydrothermal syntheses of a series of cluster-based micro-porous luminescent cadmium(II) metalorganic frameworks with 4-amino-benzene-1,2,4-triazole: topological diversity, gas absorption and photo-luminescent characterization. <i>RSC Advances</i> , 2014 , 4, 25172	3.7	23
57	Hydrothermal Synthesis and Characterization of a Novel 2D Luminescent Silver(I) Microporous Framework with 4-(4-Aminobenzene)-1, 2, 4-triazole using Tetranuclear Silver(I) Clusters as Secondary Building Blocks. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2463-2467	1.3	1
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