

# Ning Wang

## List of Publications by Year in descending order

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173  
papers

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46984

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docs citations

177  
times ranked

10632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antisintering Pd <sub>1</sub> Catalyst for Propane Direct Dehydrogenation with In Situ Active Sites Regeneration Ability. ACS Catalysis, 2022, 12, 2244-2252.	5.5	23
2	Few-Atom Pt Ensembles Enable Efficient Catalytic Cyclohexane Dehydrogenation for Hydrogen Production. Journal of the American Chemical Society, 2022, 144, 3535-3542.	6.6	72
3	A Magnetically Separable Pd Single-Atom Catalyst for Efficient Selective Hydrogenation of Phenylacetylene. Advanced Materials, 2022, 34, e2110455.	11.1	44
4	Bridging the gap between atomically thin semiconductors and metal leads. Nature Communications, 2022, 13, 1777.	5.8	17
5	Insight into the Activity of Atomically Dispersed Cu Catalysts for Semihydrogenation of Acetylene: Impact of Coordination Environments. ACS Catalysis, 2022, 12, 48-57.	5.5	23
6	Universal Method to Synergistically Exfoliate and Functionalize Boron Nitride Nanosheets with a Large Yield and High Concentration. Industrial & Engineering Chemistry Research, 2022, 61, 8091-8100.	1.8	15
7	Graphene-like two-dimensional nanosheets-based anticorrosive coatings: A review. Journal of Materials Science and Technology, 2022, 129, 139-162.	5.6	46
8	A Tunable Resonant Circuit Based on Graphene Quantum Capacitor. Advanced Electronic Materials, 2021, 7, 2001009.	2.6	1
9	Polycrystalline powder. , 2021, , 149-157.		0
10	Strained Epitaxy of Monolayer Transition Metal Dichalcogenides for Wrinkle Arrays. ACS Nano, 2021, 15, 6633-6644.	7.3	37
11	Regulating coordination number in atomically dispersed Pt species on defect-rich graphene for n-butane dehydrogenation reaction. Nature Communications, 2021, 12, 2664.	5.8	111
12	Phase management in single-crystalline vanadium dioxide beams. Nature Communications, 2021, 12, 4214.	5.8	31
13	Lattice reconstruction induced multiple ultra-flat bands in twisted bilayer WSe <sub>2</sub> . Nature Communications, 2021, 12, 5601.	5.8	48
14	The Particle Interaction Analysis for Nanoparticles in Underfill for Flip-Chip Packaging-. , 2021, , .		0
15	Interaction of silane coupling agents with nano-silica probed by nano-IR*. , 2021, , .		0
16	Key factor analysis of nano silica on the dispersion in underfill. , 2021, , .		0
17	Tuning the selectivity of catalytic nitriles hydrogenation by structure regulation in atomically dispersed Pd catalysts. Nature Communications, 2021, 12, 6194.	5.8	51
18	Metal-insulator transitions in bilayer electron-hole systems in transition metal dichalcogenides. Physical Review B, 2021, 104, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Ti1â€“graphene single-atom material for improved energy level alignment in perovskite solar cells. Nature Energy, 2021, 6, 1154-1163.	19.8	72
20	Large-Size Superlattices Synthesized by Sequential Sulfur Substitution-Induced Transformation of Metastable MoTe <sub>2</sub> . Chemistry of Materials, 2021, 33, 9760-9768.	3.2	5
21	A newly designed paraffin@VO <sub>2</sub> phase change material with the combination of high latent heat and large thermal conductivity. Journal of Colloid and Interface Science, 2020, 559, 226-235.	5.0	45
22	Impact of Nanoscale Roughness on Heat Transport across the Solidâ€“Solid Interface. Advanced Materials Interfaces, 2020, 7, 1901582.	1.9	24
23	Two-Dimensional Antiferroelectricity in Nanostripe-Ordered $\ln\text{VO}_2$ . Physical Review Letters, 2020, 125, 047601.	2.9	58
24	Anomalous fracture in two-dimensional rhenium disulfide. Science Advances, 2020, 6, .	4.7	18
25	Low-temperature wafer-scale fabrication of vertical VO <sub>2</sub> nanowire arrays. Applied Physics Letters, 2020, 117, .	1.5	7
26	Quantum exciton solid in bilayer two-dimensional electron-hole systems. Physical Review B, 2020, 102, .	1.1	6
27	$\ln\text{VO}_2$ Scanning Transmission Electron Microscopy Observations of Fracture at the Atomic Scale. Physical Review Letters, 2020, 125, 246102.	2.9	34
28	Multistimuliâ€“Responsive Insectâ€“Scale Soft Robotics Based on Anisotropic Superâ€“Aligned VO <sub>2</sub> Nanowire/Carbon Nanotube Bimorph Actuators. Advanced Intelligent Systems, 2020, 2, 2000051.	3.3	14
29	Oxide Inhibitor-Assisted Growth of Single-Layer Molybdenum Dichalcogenides (MoX <sub>2</sub> , X =) Tj ETQq1 1,0,784314 rgBT /Ove	7.3	30
30	Multiple Regulation over Growth Direction, Band Structure, and Dimension of Monolayer WS <sub>2</sub> by a Quartz Substrate. Chemistry of Materials, 2020, 32, 2508-2517.	3.2	21
31	Exfoliated 2D hexagonal boron nitride nanosheet stabilized stearic acid as composite phase change materials for thermal energy storage. Solar Energy, 2020, 204, 624-634.	2.9	41
32	Integrated electrochemical analysis of polyvinyl pyrrolidone (PVP) as the inhibitor for copper chemical mechanical planarization (Cu-CMP). Journal of Alloys and Compounds, 2019, 770, 175-182.	2.8	38
33	Revealing Atomic Structure and Oxidation States of Dopants in Charge-Ordered Nanoparticles for Migration-Promoted Oxygen-Exchange Capacity. Chemistry of Materials, 2019, 31, 5769-5777.	3.2	10
34	Free-Molecular-Flow Modulated Synthesis of Hexagonal Boron Nitride Monolayers. Crystal Growth and Design, 2019, 19, 7007-7014.	1.4	10
35	Halidesâ€“Assisted Lowâ€“Temperature Synthesis of Hexagonal Boron Nitride Nanosheets. Particle and Particle Systems Characterization, 2019, 36, 1900278.	1.2	2
36	Anchoring Cu <sup>1</sup> species over nanodiamond-graphene for semi-hydrogenation of acetylene. Nature Communications, 2019, 10, 4431.	5.8	224

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37	Synthesis, crystal structure, and two-dimension correlation infrared spectroscopy on two novel Pr carboxylic acid coordination polymers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 430-437.	2.0	4
38	Actuators: Single-Crystalline Vanadium Dioxide Actuators (Adv. Funct. Mater. 20/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970138.	7.8	0
39	Effects of Hexagonal Boron Nitride Encapsulation on the Electronic Structure of Few-Layer MoS <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2019, 123, 14797-14802.	1.5	42
40	Single-Crystalline Vanadium Dioxide Actuators. <i>Advanced Functional Materials</i> , 2019, 29, 1900527.	7.8	37
41	Tin-Assisted Fully Exposed Platinum Clusters Stabilized on Defect-Rich Graphene for Dehydrogenation Reaction. <i>ACS Catalysis</i> , 2019, 9, 5998-6005.	5.5	150
42	Enhanced Gate Reliability in GaN MIS-FETs by Converting the GaN Channel into Crystalline Gallium Oxynitride. <i>ACS Applied Electronic Materials</i> , 2019, 1, 642-648.	2.0	10
43	Recent advances in fabrication strategies, phase transition modulation, and advanced applications of vanadium dioxide. <i>Applied Physics Reviews</i> , 2019, 6, .	5.5	93
44	Intrinsic valley Hall transport in atomically thin MoS <sub>2</sub> . <i>Nature Communications</i> , 2019, 10, 611.	5.8	77
45	Determining Interaction Enhanced Valley Susceptibility in Spin-Valley-Locked MoS <sub>2</sub> . <i>Nano Letters</i> , 2019, 19, 1736-1742.	4.5	35
46	Atomic-scale identification of crystalline GaON nanophase for enhanced GaN MIS-FET channel. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	16
47	The paraffin wax microcapsule PCM with VO <sub>2</sub> shell for the thermal management. , 2019, , .		0
48	A universal method for large-yield and high-concentration exfoliation of two-dimensional hexagonal boron nitride nanosheets. <i>Materials Today</i> , 2019, 27, 33-42.	8.3	149
49	Tailoring Highly Thermal Conductive Properties of Te/MoS <sub>2</sub> /Ag Heterostructure Nanocomposites Using a Bottom-Up Approach. <i>Advanced Electronic Materials</i> , 2019, 5, 1800548.	2.6	25
50	An Ultralight Graphene Honeycomb Sandwich for Stretchable Light-Emitting Displays. <i>Advanced Functional Materials</i> , 2018, 28, 1707043.	7.8	61
51	Twin Defect Derived Growth of Atomically Thin MoS <sub>2</sub> Dendrites. <i>ACS Nano</i> , 2018, 12, 635-643.	7.3	92
52	Flexible <sup>12</sup> -Ni(OH) <sub>2</sub> /graphene electrode with high areal capacitance enhanced by conductive interconnection. <i>Journal of Alloys and Compounds</i> , 2018, 737, 731-739.	2.8	23
53	Surface engineering on continuous VO <sub>2</sub> thin films to improve thermochromic properties: Top-down acid etching and bottom-up self-patterning. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 529-535.	5.0	27
54	Suppressed Hole-Induced Degradation in E-mode GaN MIS-FETs with Crystalline $\text{GaO}_{\text{x}}\text{N}_{1-\text{x}}$ Channel. , 2018, , .		4

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55	Graphene-Based Heterogeneous Electrodes for Energy Storage. , 2018, , .		1
56	Visible Light-Responsive Photocatalytic Activity of Boron Nitride Incorporated Composites. <i>Frontiers in Chemistry</i> , 2018, 6, 440.	1.8	37
57	Atomically Dispersed Pd on Nanodiamond/Graphene Hybrid for Selective Hydrogenation of Acetylene. <i>Journal of the American Chemical Society</i> , 2018, 140, 13142-13146.	6.6	342
58	Fluctuation-induced tunneling conduction in iodine-doped bilayer graphene. <i>Journal of Applied Physics</i> , 2018, 123, 244302.	1.1	2
59	Thermochromic VO <sub>2</sub> for Energy-Efficient Smart Windows. <i>Joule</i> , 2018, 2, 1707-1746.	11.7	536
60	Controlled Porosity in Thermochromic Coatings. , 2018, , .		0
61	The Influence of Ti Doping on Morphology and Photoelectrochemical Properties of Hematite Grown from Aqueous Solution for Water Splitting. <i>Energy Technology</i> , 2018, 6, 2188-2199.	1.8	18
62	Electron Energy-Loss Spectroscopy of Spatial Nonlocality and Quantum Tunneling Effects in the Bright and Dark Plasmon Modes of Gold Nanosphere Dimers. <i>Advanced Quantum Technologies</i> , 2018, 1, 1800016.	1.8	13
63	Hydrothermal Exfoliation for Two-Dimension Boron Nitride Nanosheets. , 2018, , .		1
64	Odd-Integer Quantum Hall States and Giant Spin Susceptibility in $p$ -Type Few-Layer $WS_2$ . <i>Physical Review Letters</i> , 2017, 118, 067702.	2.9	37
65	Improving Interfacial Charge Recombination in Planar Heterojunction Perovskite Photovoltaics with Small Molecule as Electron Transport Layer. <i>Advanced Energy Materials</i> , 2017, 7, 1700522.	10.2	173
66	Normally-Off LPCVD-SiN <sub>x</sub> /GaN MIS-FET With Crystalline Oxidation Interlayer. <i>IEEE Electron Device Letters</i> , 2017, 38, 929-932.	2.2	67
67	One-step hydrothermal synthesis of rare earth/W-codoped VO <sub>2</sub> nanoparticles: Reduced phase transition temperature and improved thermochromic properties. <i>Journal of Alloys and Compounds</i> , 2017, 711, 222-228.	2.8	66
68	Shape-Dependent Defect Structures of Monolayer MoS <sub>2</sub> Crystals Grown by Chemical Vapor Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 763-770.	4.0	45
69	Luminescent two-dimensional Cd(II) coordination polymer for selective sensing Fe <sup>3+</sup> and 2,4,6-trinitrophenol with high sensitivity in water. <i>Inorganic Chemistry Communication</i> , 2017, 86, 262-266.	1.8	14
70	Solar Cells: Improving Interfacial Charge Recombination in Planar Heterojunction Perovskite Photovoltaics with Small Molecule as Electron Transport Layer (Adv. Energy Mater. 18/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	10.2	13
71	Ambipolar quantum transport in few-layer black phosphorus. <i>Physical Review B</i> , 2017, 96, .	1.1	26
72	A New Three-Dimensional Cd(II) Metal-Organic Framework for Highly Selective Sensing of Fe <sup>3+</sup> as well as Nitroaromatic Compounds. <i>ChemistrySelect</i> , 2017, 2, 12046-12050.	0.7	24

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73	Singleâ€Crystalline Wâ€Doped VO <sub>2</sub> Nanobeams with Highly Reversible Electrical and Plasmonic Responses Near Room Temperature. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600164.	1.9	60
74	Achieving Ultrahigh Carrier Mobility in Two-Dimensional Hole Gas of Black Phosphorus. <i>Nano Letters</i> , 2016, 16, 7768-7773.	4.5	242
75	Three Dimensional Sculpturing of Vertical Nanowire Arrays by Conventional Photolithography. <i>Scientific Reports</i> , 2016, 6, 18886.	1.6	7
76	Probing the electronic states and impurity effects in black phosphorus vertical heterostructures. <i>2D Materials</i> , 2016, 3, 015012.	2.0	16
77	Effect of lanthanum doping on modulating the thermochromic properties of VO <sub>2</sub> thin films. <i>RSC Advances</i> , 2016, 6, 48455-48461.	1.7	44
78	Lead-induced stress corrosion cracking behavior of mechanically surface-treated alloy 690. <i>Materials Research Letters</i> , 2016, 4, 180-184.	4.1	5
79	Negative compressibility in graphene-terminated black phosphorus heterostructures. <i>Physical Review B</i> , 2016, 93, .	1.1	10
80	Periodic micro-patterned VO <sub>2</sub> thermochromic films by mesh printing. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8385-8391.	2.7	68
81	Two-Dimensional SiO <sub>2</sub> /VO <sub>2</sub> Photonic Crystals with Statically Visible and Dynamically Infrared Modulated for Smart Window Deployment. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 33112-33120.	4.0	153
82	V <sub>2</sub> O <sub>5</sub> -C-SnO <sub>2</sub> Hybrid Nanobelts as High Performance Anodes for Lithium-ion Batteries. <i>Scientific Reports</i> , 2016, 6, 33597.	1.6	31
83	Evenâ€“odd layer-dependent magnetotransport of high-mobility Q-valley electrons in transition metal disulfides. <i>Nature Communications</i> , 2016, 7, 12955.	5.8	82
84	Simultaneous Analysis of Hydrochlorothiazide, Triamterene and Reserpine in Rat Plasma by HPLC and DSPE. <i>Chromatographia</i> , 2016, 79, 451-456.	0.7	4
85	Prolonged Electron Lifetime in Ordered TiO <sub>2</sub> Mesophyll Cellâ€Like Microspheres for Efficient Photocatalytic Water Reduction and Oxidation. <i>Small</i> , 2016, 12, 2291-2299.	5.2	50
86	K <sup>I</sup> -induced synthesis of highly connected 3D K <sup>I</sup> â€Ln <sup>III</sup> heterobimetallic MOFs: temperature-dependent structure and physical properties. <i>CrystEngComm</i> , 2016, 18, 1570-1576.	1.3	6
87	Terbium-Doped VO <sub>2</sub> Thin Films: Reduced Phase Transition Temperature and Largely Enhanced Luminous Transmittance. <i>Langmuir</i> , 2016, 32, 759-764.	1.6	112
88	A fast transfer-free synthesis of high-quality monolayer graphene on insulating substrates by a simple rapid thermal treatment. <i>Nanoscale</i> , 2016, 8, 2594-2600.	2.8	20
89	Detection of interlayer interaction in few-layer graphene. <i>Physical Review B</i> , 2015, 92, .	1.1	22
90	Hydrothermal Assembly of Two New 3D Zinc(II) pcu Nets: Coordination Chemistry, Crystal Structures, and Fluorescence Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 699-703.	0.6	8

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91	Directly Metering Light Absorption and Heat Transfer in Single Nanowires Using Metal-Insulator Transition in VO <sub>2</sub> . <i>Advanced Optical Materials</i> , 2015, 3, 336-341.	3.6	21
92	Mg/W-codoped vanadium dioxide thin films with enhanced visible transmittance and low phase transition temperature. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6771-6777.	2.7	142
93	Probing the electron states and metal-insulator transition mechanisms in molybdenum disulphide vertical heterostructures. <i>Nature Communications</i> , 2015, 6, 6088.	5.8	181
94	Hierarchical ZnO Nanostructures with Blooming Flowers Driven by Screw Dislocations. <i>Scientific Reports</i> , 2015, 5, 8226.	1.6	14
95	van der Waals Epitaxial Growth of Atomically Thin Bi <sub>2</sub> Se <sub>3</sub> and Thickness-Dependent Topological Phase Transition. <i>Nano Letters</i> , 2015, 15, 2645-2651.	4.5	54
96	Lanthanide metal-organic frameworks based on the 4,4'-oxybisbenzoic acid ligand: synthesis, structures and physical properties. <i>New Journal of Chemistry</i> , 2015, 39, 9872-9878.	1.4	7
97	High-quality sandwiched black phosphorus heterostructure and its quantum oscillations. <i>Nature Communications</i> , 2015, 6, 7315.	5.8	423
98	Syntheses, crystal structures and properties of series of 4d-4f In(III)-Ag(I) heterometallic coordination polymers. <i>Journal of Solid State Chemistry</i> , 2015, 225, 24-30.	1.4	10
99	Coordination polymers from 1-D to 3-D assembled from disulfonate ligands: Structures and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2014, 48, 120-126.	1.8	2
100	Detection of resonant impurities in graphene by quantum capacitance measurement. <i>Physical Review B</i> , 2014, 89, .	1.1	18
101	A series of interdigitated Cd(ii) coordination polymers based on 4,6-dibenzoylisophthalic acid and flexible triazole ligands. <i>RSC Advances</i> , 2014, 4, 15816-15819.	1.7	13
102	From marine plants to photovoltaic devices. <i>Energy and Environmental Science</i> , 2014, 7, 343-346.	15.6	21
103	Interlaced WO <sub>3</sub> nanofibers as a superior catalyst for the counter electrode of highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4347-4354.	5.2	58
104	Butterfly-like enantiomerically homochiral {Co <sup>II</sup> Co <sup>III</sup> }_4 clusters exhibiting both slow magnetic relaxation and ferroelectric property. <i>Dalton Transactions</i> , 2014, 43, 3238-3243.	1.6	30
105	Bioinspired Multifunctional Vanadium Dioxide: Improved Thermochromism and Hydrophobicity. <i>Langmuir</i> , 2014, 30, 10766-10771.	1.6	131
106	Nanoporous Thermochromic VO <sub>2</sub> (M) Thin Films: Controlled Porosity, Largely Enhanced Luminous Transmittance and Solar Modulating Ability. <i>Langmuir</i> , 2014, 30, 1710-1715.	1.6	134
107	Dense Network of One-Dimensional Midgap Metallic Modes in Monolayer MoSe <sub>2</sub> Their Spatial Undulations. <i>Physical Review Letters</i> , 2014, 113, 066105.	2.9	172
108	Preparation of Palladium Catalysts Supported on Carbon Nanotubes by an Electrostatic Adsorption Method. <i>ChemCatChem</i> , 2014, 6, 2600-2606.	1.8	33

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109	Reduction of nitrobenzene catalyzed by carbon materials. Chinese Journal of Catalysis, 2014, 35, 914-921.	6.9	48
110	Two kinds of 3D coordination frameworks from monometallic to 4d <sup>4</sup> heterometallic: Synthesis, crystal structures, photoluminescence and magnetic properties. Inorganic Chemistry Communication, 2014, 46, 163-171.	1.8	7
111	Arenedisulfonate-4d <sup>4</sup> 3D heterometallic coordination polymers constructed from 2,7-naphthalenedisulfonate and isonicotinic acid: Structure, luminescence, and magnetic properties. Inorganic Chemistry Communication, 2014, 40, 151-156.	1.8	16
112	Fluorination of Metal Phthalocyanines: Single-Crystal Growth, Efficient N-Channel Organic Field-Effect Transistors and Structure-Property Relationships. Scientific Reports, 2014, 4, 7573.	1.6	74
113	Enhanced photocatalytic performance of TiO <sub>2</sub> -ZnO hybrid nanostructures. Scientific Reports, 2014, 4, 4181.	1.6	248
114	Europium Doped Vanadium Dioxide Material: Reduced Phase Transition Temperature, Enhanced Luminous Transmittance and Solar Modulation. Science of Advanced Materials, 2014, 6, 558-561.	0.1	69
115	Ultrarapid Sonochemical Synthesis of ZnO Hierarchical Structures: From Fundamental Research to High Efficiencies up to 6.42% for Quasi-Solid Dye-Sensitized Solar Cells. Chemistry of Materials, 2013, 25, 1000-1012.	3.2	124
116	Electron-electron interactions in monolayer graphene quantum capacitors. Nano Research, 2013, 6, 619-626.	5.8	17
117	Multifunctional overcoats on vanadium dioxide thermochromic thin films with enhanced luminous transmission and solar modulation, hydrophobicity and anti-oxidation. Applied Surface Science, 2013, 283, 222-226.	3.1	79
118	Cost-effective and morphology-controllable niobium diselenides for highly efficient counter electrodes of dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11874.	5.2	52
119	Formation of VO <sub>2</sub> zero-dimensional/nanoporous layers with large supercooling effects and enhanced thermochromic properties. RSC Advances, 2013, 3, 7124.	1.7	47
120	Charge Transfer: Oxygen-Assisted Charge Transfer Between ZnO Quantum Dots and Graphene (Small) Tj ETQq0 0 Q rgBT /Overlock 10 T	5.2	8
121	Structures, luminescence and magnetic properties of three 3D lanthanide-zinc heterometallic coordination polymers based on 3-amino-1,2,4-triazole and Oxalate. Inorganic Chemistry Communication, 2013, 37, 197-201.	1.8	6
122	Syntheses, structures, and photoluminescent properties of a series of zinc(ii)-3-amino-1,2,4-triazolate coordination polymers constructed by varying carboxylate anions. CrystEngComm, 2013, 15, 3261.	1.3	67
123	Simple sol-gel process and one-step annealing of vanadium dioxide thin films: Synthesis and thermochromic properties. Thin Solid Films, 2013, 534, 594-598.	0.8	80
124	Series of novel 3D microporous heterometallic 3d <sup>4</sup> coordination frameworks with (5,6)-connected topology: synthesis, crystal structure and magnetic properties. CrystEngComm, 2013, 15, 4611.	1.3	23
125	Interesting structures of self-assembled gadolinium coordination polymers with tuned stoichiometric ratios. Journal of Coordination Chemistry, 2013, 66, 191-205.	0.8	4
126	Density of States and Its Local Fluctuations Determined by Capacitance of Strongly Disordered Graphene. Scientific Reports, 2013, 3, .	1.6	20



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127	Two Types of New Three-Dimensional d <sup>8</sup> Heterometallic Coordination Polymers Based on 2-(Pyridin-3-yl)-1 <i>H</i> -Imidazole-4,5-Dicarboxylate and Oxalate Ligands: Syntheses, Structures, Luminescence, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 4441-4449.	1.4	63
128	Assembly of two new Mn(II) coordination polymers based on 5-aminoisophthalate: Structural diversity and properties. <i>Inorganic Chemistry Communication</i> , 2012, 22, 93-97.	1.8	2
129	Optimizing nanosheet-based ZnO hierarchical structure through ultrasonic-assisted precipitation for remarkable photovoltaic enhancement in quasi-solid dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 13097.	6.7	48
130	Syntheses, crystal structures, and magnetic properties of four novel Cu(I/II) complexes. <i>Inorganica Chimica Acta</i> , 2012, 383, 235-243.	1.2	8
131	First lanthanide coordination polymers with N,N-dimethylformamide hydrolysis induced formate ligands. <i>Inorganica Chimica Acta</i> , 2012, 384, 333-339.	1.2	28
132	An empirical approach to explain the material removal rate for copper chemical mechanical polishing. <i>Tribology International</i> , 2012, 47, 142-144.	3.0	18
133	Construction of a porous Na <sup>+</sup> /Cd mixed metal-organic framework based on biphenyl-4,4'-dicarboxylate and benzotriazole. <i>Monatshefte für Chemie</i> , 2012, 143, 421-425.	0.9	6
134	Zn <sub>2</sub> TiO <sub>4</sub> ~ZnO Nanowire Axial Heterostructures Formed by Unilateral Diffusion. <i>Journal of Physical Chemistry C</i> , 2011, 115, 78-82.	1.5	18
135	A new family of 3D heterometallic 3d <sup>8</sup> organodisulfonate complexes based on the linkages of 2D [Ln(nds)(H <sub>2</sub> O)] <sub>n</sub> layers and [Cu(ina) <sub>2</sub> ] <sub>n</sub> chains. <i>CrystEngComm</i> , 2011, 13, 138-144.	1.3	30
136	Three Novel Polymeric Coll/Cull Complexes Assembled from 5-Nitro-1,2,3-benzenetricarboxylate and 4,4'-Bipyridine: Syntheses, Crystal Structures, and Magnetic Properties. <i>Australian Journal of Chemistry</i> , 2011, 64, 1346.	0.5	14
137	Synergistic roles of mixed inhibitors and the application of mixed complexing ligands in copper chemical mechanical polishing. <i>Microelectronic Engineering</i> , 2011, 88, 3372-3374.	1.1	27
138	Controllable assembly of organodisulfonate complexes with tuned mole ratios: From 0D to 3D networks. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1807-1814.	1.8	13
139	A New Lanthanide Coordination Polymer with 4,4'-Oxybis (Benzoic Acid) Ligand: Hydrothermal Synthesis, Crystal Structure and Photoluminescence. <i>Journal of Chemical Crystallography</i> , 2011, 41, 757-761.	0.5	9
140	Three novel microporous 3D heterometallic 3d <sup>8</sup> coordination polymers: Synthesis, crystal structures and photoluminescence properties. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1396-1399.	1.8	26
141	C <sup>+</sup> /H <sup>+</sup> /Cl <sup>-</sup> relevant discrepancy on structure, magnetic and electronic conductivity of two mixed-valence CuI/CuII coordination polymers. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1699-1706.	1.4	10
142	Growth of multilayers of Bi <sub>2</sub> Se <sub>3</sub> /ZnSe: Heteroepitaxial interface formation and strain. <i>Applied Physics Letters</i> , 2011, 98, 043104.	1.5	29
143	Nitrogen deep accepters in ZnO nanowires induced by ammonia plasma. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	16
144	3-Chloro-4-dimethylamino-5-[(1R,2S,5R)-2-isopropyl-5-methylcyclohexyloxy]furan-2(5H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1485-o1486.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Structure and Metal-Insulator Transition of VO <sub>2</sub> Nanowires Grown on Sapphire Substrates. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4332-4338.	1.0	14
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157	Hydrothermal Synthesis, Crystal Structure and Thermal Stability of two 3d-4f Heterometallic Coordination Polymers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 2381-2384.	0.6	3
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