Bin Ding

List of Publications by Year
in descending order

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		36303	38395
182	10,037	51	95
papers	citations	h-index	g-index

186	186	186	9657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultralight nanofibre-assembled cellular aerogels with superelasticity and multifunctionality. Nature Communications, 2014, 5, 5802.	12.8	860
2	Biomimetic and Superwettable Nanofibrous Skins for Highly Efficient Separation of Oilâ€inâ€Water Emulsions. Advanced Functional Materials, 2018, 28, 1705051.	14.9	536
3	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. Science Advances, 2018, 4, eaas8925.	10.3	414
4	Superhydrophilic and underwater superoleophobic nanofibrous membrane with hierarchical structured skin for effective oil-in-water emulsion separation. Journal of Materials Chemistry A, 2017, 5, 497-502.	10.3	332
5	Electret Polyvinylidene Fluoride Nanofibers Hybridized by Polytetrafluoroethylene Nanoparticles for High-Efficiency Air Filtration. ACS Applied Materials & Interfaces, 2016, 8, 23985-23994.	8.0	228
6	Daylight-driven rechargeable antibacterial and antiviral nanofibrous membranes for bioprotective applications. Science Advances, 2018, 4, eaar5931.	10.3	221
7	Four Novel Three-Dimensional Triazole-Based Zinc(II) Metalâ^'Organic Frameworks Controlled by the Spacers of Dicarboxylate Ligands:â€‰ Hydrothermal Synthesis, Crystal Structure, and Luminescence Properties. Crystal Growth and Design, 2007, 7, 2009-2015.	3.0	217
8	Novel Triazole-Bridged Cadmium Coordination Polymers Varying from Zero- to Three-Dimensionality. Inorganic Chemistry, 2004, 43, 33-43.	4.0	207
9	Heterometallic Alkaline Earthâ€“Lanthanide Ba^{II}â€“La^{III} Microporous Metalâ€“Organic Framework as Bifunctional Luminescent Probes of Al³⁺ and MnO₄^{â€“}. Inorganic Chemistry, 2016, 55, 4391-4402.	4.0	195
10	A novel 3D porous metalâ€“organic framework based on trinuclear cadmium clusters as a promising luminescent material exhibiting tunable emissions between UV and visible wavelengths. Chemical Communications, 2006, , 4906-4908.	4.1	183
11	Allâ€Fiber Structured Electronic Skin with High Elasticity and Breathability. Advanced Functional Materials, 2020, 30, 1908411.	14.9	170
12	Electreted polyetherimideâ€“silica fibrous membranes for enhanced filtration of fine particles. Journal of Colloid and Interface Science, 2015, 439, 12-20.	9.4	167
13	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. Journal of Colloid and Interface Science, 2015, 457, 203-211.	9.4	163
14	Ultra-light 3D nanofibre-nets binary structured nylon 6â€“polyacrylonitrile membranes for efficient filtration of fine particulate matter. Journal of Materials Chemistry A, 2015, 3, 23946-23954.	10.3	153
15	Slip-Effect Functional Air Filter for Efficient Purification of PM2.5. Scientific Reports, 2016, 6, 35472.	3.3	150
16	Synthesis of a series of 4-pyridyl-1,2,4-triazole-containing cadmium(ii) luminescent complexes. Dalton Transactions, 2006, , 665-675.	3.3	147
17	Robust Fluorine-Free Superhydrophobic Amino-Silicone Oil/SiO₂ Modification of Electrospun Polyacrylonitrile Membranes for Waterproof-Breathable Application. ACS Applied Materials & Interfaces, 2017, 9, 15139-15147.	8.0	136
18	First 3D Pr(III)â^'Ni(II)â^'Na(I) Polymer and A 3D Pr(III) Open Network Based on Pyridine-2,4,6-tricarboxylic Acid. Inorganic Chemistry, 2006, 45, 481-483.	4.0	135

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19	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. ACS Applied Materials & Interfaces, 2016, 8, 27218-27226.	8.0	132
20	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. Advanced Energy Materials, 2019, 9, 1802578.	19.5	132
21	Cleanable Air Filter Transferring Moisture and Effectively Capturing PM_{2.5}. Small, 2017, 13, 1603306.	10.0	127
22	Freeâ€Standing Polyurethane Nanofiber/Nets Air Filters for Effective PM Capture. Small, 2017, 13, 1702139.	10.0	126
23	An eight-connected 3D lead(<scp>ii</scp>) metalâ€“organic framework with octanuclear lead(<scp>ii</scp>) as a secondary building unit: synthesis, characterization and luminescent property. CrystEngComm, 2008, 10, 158-161.	2.6	122
24	Synthesis and Characterization of a 3D Coordination Polymer Based on Trinuclear Triangular Cullas Secondary Building Units. Inorganic Chemistry, 2006, 45, 5799-5803.	4.0	121
25	Carbonâ€Nanoplated CoS@TiO₂ Nanofibrous Membrane: An Interfaceâ€Engineered Heterojunction for Highâ€Efficiency Electrocatalytic Nitrogen Reduction. Angewandte Chemie - International Edition, 2019, 58, 18903-18907.	13.8	119
26	Low-Resistance Dual-Purpose Air Filter Releasing Negative Ions and Effectively Capturing PM_{2.5}. ACS Applied Materials & Interfaces, 2017, 9, 12054-12063.	8.0	115
27	Tuned Triazolatesilver(I) Luminescent Complexes from Zero- to Three-Dimensionality Based on Bi- to Tetratopic Bridged Ligands. Inorganic Chemistry, 2007, 46, 2002-2010.	4.0	112
28	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Doubleâ€Active Electrocatalyst toward Efficient Nitrogen Fixation. Angewandte Chemie - International Edition, 2019, 58, 16439-16444.	13.8	112
29	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. ACS Applied Materials & Interfaces, 2016, 8, 11819-11829.	8.0	106
30	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. ACS Applied Materials & Interfaces, 2017, 9, 29302-29310.	8.0	101
31	Hydrophobic Fibrous Membranes with Tunable Porous Structure for Equilibrium of Breathable and Waterproof Performance. Advanced Materials Interfaces, 2016, 3, 1600516.	3.7	98
32	Polybenzoxazine-Functionalized Melamine Sponges with Enhanced Selective Capillarity for Efficient Oil Spill Cleanup. ACS Applied Materials & Interfaces, 2018, 10, 40274-40285.	8.0	97
33	Hierarchical Porous Structured SiO₂/SnO₂ Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. ACS Applied Materials & Interfaces, 2017, 9, 18966-18976.	8.0	94
34	Hierarchical structured MnO2@SiO2 nanofibrous membranes with superb flexibility and enhanced catalytic performance. Journal of Hazardous Materials, 2017, 324, 203-212.	12.4	92
35	Structural Variations Influenced by Ligand Conformation and Counteranions in Copper(II) Complexes with Flexible Bis-Triazole Ligand. Crystal Growth and Design, 2009, 9, 593-601.	3.0	87
36	In situ synthesis of flexible hierarchical TiO₂ nanofibrous membranes with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2015, 3, 22136-22144.	10.3	86

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37	Six- and four-coordinated zinc(II) complexes exhibit strong blue fluorescent properties. Inorganic Chemistry Communication, 2003, 6, 1209-1212.	3.9	85
38	Functional modification of breathable polyacrylonitrile/polyurethane/TiO2 nanofibrous membranes with robust ultraviolet resistant and waterproof performance. Journal of Colloid and Interface Science, 2017, 508, 508-516.	9.4	85
39	Simultaneous visual detection and removal of lead(<scp>ii</scp>) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 18180-18189.	10.3	81
40	Synthesis, Crystal Structure, and Characterization of New Tetranuclear Ag(I) Complexes with Triazole Bridges. Inorganic Chemistry, 2006, 45, 5822-5829.	4.0	76
41	Highly flexible NiCo 2 O 4 /CNTs doped carbon nanofibers for CO 2 adsorption and supercapacitor electrodes. Journal of Colloid and Interface Science, 2016, 476, 87-93.	9.4	74
42	Self-organized growth of flower-like SnS₂ and forest-like ZnS nanoarrays on nickel foam for synergistic superiority in electrochemical ammonia synthesis. Journal of Materials Chemistry A, 2019, 7, 22235-22241.	10.3	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 Al³⁺. Inorganic Chemistry, 2018, 57, 12885-12899.	4.0	63
44	Balsam-Pear-Skin-Like Porous Polyacrylonitrile Nanofibrous Membranes Grafted with Polyethyleneimine for Postcombustion CO₂ Capture. ACS Applied Materials & Interfaces, 2017, 9, 41087-41098.	8.0	60
45	Flexible and Highly Temperature Resistant Polynanocrystalline Zirconia Nanofibrous Membranes Designed for Air Filtration. Journal of the American Ceramic Society, 2016, 99, 2760-2768.	3.8	59
46	A facile water-stable MOF-based â€œoffâ€“onâ€•fluorescent switch for label-free detection of dopamine in biological fluid. Journal of Materials Chemistry B, 2017, 5, 2524-2535.	5.8	59
47	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. Journal of Materials Chemistry A, 2014, 2, 18304-18312.	10.3	58
48	Turnâ€On Fluorescence and Unprecedented Encapsulation of Large Aromatic Molecules within a Manganese(II)â€“Triazole Metalâ€“Organic Confined Space. Chemistry - A European Journal, 2015, 21, 2107-2116.	3.3	57
49	A unique multi-functional cationic luminescent metalâ€“organic nanotube for highly sensitive detection of dichromate and selective high capacity adsorption of Congo red. RSC Advances, 2016, 6, 33888-33900.	3.6	54
50	Elastic and hierarchical porous carbon nanofibrous membranes incorporated with NiFe₂O₄nanocrystals for highly efficient capacitive energy storage. Nanoscale, 2016, 8, 2195-2204.	5.6	54
51	Highly efficient fluorescence sensing of phosphate by dual-emissive lanthanide MOFs. Dalton Transactions, 2018, 47, 12273-12283.	3.3	52
52	The development of coumarin Schiff base system applied as highly selective fluorescent/colorimetric probes for Cu2+ and tumor biomarker glutathione detection. Dyes and Pigments, 2020, 175, 108156.	3.7	51
53	Developing a unique metal-organic framework-{[Cd(abtz)2(NCS)]Â·(ClO4)}n (abtz =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 ascorbic acid in biological liquid. Sensors and Actuators B: Chemical, 2016, 234, 184-191.	7.8	50
54	Anion-Exchange and Anthracene-Encapsulation within Copper(II) and Manganese(II)-Triazole Metalâ€“Organic Confined Space in a Single Crystal-to-Single Crystal Transformation Fashion. Inorganic Chemistry, 2014, 53, 5972-5985.	4.0	48

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55	Electrospun carbon nanofibers with multi-aperture/opening porous hierarchical structure for efficient CO2 adsorption. Journal of Colloid and Interface Science, 2020, 561, 659-667.	9.4	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 Pb₄O₆ Cores (H₂IDA = iminodiacetic acid). Crystal Growth and Design, 2009, 9, 4176-4180.	3.0	47
57	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. RSC Advances, 2015, 5, 6027-6032.	3.6	47
58	Synthesis, structure and magnetic properties of a novel 1D coordination polymer {[Cu2(amtrz)4(1,1-Î¼-NCS)2](ClO4)2Â·H2O}n. Inorganic Chemistry Communication, 2007, 10, 7-10.	3.9	46
59	Tailoring Differential Moisture Transfer Performance of Nonwoven/Polyacrylonitrileâ€SiO₂ Nanofiber Composite Membranes. Advanced Materials Interfaces, 2017, 4, 1700062.	3.7	46
60	Nanofiberâ€Based Hydrogels: Controllable Synthesis and Multifunctional Applications. Macromolecular Rapid Communications, 2018, 39, e1800058.	3.9	46
61	A general strategy to fabricate soft magnetic CuFe2O4@SiO2 nanofibrous membranes as efficient and recyclable Fenton-like catalysts. Journal of Colloid and Interface Science, 2019, 538, 620-629.	9.4	46
62	The first 2D trinuclear Cd(ii)-complex with adenine nucleobase: hydrothermal synthesis, crystal structure and fluorescent properties. New Journal of Chemistry, 2007, 31, 1887.	2.8	44
63	Hydrothermal syntheses and characterization of a series of luminescent Cd(ii) frameworks with pyridine-based and benzene-based bis-triazole ligands. CrystEngComm, 2013, 15, 2490.	2.6	44
64	Constructing Ionic Gradient and Lithiophilic Interphase for Highâ€Rate Liâ€Metal Anode. Small, 2019, 15, e1905171.	10.0	42
65	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Doubleâ€Active Electrocatalyst toward Efficient Nitrogen Fixation. Angewandte Chemie, 2019, 131, 16591-16596.	2.0	42
66	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. RSC Advances, 2016, 6, 29629-29637.	3.6	41
67	Facile fabrication of fluorine-free breathable poly(methylhydrosiloxane)/polyurethane fibrous membranes with enhanced water-resistant capability. Journal of Colloid and Interface Science, 2019, 556, 541-548.	9.4	40
68	Constitution of a visual detection system for lead(<scp>ii</scp>) on polydiacetyleneâ€“glycine embedded nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 9722-9730.	10.3	39
69	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. RSC Advances, 2015, 5, 91813-91820.	3.6	38
70	Polybenzoxazine-based highly porous carbon nanofibrous membranes hybridized by tin oxide nanoclusters: durable mechanical elasticity and capacitive performance. Journal of Materials Chemistry A, 2016, 4, 7795-7804.	10.3	38
71	Hydrothermal synthesis and characterization of a series of luminescent Ag(<scp>i</scp>) coordination polymers with two new multidentate bis-(1,2,3-triazole) ligands: structural diversity, polymorphism and photoluminescent sensing. CrystEngComm, 2016, 18, 6640-6652.	2.6	38
72	Solvothermal and Ultrasonic Preparation of Two Unique Cluster-Based Lu and Y Coordination Materials: Metalâ€“Organic Framework-Based Ratiometric Fluorescent Biosensor for an Ornidazole and Ronidazole and Sensing Platform for a Biomarker of Amoeba Liver Abscess. Inorganic Chemistry, 2020, 59, 2910-2922.	4.0	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 Pb2Cl2(H2O)2 building blocks. Inorganic Chemistry Communication, 2008, 11, 1481-1483.	3.9	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. Ultrasonics Sonochemistry, 2018, 44, 340-349.	8.2	37
75	A water-stable MOF-AgClO4-abtz as fluorescent sensor for detection of folic acid based on inner filter effect. Talanta, 2020, 217, 121019.	5.5	37
76	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. ACS Applied Materials & Interfaces, 2015, 7, 20200-20207.	8.0	36
77	Polyaniline Enriched Flexible Carbon Nanofibers with Coreâ€“Shell Structure for Highâ€Performance Wearable Supercapacitors. Advanced Materials Interfaces, 2017, 4, 1700855.	3.7	36
78	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathableâ€“Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. Macromolecular Materials and Engineering, 2017, 302, .	3.6	36
79	A versatile method for fabricating ion-exchange hydrogel nanofibrous membranes with superb biomolecule adsorption and separation properties. Journal of Colloid and Interface Science, 2017, 506, 442-451.	9.4	35
80	One-step fabrication of multi-scaled, inter-connected hierarchical fibrous membranes for directional moisture transport. Journal of Colloid and Interface Science, 2020, 577, 207-216.	9.4	35
81	Robust and Flexible Carbon Nanofibers Doped with Amine Functionalized Carbon Nanotubes for Efficient CO₂ Capture. Advanced Sustainable Systems, 2017, 1, 1600028.	5.3	34
82	Porous, flexible, and core-shell structured carbon nanofibers hybridized by tin oxide nanoparticles for efficient carbon dioxide capture. Journal of Colloid and Interface Science, 2020, 560, 379-387.	9.4	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. CrystEngComm, 2013, 15, 8097.	2.6	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. Crystal Growth and Design, 2014, 14, 477-490.	3.0	32
85	In situ synthesis of carbon nanotube doped metalâ€“organic frameworks for CO₂ capture. RSC Advances, 2016, 6, 4382-4386.	3.6	32
86	Designing an â€œOffâ€“Onâ€•Fluorescence Sensor Based on Cluster-Based Ca^{II}-Metalâ€“Organic Frameworks for Detection of <scp>l</scp>-Cysteine in Biological Fluids. Langmuir, 2019, 35, 9885-9895.	3.5	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. Dyes and Pigments, 2021, 186, 109039.	3.7	32
88	A series of multi-dimensional metalâ€“organic frameworks with trans-4,4â€²-azo-1,2,4-triazole: polymorphism, guest induced single-crystal-to-single-crystal transformation and solvatochromism. CrystEngComm, 2015, 17, 5396-5409.	2.6	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. Dyes and Pigments, 2017, 146, 455-466.	3.7	30
90	TEMPO-mediated selective oxidation of substituted polysaccharidesâ€”an efficient approach for the determination of the degree of substitution at C-6. Carbohydrate Research, 2008, 343, 3112-3116.	2.3	29

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91	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. Npj Flexible Electronics, 2018, 2, .	10.7	29
92	Cluster-based CaII, MgII and CdII coordination polymers based on amino-functionalized tri-phenyl tetra-carboxylate: Bi-functional photo-luminescent sensing for Fe3+ and antibiotics. Dyes and Pigments, 2019, 170, 107631.	3.7	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). Journal of Molecular Structure, 2005, 738, 105-111.	3.6	25
94	A series of two-dimensional microporous triazole-functionalized metalâ€“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. RSC Advances, 2015, 5, 35238-35251.	3.6	25
95	Ready-to-use strip for l-ascorbic acid visual detection based on polyaniline/polyamide 66 nano-fibers/nets membranes. Talanta, 2015, 144, 1146-1154.	5.5	25
96	Hydrothermal synthesis and characterization of a novel luminescent lead(II) framework extended by novel Pb-Î¼1,1-(N)CS-Pb bridges. Journal of Molecular Structure, 2009, 920, 248-251.	3.6	24
97	Hydrothermal syntheses of a series of cluster-based micro-porous luminescent cadmium(ii) metalâ€“organic frameworks with 4-amino-benzene-1,2,4-triazole: topological diversity, gas absorption and photo-luminescent characterization. RSC Advances, 2014, 4, 25172.	3.6	24
98	Triazole based Ag coordination clusters: synthesis, structural diversity and anion exchange properties. RSC Advances, 2015, 5, 83415-83426.	3.6	24
99	A novel lead(II) framework containing Pbâ€“Oâ€“Pb and Pbâ€“Clâ€“Pb helical chains. Inorganic Chemistry Communication, 2008, 11, 509-512.	3.9	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 Î²-protein and acetylcholine. Analyst, The, 2020, 145, 4646-4663.	3.5	23
101	Insights into the flexibility of ZrM_xO_y (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. Dalton Transactions, 2016, 45, 6660-6666.	3.3	22
102	Carbonâ€Nanoplated CoS@TiO 2 Nanofibrous Membrane: An Interfaceâ€Engineered Heterojunction for Highâ€Efficiency Electrocatalytic Nitrogen Reduction. Angewandte Chemie, 2019, 131, 19079-19083.	2.0	22
103	Constructing Highly Conductive and Thermomechanical Stable Quasiâ€Solid Electrolytes by Selfâ€Polymerization of Liquid Electrolytes within Porous Polyimide Nanofiber Films. Advanced Functional Materials, 2022, 32, .	14.9	22
104	Photo-luminescent chiral carbon-dot@Eu(D-cam) nanocomposites for selectively luminescence sensing of l-phenylalanine. Journal of Molecular Structure, 2020, 1201, 127214.	3.6	21
105	g-C3N4 encapsulated ZrO2 nanofibrous membrane decorated with CdS quantum dots: A hierarchically structured, self-supported electrocatalyst toward synergistic NH3 synthesis. Nano Research, 2021, 14, 1479-1487.	10.4	21
106	Multi-Dimensional Systems Built from Dichromate Anionsâ^' Syntheses, Crystal Structures, and Magnetic Properties. European Journal of Inorganic Chemistry, 2004, 2004, 562-569.	2.0	20
107	A Novel 2â€Ð Copper(II) Complex with Paddlewheelâ€like Building Block. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1735-1738.	1.2	20
108	Pore volume and distribution regulation of highly nanoporous titanium dioxide nanofibers and their photovoltaic properties. Journal of Colloid and Interface Science, 2017, 490, 74-83.	9.4	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 â€œturn-onâ€•discrimination of l-arginine. Ultrasonics Sonochemistry, 2019, 59, 104734.	8.2	19
110	Dual-emission CdTe quantum dot@ZIF-365 ratiometric fluorescent sensor and application for highly sensitive detection of l-histidine and Cu2+. Talanta, 2020, 217, 121010.	5.5	19
111	A Novel 3D CuI Metalâ€“Organic Framework with Middle-Size Channels Despite the Sixfold ThSi2 Interpenetrating Topological Structure. European Journal of Inorganic Chemistry, 2006, 2006, 1337-1340.	2.0	18
112	Various metal-organic frameworks from 1D, 2D to 3D with 1,6-bis(1,2,4-triazol-1-yl)hexane. Inorganic Chemistry Communication, 2007, 10, 517-519.	3.9	17
113	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. RSC Advances, 2017, 7, 9704-9718.	3.6	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 Fe3+ and Cr2O72â^'. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119655.	3.9	17
115	Anion directing self-assembly of 2D and 3D water-stable silver(<scp>i</scp>) cation metal organic frameworks and their applications in real-time discriminating cysteine and DNA detection. Journal of Materials Chemistry B, 2018, 6, 4569-4574.	5.8	16
116	The irreversible crystal transformation of a novel Cadmium(II) supramolecular complex containing planar tetrameric water cluster. Inorganic Chemistry Communication, 2007, 10, 605-609.	3.9	15
117	Selfâ€Assembly of Perovskite Crystals Anchored Al₂O₃â€La₂O₃ Nanofibrous Membranes with Robust Flexibility and Luminescence. Small, 2018, 14, e1801963.	10.0	15
118	Synthesis, Structure and Characterization of a Novel One-dimensional Tube-like Cadmium Coordination Polymer. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1062-1065.	1.2	14
119	Hydrothermal synthesis and characterization of a 3D luminescent lead(II) framework containing 3D Pbâ€“Xâ€“Pb linkage (X=O and Cl) tuned by cis- and trans-ligand conformations. Inorganic Chemistry Communication, 2010, 13, 15-18.	3.9	14
120	First 3D heterotrimetallic Mn(II)â€“Cu(II)â€“K(I) 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.	3.9	14
121	Sb₂S₃ nanoparticles anchored on SnO₂ nanofibers: a high-performance hybrid electrocatalyst toward ammonia synthesis under ambient conditions. Chemical Communications, 2019, 55, 13892-13895.	4.1	13
122	Hot-melt Adhesive Bonding of Polyurethane/Fluorinated Polyurethane/Alkylsilane-Functionalized Graphene Nanofibrous Fabrics with Enhanced Waterproofness, Breathability, and Mechanical Properties. Polymers, 2020, 12, 836.	4.5	13
123	Hydrothermal syntheses and characterization of a series of lead(II) inorganicâ€“organic hybrid frameworks tuned by reaction temperature and inclusion of halide anions. Inorganic Chemistry Communication, 2013, 33, 170-174.	3.9	12
124	Post-modification preparation of dual-emission Eu3+@ZnII MOFs-based hybrid material and its application in highly sensitive ratiometric sensing for asthma wonder drug-procaterol enhanced by HCO3- and temperature. Sensors and Actuators B: Chemical, 2021, 344, 130199.	7.8	12
125	A linear trinuclear cobalt(II) complex with 4-(2-pyridine)-1,2,4-triazole: synthesis, structure and characterization. Journal of Coordination Chemistry, 2008, 61, 3793-3799.	2.2	11
126	Syntheses, structures and magnetic properties of a series of iron(II)-triazole crystalline coordination compounds: Solvent effect, different substituted groups and incomplete spin transition. Inorganic Chemistry Communication, 2013, 31, 44-48.	3.9	11

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127	Titania-based electrospun nanofibrous materials: a new model for organic pollutants degradation. MRS Communications, 2018, 8, 765-781.	1.8	11
128	Solvothermal Preparation of a Lanthanide Metal-Organic Framework for Highly Sensitive Discrimination of Nitrofurantoin and l-Tyrosine. Molecules, 2021, 26, 3673.	3.8	11
129	Synthesis, structure, and characterization of a series of Ag(i), Cu(ii) and Ni(ii) complexes based on 2,5-dimethyl-1,3,4-thiodiazole. CrystEngComm, 2013, 15, 6413.	2.6	10
130	Insight into the precursor nanofibers on the flexibility of La₂O₃-ZrO₂ nanofibrous membranes. E-Polymers, 2017, 17, 243-248.	3.0	10
131	Electrospinning, fibers and textiles: a new driving force for global development. E-Polymers, 2017, 17, 209-210.	3.0	10
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