

Xu Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	First-principles computational insights into lithium battery cathode materials. <i>Electrochemical Energy Reviews</i> , 2022, 5, 1-31.	13.1	21
2	Recovering the electrochemical window by forming a localized solvation nanostructure in ionic liquids with trace water. <i>Science China Chemistry</i> , 2022, 65, 96-105.	4.2	2
3	Unspliced XBP1 Counteracts β -Catenin to Inhibit Vascular Calcification. <i>Circulation Research</i> , 2022, 130, 213-229.	2.0	27
4	Achieving T-Type Photochromism through Generating Copper(I) Metallacyclopentadiene Biradical. <i>CCS Chemistry</i> , 2022, 4, 3832-3841.	4.6	2
5	Subnanometer-thick 2D GaN film with a large bandgap synthesized by plasma enhanced chemical vapor deposition. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4053-4059.	5.2	5
6	Synthesis of Aliphatic Hyperbranched Polycarbonates via Organo-Catalyzed α -A ₁ +B ₂ -Ring-Opening Polymerization. <i>Macromolecules</i> , 2022, 55, 1030-1041.	2.2	3
7	All-Inorganic Perovskite Solar Cells with Tetrabutylammonium Acetate as the Buffer Layer between the SnO ₂ Electron Transport Film and CsPb ₃ . <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5183-5193.	4.0	20
8	Morphology-Controlled Electrocatalytic Performance of Two-Dimensional VSe ₂ Nanoflakes for Hydrogen Evolution Reactions. <i>ACS Applied Nano Materials</i> , 2022, 5, 2087-2093.	2.4	4
9	Activation of the endocannabinoid system mediates cardiac hypertrophy induced by rosiglitazone. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2302-2312.	2.8	3
10	Superior Volumetric Capability Dual-Ion Batteries Enabled by A Microsize Niobium Tungsten Oxide Anode. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	14
11	Al/Ti Synergistic Doping Enhanced Cycle Stability of Li-Rich Layered Oxides. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	29
12	Neospora caninum Evades Immunity via Inducing Host Cell Mitophagy to Inhibit Production of Proinflammatory Cytokines in a ROS-Dependent Manner. <i>Frontiers in Immunology</i> , 2022, 13, 827004.	2.2	4
13	<i>Giardia lamblia</i> regulates the production of proinflammatory cytokines through activating the NOD2/Rip2/ROS signaling pathway in mouse macrophages. <i>Immunology and Cell Biology</i> , 2022, 100, 440-452.	1.0	3
14	Prevention Effect of Protopanaxadiol-Type Saponins and Protopanaxatriol-Type Saponins on Myelosuppression Mice Induced by Cyclophosphamide. <i>Frontiers in Pharmacology</i> , 2022, 13, 845034.	1.6	6
15	Collaborative optimization for energy saving and service composition in multi-granularity heavy-duty equipment cloud manufacturing environment. <i>Journal of Industrial and Management Optimization</i> , 2022, .	0.8	0
16	Sex Differences in Mate Choice Preference Characteristics of <i>Aequidens rivulatus</i> . <i>Animals</i> , 2022, 12, 1205.	1.0	0
17	Strong-Weak Response Network-Enabled Ionic Conductive Hydrogels with High Stretchability, Self-Healability, and Self-Adhesion for Ionic Sensors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32551-32560.	4.0	16
18	Full Concentration Gradient-Tailored Li-Rich Layered Oxides for High-Energy Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2001358.	11.1	65

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19	Geometrically isomeric Pt ₂ Ag ₂ acetylide complexes of 2,6-bis(diphenylphosphino)pyridine: luminescent and vapochromic properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2323-2332.	3.0	5
20	Recent advances in the conversion of furfural into bio-chemicals through chemo- and bio-catalysis. <i>RSC Advances</i> , 2021, 11, 27042-27058.	1.7	44
21	Highly reversible aluminium-sulfur batteries obtained through effective sulfur confinement with hierarchical porous carbon. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8966-8974.	5.2	36
22	Homo-FRET enhanced ratiometric fluorescence strategy for exonuclease III activity detection. <i>Analytical Methods</i> , 2021, 13, 1489-1494.	1.3	6
23	Transcriptome Analysis for <i>Fraxinus mandshurica</i> Rupr. Seedlings from Different Carbon Sequestration Provenances in Response to Nitrogen Deficiency. <i>Forests</i> , 2021, 12, 257.	0.9	3
24	The 2021 battery technology roadmap. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 183001.	1.3	158
25	A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10304-10310.	7.2	104
26	A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie</i> , 2021, 133, 10392-10398.	1.6	29
27	Film Formation Control for High Performance Dion-Jacobson 2D Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2002733.	10.2	62
28	A sky-blue luminescent silver(I) complex with a one-dimensional zipper-like structure constructed with 2-diphenylphosphinopyridine and thiocyanate. <i>Transition Metal Chemistry</i> , 2021, 46, 415-421.	0.7	7
29	Highly Stable Waterborne Luminescent Inks Based on MAPbBr ₃ @PbBr(OH) Nanocrystals for LEDs and Anticounterfeit Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20622-20632.	4.0	42
30	Preparation of Co(OH)_2 @MWCNTs-COOH nanocomposites and their application for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13941-13947.	1.1	2
31	Salty Ice Electrolyte with Superior Ionic Conductivity Towards Low-Temperature Aqueous Zinc Ion Hybrid Capacitors. <i>Advanced Functional Materials</i> , 2021, 31, 2101277.	7.8	81
32	Hepcidin gene silencing ameliorated inflammation and insulin resistance in adipose tissue of db/db mice via inhibiting METs formation. <i>Molecular Immunology</i> , 2021, 133, 110-121.	1.0	13
33	Reviving the lithium-manganese-based layered oxide cathodes for lithium-ion batteries. <i>Matter</i> , 2021, 4, 1511-1527.	5.0	107
34	Oxygen anionic redox activated high-energy cathodes: Status and prospects. <i>ETransportation</i> , 2021, 8, 100118.	6.8	34
35	Monoclonal Immunoglobulin-Associated Renal Lesions in Patients with Newly Diagnosed Multiple Myeloma: A Report from a Single Center. <i>Cancer Management and Research</i> , 2021, Volume 13, 3879-3888.	0.9	3
36	Rechargeable Al-Chalcogen Batteries: Status, Challenges, and Perspectives. <i>Advanced Energy Materials</i> , 2021, 11, 2100769.	10.2	22

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37	Influence of air oxidative and non-oxidative torrefaction on the chemical properties of corn stalk. <i>Bioresource Technology</i> , 2021, 332, 125120.	4.8	49
38	Rechargeable Al- <i>Chalcogen Batteries: Status, Challenges, and Perspectives</i> (<i>Adv. Energy Mater.</i> 29/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170117.	10.2	1
39	<i>Trypanosoma evansi</i> triggered neutrophil extracellular traps formation dependent on myeloperoxidase, neutrophil elastase, and extracellular signal-regulated kinase 1/2 signaling pathways. <i>Veterinary Parasitology</i> , 2021, 296, 109502.	0.7	6
40	Agranulocytosis following injection of inactivated Japanese encephalitis vaccine (Vero cell): A case report. <i>World Journal of Clinical Cases</i> , 2021, 9, 7468-7471.	0.3	1
41	Crystalline appearance in light chain cast nephropathy is associated with higher early mortality in patients with newly diagnosed multiple myeloma. <i>International Immunopharmacology</i> , 2021, 98, 107875.	1.7	3
42	Overexpressing STAMP2 attenuates diabetic renal injuries via upregulating autophagy in diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2021, 579, 47-53.	1.0	6
43	Host defense against <i>Neospora caninum</i> infection via IL-12p40 production through TLR2/TLR3-AKT-ERK signaling pathway in C57BL/6 mice. <i>Molecular Immunology</i> , 2021, 139, 140-152.	1.0	7
44	Associations of polycyclic aromatic hydrocarbons exposure and its interaction with XRCC1 genetic polymorphism with lung cancer: A case-control study. <i>Environmental Pollution</i> , 2021, 290, 118077.	3.7	6
45	High-Voltage "Single-Crystal" Cathode Materials for Lithium-Ion Batteries. <i>Energy & Fuels</i> , 2021, 35, 1918-1932.	2.5	93
46	γ-Glutamic acid as a versatile platform for rapid synthesis of functional polyesters via facile Passerini multicomponent polymerization. <i>Journal of Polymer Science</i> , 2021, 59, 3111-3121.	2.0	6
47	Observation of Topological Edge States on $\pm\text{Bi}_{2-x}\text{Br}_{2x}$ Nanowires Grown on TiSe_2 Substrates. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10465-10471.	2.1	6
48	Sodium-Ion Battery Anode Construction with SnP_x Crystal Domain in Amorphous Phosphorus Matrix. <i>Energy Material Advances</i> , 2021, 2021, .	4.7	8
49	Enhanced Performance and Stability of Carbon Counter Electrode-Based MAPbI_3 Perovskite Solar Cells with <i>p</i> -Methylphenylamine Iodate Additives. <i>ACS Applied Energy Materials</i> , 2021, 4, 11314-11324.	2.5	4
50	Genome-wide identification, classification, and expression analysis of the JmjC domain-containing histone demethylase gene family in birch. <i>BMC Genomics</i> , 2021, 22, 772.	1.2	10
51	The effect of different pulsed magnetic field and microwave composite treatment on the aroma compounds and sensory characteristics of soy-sauce flavor Chinese liquor. <i>CYTA - Journal of Food</i> , 2021, 19, 793-804.	0.9	1
52	The Protective Role of TLR2 Mediates Impaired Autophagic Flux by Activating the mTOR Pathway During <i>Neospora caninum</i> Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 788340.	1.8	5
53	Microbial-Derived Polyhydroxyalkanoate-Based Scaffolds for Bone Tissue Engineering: Biosynthesis, Properties, and Perspectives. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 763031.	2.0	8
54	A comprehensive survey of AR/MR-based co-design in manufacturing. <i>Engineering With Computers</i> , 2020, 36, 1715-1738.	3.5	38

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55	Sn4P3-induced crystalline/amorphous composite structures for enhanced sodium-ion battery anodes. <i>Journal of Materials Science and Technology</i> , 2020, 55, 73-80.	5.6	22
56	Wrinkle networks in exfoliated multilayer graphene and other layered materials. <i>Carbon</i> , 2020, 156, 24-30.	5.4	23
57	Crystalline Domain Battery Materials. <i>Accounts of Chemical Research</i> , 2020, 53, 368-379.	7.6	37
58	Morin alleviates LPS-induced mastitis by inhibiting the PI3K/AKT, MAPK, NF- κ B and NLRP3 signaling pathway and protecting the integrity of blood-milk barrier. <i>International Immunopharmacology</i> , 2020, 78, 105972.	1.7	44
59	Two-step phosphorescent mechanochromism due to intramolecular deformation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 715-720.	2.7	33
60	Selective Ethane/Ethylene Separation in a Robust Microporous Hydrogen-Bonded Organic Framework. <i>Journal of the American Chemical Society</i> , 2020, 142, 633-640.	6.6	183
61	Biomass-derived cellulose nanoparticles display considerable neurotoxicity in zebrafish. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1783-1792.	3.6	5
62	Local spring effect in titanium-based layered oxides. <i>Energy and Environmental Science</i> , 2020, 13, 4371-4380.	15.6	13
63	Core-Shell Structured Bi/BiOBr Photoelectrodes for Efficient Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24164-24170.	1.5	13
64	TiO ₂ Nanocrystal-Framed Li ₂ TiSiO ₅ Platelets for Low-Voltage Lithium Battery Anode. <i>Advanced Functional Materials</i> , 2020, 30, 2001909.	7.8	25
65	ROS-mediated NLRP3 inflammasome activation participates in the response against <i>Neospora caninum</i> infection. <i>Parasites and Vectors</i> , 2020, 13, 449.	1.0	15
66	Pyrolysis Temperature Effect on Compositions of Neutral Nitrogen and Acidic Species in Shale Oil Using Negative-Ion ESI FT-ICR MS. <i>ACS Omega</i> , 2020, 5, 23940-23950.	1.6	6
67	Composite Nanostructure Construction on the Grain Surface of Li-Rich Layered Oxides. <i>Advanced Materials</i> , 2020, 32, e1906070.	11.1	74
68	Effect of CaO on Pyrolysis Products and Reaction Mechanisms of a Corn Stover. <i>ACS Omega</i> , 2020, 5, 10276-10287.	1.6	46
69	High-stability fluorescent perovskites embedded in PbBrOH triggered by imidazole derivatives in water. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5594-5599.	2.7	24
70	Interfacial and Electronic Modulation via Localized Sulfurization for Boosting Lithium Storage Kinetics. <i>Advanced Materials</i> , 2020, 32, e2000151.	11.1	98
71	Impact of angle of attack on plasma flow and electromagnetic wave propagation around hypersonic vehicles. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 2270-2280.	0.9	5
72	Automatic wavefront reconstruction on single interferogram with spatial carrier frequency using Fourier transform. <i>Optoelectronics Letters</i> , 2020, 16, 75-80.	0.4	3

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73	Substituent steric effect boosting phosphorescence efficiency of PtCu ₂ complexes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5174-5182.	2.7	8
74	Se ²⁺ -directed synthesis of polymeric carbon nitride with potential applications in heavy metal-containing industrial sewage treatment. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5377.	1.7	20
75	Blue luminescent silver(I) complexes constructed by 2-diphenylphosphinopyridine and dicyanamide or tricyanomethanide. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107916.	1.8	10
76	High-Temperature Electrochemical Performance Enhancement of Lithium-Rich Layered Oxides by Surface Modification. <i>ACS Applied Energy Materials</i> , 2020, 3, 4888-4895.	2.5	9
77	A metal-organic framework-derived pseudocapacitive titanium oxide/carbon core/shell heterostructure for high performance potassium ion hybrid capacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16302-16311.	5.2	40
78	Swine sperm induces neutrophil extracellular traps that entangle sperm and embryos. <i>Reproduction</i> , 2020, 160, 217-225.	1.1	10
79	Nanosilver induces the formation of neutrophil extracellular traps in mouse neutrophil granulocytes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109508.	2.9	24
80	Neutrophil extracellular traps promote cadmium chloride-induced lung injury in mice. <i>Environmental Pollution</i> , 2019, 254, 113021.	3.7	27
81	A moisture absorbing gel electrolyte enables aqueous and flexible supercapacitors operating at high temperatures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20398-20404.	5.2	57
82	Dual Bond Enhanced Multidimensional Constructed Composite Silicon Anode for High-Performance Lithium Ion Batteries. <i>ACS Nano</i> , 2019, 13, 8854-8864.	7.3	91
83	A High-Energy Aqueous Aluminum-Manganese Battery. <i>Advanced Functional Materials</i> , 2019, 29, 1905228.	7.8	122
84	Multifunctional polyurethanes synthesized from different triarylamine units with electrochromic, photogeneration, memory storage and sensing properties. <i>New Journal of Chemistry</i> , 2019, 43, 1177-1185.	1.4	8
85	Effect of Copper Substrate Surface Orientation on the Reductive Functionalization of Graphene. <i>Chemistry of Materials</i> , 2019, 31, 8639-8648.	3.2	6
86	Interfacial Engineering at the 2D/3D Heterojunction for High-Performance Perovskite Solar Cells. <i>Nano Letters</i> , 2019, 19, 7181-7190.	4.5	163
87	An advanced high energy-efficiency rechargeable aluminum-selenium battery. <i>Nano Energy</i> , 2019, 66, 104159.	8.2	39
88	PtAu ₃ cluster complexes with narrow-band emissions for solution-processed organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2604-2614.	2.7	36
89	Magnetic Damping Constant of CoFeB/Pt Thin Films With Varying the Thicknesses of Pt and Insertion Layer of Al. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-5.	1.2	5
90	A sub-100 °C aluminum ion battery based on a ternary inorganic molten salt. <i>Chemical Communications</i> , 2019, 55, 2138-2141.	2.2	44

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91	Silver (<sc>i</sc>) nanoclusters of carbazole-1,8-bis(acetylide): from visible to near-infrared emission. <i>Chemical Communications</i> , 2019, 55, 6281-6284.	2.2	19
92	Compact Magnetic Field Sensor Based on a Magnetic-Fluid-Integrated Fiber Interferometer. <i>IEEE Magnetics Letters</i> , 2019, 10, 1-5.	0.6	16
93	Enhanced Silicon Diphosphide-Carbon Composite Anode for Long-Cycle, High-Efficient Sodium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 2223-2229.	2.5	22
94	Fluorescent In based MOFs showing a return on luminescence towards thiols and acting as a ratiometric fluorescence thermometer. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3049-3055.	2.7	39
95	A low-cost deep eutectic solvent electrolyte for rechargeable aluminum-sulfur battery. <i>Energy Storage Materials</i> , 2019, 22, 418-423.	9.5	102
96	Enhancing Phosphorescence through Rigidifying the Conformation to Achieve High-Efficiency OLEDs by Modified PEDOT. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45853-45861.	4.0	24
97	Luminescent oligonuclear metal complexes and the use in organic light-emitting diodes. <i>Coordination Chemistry Reviews</i> , 2019, 378, 121-133.	9.5	84
98	Graphitization of graphene oxide films under pressure. <i>Carbon</i> , 2018, 132, 294-303.	5.4	84
99	Orientation-Dependent Strain Relaxation and Chemical Functionalization of Graphene on a Cu(111) Foil. <i>Advanced Materials</i> , 2018, 30, 1706504.	11.1	60
100	Rotary ultrasonic drilling of needle-punched carbon/carbon composites: comparisons with conventional twist drilling and high-speed drilling. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 189-200.	1.5	13
101	Raman Spectral Band Oscillations in Large Graphene Bubbles. <i>Physical Review Letters</i> , 2018, 120, 186104.	2.9	43
102	Stable Electrochromic Polyschiff Bases Containing Triarylamine Units: Synthesis, Electrochemical, and Acidochromic Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 429-439.	1.9	0
103	Understanding hydration effects on mechanical and impacting properties of turtle shell. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 78, 116-123.	1.5	9
104	A CuI modified Mg-coordination polymer as a ratiometric fluorescent probe for toxic thiol molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13367-13374.	2.7	12
105	Achievement of ligand-field induced thermochromic luminescence via two-step single-crystal to single-crystal transformations. <i>Chemical Communications</i> , 2018, 54, 13961-13964.	2.2	52
106	Stability analysis of the tunnel face in the cohesive-frictional soils considering the arch effect and rotational mechanism. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2018, 41, 697-709.	0.6	17
107	Solar-Thermal Driven Self-Heating of Micro-Supercapacitors at Low Temperatures. <i>Solar Rrl</i> , 2018, 2, 1800223.	3.1	36
108	Using phosphorescent PtAu ₃ clusters for superior solution-processable organic light emitting diodes with very small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8966-8976.	2.7	24

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109	An Adaptive Deghosting Method in Neural Network-Based Infrared Detectors Nonuniformity Correction. <i>Sensors</i> , 2018, 18, 211.	2.1	15
110	Optimization design using a global and comprehensive performance index and angular constraints in a type of parallel manipulator. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401878706.	0.8	7
111	Luminescent Vapochromism Due to a Change of the Ligand Field in a One-Dimensional Manganese(II) Coordination Polymer. <i>Inorganic Chemistry</i> , 2018, 57, 9175-9181.	1.9	52
112	What Drives Metal-Surface Step Bunching in Graphene Chemical Vapor Deposition?. <i>Physical Review Letters</i> , 2018, 120, 246101.	2.9	52
113	Structural insights into hydrogenated graphite prepared from fluorinated graphite through Birch-type reduction. <i>Carbon</i> , 2017, 121, 309-321.	5.4	12
114	Sodide and Organic Halides Effect Covalent Functionalization of Single-Layer and Bilayer Graphene. <i>Journal of the American Chemical Society</i> , 2017, 139, 4202-4210.	6.6	27
115	Three-dimensional numerical simulation for drilling of 2.5D carbon/carbon composites. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 2985-2996.	1.5	13
116	Porous Two-Dimensional Monolayer Metal-Organic Framework Material and Its Use for the Size-Selective Separation of Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28107-28116.	4.0	51
117	Phosphorescent mechanochromism through the contraction of Ag ₁₂ Cu ₂ clusters in tetradecanuclear copper-silver acetylide complexes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8782-8787.	2.7	34
118	miRNA alteration is an important mechanism in sugarcane response to low-temperature environment. <i>BMC Genomics</i> , 2017, 18, 833.	1.2	61
119	A Method of Sky Ripple Residual Nonuniformity Reduction for a Cooled Infrared Imager and Hardware Implementation. <i>Sensors</i> , 2017, 17, 1070.	2.1	5
120	Design and Performance Analysis of an Intrinsically Safe Ultrasonic Ranging Sensor. <i>Sensors</i> , 2016, 16, 867.	2.1	7
121	Porous niobium nitride as a capacitive anode material for advanced Li-ion hybrid capacitors with superior cycling stability. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9760-9766.	5.2	84
122	Carbon encapsulated RuO ₂ nano-dots anchoring on graphene as an electrode for asymmetric supercapacitors with ultralong cycle life in an ionic liquid electrolyte. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8180-8189.	5.2	59
123	Mesoporous Ni-doped MnCo ₂ O ₄ hollow nanotubes as an anode material for sodium ion batteries with ultralong life and pseudocapacitive mechanism. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18392-18400.	5.2	68
124	Birch-Type Hydrogenation of Few-Layer Graphenes: Products and Mechanistic Implications. <i>Journal of the American Chemical Society</i> , 2016, 138, 14980-14986.	6.6	27
125	High-efficiency solution-processed OLEDs based on cationic Ag ₆ Cu heteroheptanuclear cluster complexes with aromatic acetylides. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1787-1794.	2.7	46
126	High-performance supercapacitors based on novel carbons derived from <i>Sterculia lychnophora</i> . <i>RSC Advances</i> , 2015, 5, 32159-32167.	1.7	25

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127	Engineering the Electrochemical Capacitive Properties of Microsupercapacitors Based on Graphene Quantum Dots/MnO ₂ Using Ionic Liquid Gel Electrolytes. ACS Applied Materials & Interfaces, 2015, 7, 25378-25389.	4.0	99
128	The antihyperlipidemic effect of Fu-Ling-Pi is associated with abnormal fatty acid metabolism as assessed by UPLC-HDMS-based lipidomics. RSC Advances, 2015, 5, 64208-64219.	1.7	23
129	cIMP synthesized by sGC as a mediator of hypoxic contraction of coronary arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H328-H336.	1.5	52
130	Focused chemical libraries "design and enrichment: an example of protein-protein interaction chemical space. Future Medicinal Chemistry, 2014, 6, 1291-1307.	1.1	32
131	Synthesis of porous ZnO nanospheres for gas sensor and photocatalysis. Journal of Sol-Gel Science and Technology, 2014, 69, 370-377.	1.1	21
132	Enhanced water retention and stable dynamic water behavior of sulfonated poly(ether ether ketone) membranes under low humidity by incorporating humidity responsive double-shelled hollow spheres. Journal of Materials Chemistry A, 2013, 1, 11762.	5.2	21
133	Hybrid molecular nanostructures with donor-acceptor chains. Science China Chemistry, 2013, 56, 124-130.	4.2	8
134	Spectroscopic and Phosphorescent Modulation in Triphosphine-Supported PtAg ₂ Heterotrimeric Alkynyl Complexes. Inorganic Chemistry, 2013, 52, 5167-5175.	1.9	57
135	Optimization of a 3-PRS parallel manipulator based on interval analysis. , 2012, , .		2
136	MOLECULAR TEMPLATES FOR CONTROLLING AND ORDERING ORGANIC MOLECULES ON SOLID SURFACES. Nano, 2012, 07, 1230001.	0.5	3
137	Vapochromic and Mechanochromic Phosphorescence Materials Based on a Platinum(II) Complex with 4-Trifluoromethylphenylacetylidyde. Inorganic Chemistry, 2012, 51, 5569-5579.	1.9	166
138	Photo-controlled metal-ion (Zn ²⁺ and Cd ²⁺) release in aqueous Tween-20 micelle solution. Physical Chemistry Chemical Physics, 2012, 14, 2312.	1.3	4
139	Luminescence vapochromism in solid materials based on metal complexes for detection of volatile organic compounds (VOCs). Journal of Materials Chemistry, 2012, 22, 11427.	6.7	215
140	Effects of micron-sized metal particles on the mechanical properties of In-Sn thermal interface materials. , 2011, , .		3
141	Hydrogen Bond Partner Reorganization in the Coadsorption of a Monodendron and Pyridylethynyl Derivatives. Langmuir, 2011, 27, 1292-1297.	1.6	13
142	Mechanochromic Luminescence Switch of Platinum(II) Complexes with 5-Trimethylsilylethynyl-2,2'-bipyridine. Inorganic Chemistry, 2011, 50, 9090-9096.	1.9	119
143	Construction and Properties of a Phototriggered Cd ²⁺ Release System. European Journal of Organic Chemistry, 2011, 2011, 1346-1350.	1.2	5
144	Vapor- and Mechanical-Triggered Color and Luminescence Switches for Bis(trifluorophenylacetylidyde) Platinum(II) Complexes. Chemistry - A European Journal, 2011, 17, 1171-1183.	1.7	187

#	ARTICLE	IF	CITATIONS
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