Fei Xu

List of Publications by Year
in descending order

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184	7,521	76326	69250
papers	citations	40 h-index	77 g-index

195	195	195	8350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The oyster genome reveals stress adaptation and complexity of shell formation. Nature, 2012, 490, 49-54.	27.8	1,966
2	Salicylic Acid and Jasmonic Acid Are Essential for Systemic Resistance Against Tobacco mosaic virus in Nicotiana benthamiana. Molecular Plant-Microbe Interactions, 2014, 27, 567-577.	2.6	173
3	Fluorinated, Sulfur-Rich, Covalent Triazine Frameworks for Enhanced Confinement of Polysulfides in Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2017, 9, 37731-37738.	8.0	164
4	Ultrastable Surfaceâ€Dominated Pseudocapacitive Potassium Storage Enabled by Edgeâ€Enriched Nâ€Doped Porous Carbon Nanosheets. Angewandte Chemie - International Edition, 2020, 59, 19460-19467.	13.8	148
5	Novel lanthanum doped biochars derived from lignocellulosic wastes for efficient phosphate removal and regeneration. Bioresource Technology, 2019, 289, 121600.	9.6	131
6	Energy-storage covalent organic frameworks: improving performance via engineering polysulfide chains on walls. Chemical Science, 2019, 10, 6001-6006.	7.4	121
7	Highly efficient nitrate removal in a heterotrophic denitrification system amended with redox-active biochar: A molecular and electrochemical mechanism. Bioresource Technology, 2019, 275, 297-306.	9.6	115
8	Molecular Basis for Adaptation of Oysters to Stressful Marine Intertidal Environments. Annual Review of Animal Biosciences, 2016, 4, 357-381.	7.4	113
9	Divergence and plasticity shape adaptive potential of the Pacific oyster. Nature Ecology and Evolution, 2018, 2, 1751-1760.	7.8	113
10	Genome-wide and single-base resolution DNA methylomes of the Pacific oyster Crassostrea gigas provide insight into the evolution of invertebrate CpG methylation. BMC Genomics, 2014, 15, 1119.	2.8	110
11	Arabidopsis cryptochrome 1 functions in nitrogen regulation of flowering. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7661-7666.	7.1	107
12	Validation of housekeeping genes as internal controls for studying gene expression during Pacific oyster (Crassostrea gigas) development by quantitative real-time PCR. Fish and Shellfish Immunology, 2013, 34, 939-945.	3.6	95
13	Copper sulfide nanoparticles as high-performance cathode materials for magnesium secondary batteries. Nanoscale, 2018, 10, 12526-12534.	5.6	95
14	Mitochondrial alternative oxidaseâ€dependent autophagy involved in ethyleneâ€mediated drought tolerance in Solanum lycopersicum. Plant Biotechnology Journal, 2018, 16, 2063-2076.	8.3	94
15	Poly(anthraquinonyl imide) as a high capacity organic cathode material for Na-ion batteries. Journal of Materials Chemistry A, 2016, 4, 11491-11497.	10.3	91
16	Effects of light on cyanideâ€resistant respiration and alternative oxidase function in Arabidopsis seedlings. Plant, Cell and Environment, 2010, 33, 2121-2131.	5.7	81
17	The roles of ascorbic acid and glutathione in symptom alleviation to SA-deficient plants infected with RNA viruses. Planta, 2011, 234, 171-181.	3.2	81
18	Alpha-momorcharin, a RIP produced by bitter melon, enhances defense response in tobacco plants against diverse plant viruses and shows antifungal activity in vitro. Planta, 2013, 237, 77-88.	3.2	81

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19	Genomic Analysis of the Pacific Oyster (Crassostrea gigas) Reveals Possible Conservation of Vertebrate Sex Determination in a Mollusc. G3: Genes, Genomes, Genetics, 2014, 4, 2207-2217.	1.8	81
20	Anthraquinone-based polyimide cathodes for sodium secondary batteries. Electrochemistry Communications, 2015, 60, 117-120.	4.7	81
21	A broad-spectrum, efficient and nontransgenic approach to control plant viruses by application of salicylic acid and jasmonic acid. Planta, 2011, 233, 299-308.	3.2	70
22	Lack of Salicylic Acid in Arabidopsis Protects Plants against Moderate Salt Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 231-238.	1.4	69
23	Light intensity affects chlorophyll synthesis during greening process by metabolite signal from mitochondrial alternative oxidase in <scp>A</scp>rabidopsis. Plant, Cell and Environment, 2016, 39, 12-25.	5.7	66
24	Perspective on Carbon Anode Materials for K⁺ Storage: Balancing the Intercalationâ€Controlled and Surfaceâ€Driven Behavior. Advanced Energy Materials, 2021, 11, 2100856.	19.5	60
25	Red blood cell extrudes nucleus and mitochondria against oxidative stress. IUBMB Life, 2011, 63, 560-565.	3.4	58
26	A hollow CuS nanocube cathode for rechargeable Mg batteries: effect of the structure on the performance. Journal of Materials Chemistry A, 2019, 7, 21410-21420.	10.3	58
27	Black BiVO₄: size tailored synthesis, rich oxygen vacancies, and sodium storage performance. Journal of Materials Chemistry A, 2020, 8, 1636-1645.	10.3	58
28	High Rate, Long Lifespan LiV₃O₈ Nanorods as a Cathode Material for Lithiumâ€Ion Batteries. Small, 2017, 13, 1603148.	10.0	57
29	Electrolyte solvation chemistry for lithiumâ€“sulfur batteries with electrolyte-lean conditions. Journal of Energy Chemistry, 2021, 55, 80-91.	12.9	57
30	Dephosphorylation of photosystem II proteins and phosphorylation of CP29 in barley photosynthetic membranes as a response to water stress. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 1238-1245.	1.0	55
31	Transient accumulation of Mg-protoporphyrin IX regulates expression of PhANGs â€“ New evidence for the signaling role of tetrapyrroles in mature Arabidopsis plants. Journal of Plant Physiology, 2011, 168, 714-721.	3.5	54
32	Experimental investigation of SCF distribution for thin-walled concrete-filled CHS joints under axial tension loading. Thin-Walled Structures, 2015, 93, 149-157.	5.3	53
33	Nanosheets assembling hierarchical starfish-like Cu2â^'xSe as advanced cathode for rechargeable Mg batteries. Chemical Engineering Journal, 2020, 384, 123235.	12.7	53
34	Nitrogen-Phosphorus Codoped Carbon Nanospheres as Lubricant Additives for Antiwear and Friction Reduction. ACS Applied Nano Materials, 2020, 3, 5362-5371.	5.0	50
35	Identification and Functional Characterization of Two Executioner Caspases in Crassostrea gigas. PLoS ONE, 2014, 9, e89040.	2.5	49
36	The roles of two transcription factors, ABI4 and CBFA, in ABA and plastid signalling and stress responses. Plant Molecular Biology, 2013, 83, 445-458.	3.9	46

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37	Experimental investigation of thin-walled concrete-filled steel tube columns with reinforced lattice angle. Thin-Walled Structures, 2014, 84, 59-67.	5.3	44
38	Characterization of the Mollusc RIG-I/MAVS Pathway Reveals an Archaic Antiviral Signalling Framework in Invertebrates. Scientific Reports, 2017, 7, 8217.	3.3	44
39	Intracellular copper/zinc superoxide dismutase from bay scallop Argopecten irradians: Its gene structure, mRNA expression and recombinant protein. Fish and Shellfish Immunology, 2009, 27, 210-220.	3.6	43
40	The plastid hexokinase pHXK: A node of convergence for sugar and plastid signals in Arabidopsis. FEBS Letters, 2010, 584, 3573-3579.	2.8	43
41	Facile synthesis of Ti₄O₇ on hollow carbon spheres with enhanced polysulfide binding for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 10494-10504.	10.3	43
42	Identification of Thyroid Hormones and Functional Characterization of Thyroid Hormone Receptor in the Pacific Oyster Crassostrea gigas Provide Insight into Evolution of the Thyroid Hormone System. PLoS ONE, 2015, 10, e0144991.	2.5	42
43	Reinforcing the Egg-Timer: Recruitment of Novel Lophotrochozoa Homeobox Genes to Early and Late Development in the Pacific Oyster. Genome Biology and Evolution, 2015, 7, 677-688.	2.5	42
44	Atomic Snâ€“enabled high-utilization, large-capacity, and long-life Na anode. Science Advances, 2022, 8, eabm7489.	10.3	42
45	The promises and challenges of fusion constructs in protein biochemistry and enzymology. Applied Microbiology and Biotechnology, 2016, 100, 8273-8281.	3.6	40
46	Sulfonyl-based polyimide cathode for lithium and sodium secondary batteries: Enhancing the cycling performance by the electrolyte. Materials Chemistry and Physics, 2016, 169, 192-197.	4.0	40
47	Construction of a high-density genetic map and fine QTL mapping for growth and nutritional traits of Crassostrea gigas. BMC Genomics, 2018, 19, 626.	2.8	39
48	Architecture engineering of carbonaceous anodes for highâ€rate potassiumâ€ion batteries. , 2021, 3, 554-581.		39
49	Chlorine dioxide treatment decreases respiration and ethylene synthesis in freshâ€cut â€˜<scp>H</scp>amiâ€™ melon fruit. International Journal of Food Science and Technology, 2013, 48, 1775-1782.	2.7	38
50	Laboratory Hybridization betweenCrassostrea ariakensisandC. Sikamea. Journal of Shellfish Research, 2009, 28, 453-458.	0.9	36
51	Experimental Investigation and Design of Concrete-Filled Steel Tubular CHS Connections. Journal of Structural Engineering, 2015, 141, .	3.4	36
52	Three-dimensional ordered mesoporous cobalt nitride for fast-kinetics and stable-cycling lithium storage. Journal of Materials Chemistry A, 2019, 7, 17561-17569.	10.3	35
53	Mesoporous Thin-Wall Molybdenum Nitride for Fast and Stable Na/Li Storage. ACS Applied Materials & Interfaces, 2019, 11, 41188-41195.	8.0	34
54	Ni0.85Se hexagonal nanosheets as an advanced conversion cathode for Mg secondary batteries. Journal of Energy Chemistry, 2020, 48, 226-232.	12.9	33

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55	Identification of Conserved and Novel MicroRNAs in the Pacific Oyster Crassostrea gigas by Deep Sequencing. PLoS ONE, 2014, 9, e104371.	2.5	33
56	Brassinosteroids Counteract Abscisic Acid in Germination and Growth of Arabidopsis. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 225-230.	1.4	32
57	High expression of new genes in trochophore enlightening the ontogeny and evolution of trochozoans. Scientific Reports, 2016, 6, 34664.	3.3	32
58	Enhancement of denitrification in biofilters by immobilized biochar under low-temperature stress. Bioresource Technology, 2022, 347, 126664.	9.6	31
59	Generalized Domino-Driven Synthesis of Hollow Hybrid Carbon Spheres with Ultrafine Metal Nitrides/Oxides. Matter, 2020, 3, 246-260.	10.0	30
60	Cu2MoS4 hollow nanocages with fast and stable Mg2+-storage performance. Chemical Engineering Journal, 2020, 387, 124125.	12.7	30
61	Manipulation of carbon framework from the microporous to nonporous via a mechanical-assisted treatment for structure-oriented energy storage. Carbon, 2020, 159, 140-148.	10.3	29
62	Significantly enhancing recombinant alkaline amylase production in Bacillus subtilis by integration of a novel mutagenesis-screening strategy with systems-level fermentation optimization. Journal of Biological Engineering, 2016, 10, 13.	4.7	28
63	A bibliometric analysis of oyster research from 1991 to 2014. Aquaculture International, 2016, 24, 327-344.	2.2	28
64	A high-performance hybrid Mg2+/Li+ battery based on hierarchical copper sulfide microflowers conversion cathode. Electrochimica Acta, 2018, 263, 168-175.	5.2	28
65	A non-phosgene process for bioderived polycarbonate with high molecular weight and advanced property profile synthesized using amino acid ionic liquids as catalysts. Green Chemistry, 2020, 22, 2534-2542.	9.0	28
66	Effects of salinity on larvae of the oystersCrassostrea ariakensis,C. sikameaand the hybrid cross. Marine Biology Research, 2011, 7, 796-803.	0.7	27
67	Comparative study of four rice cultivars with different levels of cadmium tolerance. Biologia (Poland), 2013, 68, 74-81.	1.5	27
68	Hollow carbon nanospheres with high surface areas for fast, broad-spectrum and sensitive adsorption of pollutants. Nanoscale, 2018, 10, 5725-5730.	5.6	27
69	Cost-Effective Synthesis of High Molecular Weight Biobased Polycarbonate via Melt Polymerization of Isosorbide and Dimethyl Carbonate. ACS Sustainable Chemistry and Engineering, 2020, 8, 9968-9979.	6.7	27
70	Assembled NiS nanoneedles anode for Na-ion batteries: Enhanced the performance by organic hyperbranched polymer electrode additives. Journal of Power Sources, 2020, 451, 227796.	7.8	27
71	A new EV71 VP3 epitope in norovirus P particle vector displays neutralizing activity and protection in vivo in mice. Vaccine, 2015, 33, 6596-6603.	3.8	26
72	Phylogenetics of Lophotrochozoan bHLH Genes and the Evolution of Lineage-Specific Gene Duplicates. Genome Biology and Evolution, 2017, 9, 869-886.	2.5	26

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73	Composite alkaline activator on cemented soil: Multiple tests and mechanism analyses. Construction and Building Materials, 2018, 188, 433-443.	7.2	26
74	CoSe₂ hollow microspheres, nano-polyhedra and nanorods as pseudocapacitive Mg-storage materials with fast solid-state Mg²⁺ diffusion kinetics. Nanoscale, 2019, 11, 23173-23181.	5.6	26
75	Facile, general and template-free construction of monodisperse yolkâ€“shell metal@carbon nanospheres. Chemical Communications, 2017, 53, 12136-12139.	4.1	25
76	Hollow Carbon Nanospheres with Developed Porous Structure and Retained N Doping for Facilitated Electrochemical Energy Storage. Langmuir, 2019, 35, 12889-12897.	3.5	25
77	Mgâ€protoporphyrin, haem and sugar signals double cellular total RNA against herbicide and highâ€lightâ€derived oxidative stress. Plant, Cell and Environment, 2011, 34, 1031-1042.	5.7	24
78	Molten salt of lithium bis(fluorosulfonyl)imide (LiFSI)-potassium bis(fluorosulfonyl)imide (KFSI) as electrolyte for the natural graphite/LiFePO4 lithium-ion cell. Electrochimica Acta, 2014, 135, 217-223.	5.2	24
79	Efficient synthesis of isosorbide-based polycarbonate with scalable dicationic ionic liquid catalysts by balancing the reactivity of the endo-OH and exo-OH. Green Chemistry, 2021, 23, 973-982.	9.0	24
80	The lithium storage performance of electrolytic-carbon from CO2. Journal of Power Sources, 2017, 341, 419-426.	7.8	23
81	Electrochemical properties of poly(anthraquinonyl imide)s as high-capacity organic cathode materials for Li-ion batteries. Materials Chemistry and Physics, 2018, 214, 120-125.	4.0	23
82	a-MoS₃@CNT nanowire cathode for rechargeable Mg batteries: a pseudocapacitive approach for efficient Mg-storage. Nanoscale, 2019, 11, 16043-16051.	5.6	23
83	Evolutionary coupling saturation mutagenesis: Coevolutionâ€guided identification of distant sites influencing Bacillus naganoensis pullulanase activity. FEBS Letters, 2020, 594, 799-812.	2.8	22
84	One-pot synthesis of bio-based polycarbonates from dimethyl carbonate and isosorbide under metal-free condition. Green Chemistry, 2020, 22, 4550-4560.	9.0	22
85	Co0.85Se hollow polyhedrons entangled by carbon nanotubes as a high-performance cathode for magnesium secondary batteries. Chemical Engineering Journal, 2022, 428, 129545.	12.7	22
86	Crosses between two subspecies of bay scallop Argopecten irradians and heterosis for yield traits at harvest. Aquaculture Research, 2011, 42, 602-612.	1.8	21
87	Experimental investigation on replacing cement by sintered limestone ash from the steelmaking industry for cement-stabilized soil: Engineering performances and micro-scale analysis. Construction and Building Materials, 2020, 235, 117425.	7.2	21
88	Prediction of ductile fracture for circular hollow section bracing members under extremely low cycle fatigue. Engineering Structures, 2020, 214, 110579.	5.3	21
89	NiCo₂Se₄ Hierarchical Microflowers of Nanosheets and Nanorods as Pseudocapacitive Mg-Storage Materials. ACS Sustainable Chemistry and Engineering, 2020, 8, 2964-2972.	6.7	21
90	Punching shear failure of concrete-filled steel tubular CHS connections. Journal of Constructional Steel Research, 2016, 124, 113-121.	3.9	20

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91	Numerical investigation on compressive performance of CFST columns with encased built-up lattice-angles. Journal of Constructional Steel Research, 2017, 137, 242-253.	3.9	20
92	Mechanical behaviour of concrete-filled CHS connections subjected to in-plane bending. Engineering Structures, 2017, 148, 101-112.	5.3	20
93	Unraveling the Correlation between Structures of Carbon Nanospheres Derived from Polymeric Spheres and Their Electrochemical Performance to Achieve Highâ€Rate Supercapacitors. Macromolecular Rapid Communications, 2019, 40, e1800770.	3.9	20
94	Constructing hyperbranched polymers as a stable elastic framework for copper sulfide nanoplates for enhancing sodium-storage performance. Nanoscale, 2019, 11, 7188-7198.	5.6	20
95	Light Regulation to Chlorophyll Synthesis and Plastid Development of the Chlorophyllâ€Less Goldenâ€Leaf Privet. Journal of Integrative Plant Biology, 2010, 52, 809-816.	8.5	19
96	Load-transfer mechanism in angle-encased CFST members under axial tension. Engineering Structures, 2019, 178, 162-178.	5.3	19
97	Ultrastable Surfaceâ€Dominated Pseudocapacitive Potassium Storage Enabled by Edgeâ€Enriched Nâ€Doped Porous Carbon Nanosheets. Angewandte Chemie, 2020, 132, 19628-19635.	2.0	19
98	Mammalian sterile 20-like kinase 1/2 inhibits the Wnt/Î²-catenin signalling pathway by directly binding casein kinase 1Îµ. Biochemical Journal, 2014, 458, 159-169.	3.7	18
99	Cyclic behaviour of double-tube buckling-restrained braces for boiler steel plant structures. Journal of Constructional Steel Research, 2018, 150, 556-569.	3.9	18
100	A Facile Strategy to Improve the Electrochemical Performance of Porous Organic Polymerâ€Based Lithiumâ€“Sulfur Batteries. Energy Technology, 2019, 7, 1900583.	3.8	17
101	Comparative transcriptome analysis reveals significant differences in the regulation of gene expression between hydrogen cyanide- and ethylene-treated Arabidopsis thaliana. BMC Plant Biology, 2019, 19, 92.	3.6	17
102	A new identification method for five species of oysters in genus Crassostrea from China based on high-resolution melting analysis. Chinese Journal of Oceanology and Limnology, 2014, 32, 419-425.	0.7	16
103	Numerical analysis and punching shear fracture based design of longitudinal plate to concrete-filled CHS connections. Construction and Building Materials, 2017, 156, 91-106.	7.2	16
104	Metabolomics Adaptation of Juvenile Pacific Abalone Haliotis discus hannai to Heat Stress. Scientific Reports, 2020, 10, 6353.	3.3	16
105	Synthesis of bio-based polycarbonate via one-step melt polycondensation of isosorbide and dimethyl carbonate by dual site-functionalized ionic liquid catalysts. Green Chemistry, 2021, 23, 447-456.	9.0	16
106	Poly(1,5-diaminoanthraquinone) as a High-Capacity Bipolar Cathode for Rechargeable Magnesium Batteries. ACS Applied Energy Materials, 2022, 5, 3004-3012.	5.1	16
107	Use of high-resolution melting analysis for detecting hybrids between the oysters Crassostrea sikamea and C. angulata reveals bidirectional gametic compatibility. Journal of Molluscan Studies, 2014, 80, 435-443.	1.2	15
108	Facile synthesis and electrochemical Mg-storage performance of Sb₂Se₃ nanowires and Bi₂Se₃ nanosheets. Dalton Transactions, 2019, 48, 17516-17523.	3.3	15

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109	Cu₉S₅ Nanoflower Cathode for Mg Secondary Batteries: High Performance and Reaction Mechanism. Energy Technology, 2019, 7, 1800777.	3.8	15
110	Organic-conjugated polyanthraquinonylimide cathodes for rechargeable magnesium batteries. Journal of Materials Chemistry A, 2022, 10, 14111-14120.	10.3	15
111	Mitochondrial alternative oxidase is involved in both compatible and incompatible host-virus combinations in Nicotiana benthamiana. Plant Science, 2015, 239, 26-35.	3.6	14
112	Electrochemical Properties of Anthraquinone-based Polyimides as Cathodes for Lithium Secondary Batteries. Chemistry Letters, 2016, 45, 271-273.	1.3	14
113	Experimental investigation of concrete-filled steel tubular longitudinal gusset plate connections. Journal of Constructional Steel Research, 2016, 124, 163-172.	3.9	14
114	A Preliminary Study on the Pattern, the Physiological Bases and the Molecular Mechanism of the Adductor Muscle Scar Pigmentation in Pacific Oyster Crassostrea gigas. Frontiers in Physiology, 2017, 8, 699.	2.8	14
115	The Molecular Differentiation of Anatomically Paired Left and Right Mantles of the Pacific Oyster Crassostrea gigas. Marine Biotechnology, 2018, 20, 425-435.	2.4	14
116	Oyster Versatile IKKÎ±/Î²s Are Involved in Toll-Like Receptor and RIG-I-Like Receptor Signaling for Innate Immune Response. Frontiers in Immunology, 2019, 10, 1826.	4.8	14
117	A low-cost and high-performance rechargeable magnesium battery based on povidone iodine cathode. Chemical Engineering Journal, 2022, 427, 131592.	12.7	14
118	Putative Mutation Mechanism and Light Responses of a Protochlorophyllide Oxidoreductase-Less Barley Mutant NYB. Plant and Cell Physiology, 2010, 51, 1361-1371.	3.1	13
119	Phylogeny of forkhead genes in three spiralians and their expression in Pacific oyster Crassostrea gigas. Chinese Journal of Oceanology and Limnology, 2014, 32, 1207-1223.	0.7	13
120	Rechargeable Mg batteries based on a Ag₂S conversion cathode with fast solid-state Mg²⁺ diffusion kinetics. Dalton Transactions, 2019, 48, 14390-14397.	3.3	13
121	A self-crosslinking procedure to construct yolkâ€“shell Au@microporous carbon nanospheres for lithiumâ€“sulfur batteries. Chemical Communications, 2020, 56, 1215-1218.	4.1	13
122	A general strategy for metal oxide nanoparticles embedded into heterogeneous carbon nanosheets as high-rate lithium-ion battery anodes. Journal of Materials Chemistry A, 2020, 8, 25382-25389.	10.3	13
123	A novel Mg/Na hybrid battery based on Na2VTi(PO4)3 cathode: Enlightening the Na-intercalation cathodes by a metallic Mg anode and a dual-ion Mg2+/Na+ electrolyte. Chemical Engineering Journal, 2020, 399, 125689.	12.7	13
124	Functional characterization of retinoid X receptor with an emphasis on the mediation of organotin poisoning in the Pacific oyster (Crassostrea gigas). Gene, 2020, 753, 144780.	2.2	13
125	Corrosion Development of Carbon Steel Grids and Shear Connectors in Cracked Composite Beams Exposed to Wetâ€“Dry Cycles in Chloride Environment. Materials, 2018, 11, 479.	2.9	12
126	Engineering pore ratio in hierarchical porous carbons towards high-rate and large-volumetric performances. Microporous and Mesoporous Materials, 2019, 282, 205-210.	4.4	12

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127	Evolution of a novel nuclear receptor subfamily with emphasis on the member from the Pacific oyster Crassostrea gigas. Gene, 2015, 567, 164-172.	2.2	11
128	A Highâ€Rate Rechargeable Mg Battery Based on AgCl Conversion Cathode with Fast Solidâ€State Mg²⁺ Diffusion Kinetics. Energy Technology, 2019, 7, 1900454.	3.8	11
129	Superior Lubricity and Antiwear Performances Enabled by Porous Carbon Nanospheres with Different Shell Microstructures. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	11
130	Mg storage properties of hollow copper selenide nanocubes. Dalton Transactions, 2020, 49, 13253-13261.	3.3	11
131	Fast Thermoresponsive Poly(oligoethylene glycol methacrylate) (POEGMA)-Based Nanostructured Hydrogels for Reversible Tuning of Cell Interactions. ACS Biomaterials Science and Engineering, 2021, 7, 4258-4268.	5.2	11
132	Effects of Conjugated Structure on the Magnesium Storage Performance of Dianhydrides. ChemPhysChem, 2021, 22, 1455-1460.	2.1	11
133	A single leaf of Camellia oleifera has two types of carbon assimilation pathway, C3 and crassulacean acid metabolism. Tree Physiology, 2012, 32, 188-199.	3.1	10
134	Iodothyronine deiodinase gene analysis of the Pacific oyster Crassostrea gigas reveals possible conservation of thyroid hormone feedback regulation mechanism in mollusks. Chinese Journal of Oceanology and Limnology, 2015, 33, 997-1006.	0.7	10
135	Rechargeable Mgâ€“M (M = Li, Na and K) dual-metalâ€“ion batteries based on a Berlin green cathode and a metallic Mg anode. Physical Chemistry Chemical Physics, 2019, 21, 20269-20275.	2.8	10
136	Sodium-storage performance of CuS microspheres with hydroxyl hyperbranched polyamide additive. Materials Letters, 2020, 262, 127181.	2.6	10
137	Evidence from oyster suggests an ancient role for Pdx in regulating insulin gene expression in animals. Nature Communications, 2021, 12, 3117.	12.8	10
138	Effects of 4-week small-sided games vs. high-intensity interval training with changes of direction in female collegiate basketball players. International Journal of Sports Science and Coaching, 2022, 17, 366-375.	1.4	10
139	Rechargeable Mg²⁺/Li⁺, Mg²⁺/Na⁺, and Mg²⁺/K⁺ Hybrid Batteries Based on Layered VS₂. ACS Applied Materials & Interfaces, 2021, 13, 57252-57263.	8.0	10
140	Effects of Cadmium Stress on Alternative Oxidase and Photosystem II in Three Wheat Cultivars. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 87-94.	1.4	9
141	Plastid-signalling-mediated anthocyanin accumulation in mature Arabidopsis rosettes. Plant Growth Regulation, 2012, 68, 223-230.	3.4	9
142	Efficient activation of dimethyl carbonate to synthesize bio-based polycarbonate by eco-friendly amino acid ionic liquid catalyst. Applied Catalysis A: General, 2021, 617, 118111.	4.3	9
143	VSe2 nanosheets constructing hierarchical rods cathode for rechargeable magnesium batteries. Materials Letters, 2021, 300, 130221.	2.6	9
144	Association study of dopamine receptor genes polymorphisms with the risk of schizophrenia in the Han Chinese population. Psychiatry Research, 2016, 245, 361-364.	3.3	8

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145	Overexpressed Î²â€cyanoalanine synthase functions with alternative oxidase to improve tobacco resistance to salt stress by alleviating oxidative damage. FEBS Letters, 2020, 594, 1284-1295.	2.8	8
146	Highly Efficient and Selective Synthesis of Methyl Carbonate-Ended Polycarbonate Precursors from Dimethyl Carbonate and Bisphenol A. Industrial & Engineering Chemistry Research, 2020, 59, 13948-13955.	3.7	8
147	Characterization and mechanism analysis of polynaphthalene sulfonate modified cemented soil. Construction and Building Materials, 2020, 240, 117936.	7.2	8
148	Overexpression of cyanoalanine synthase 1 improves germinability of tobacco seeds under salt stress conditions. Environmental and Experimental Botany, 2021, 182, 104332.	4.2	8
149	Chemical Synthesis of Antibodyâ€“Hapten Conjugates Capable of Recruiting the Endogenous Antibody to Magnify the Fc Effector Immunity of Antibody for Cancer Immunotherapy. Journal of Medicinal Chemistry, 2022, 65, 323-332.	6.4	8
150	Joint Impact of Physical Activity and Family History on the Development of Diabetes Among Urban Adults in Mainland China. Asia-Pacific Journal of Public Health, 2015, 27, NP372-NP381.	1.0	7
151	Enhancing the long-term Na-storage cyclability of conversion-type iron selenide composite by construction of 3D inherited hyperbranched polymer buffering matrix. Nano Research, 2021, 14, 3952-3960.	10.4	7
152	Molecular Characterization and Functional Analysis of a Putative Octopamine/Tyramine Receptor during the Developmental Stages of the Pacific Oyster, Crassostrea gigas. PLoS ONE, 2016, 11, e0168574.	2.5	7
153	Acylamido-based anion-functionalized ionic liquids for efficient synthesis of poly(isosorbide) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	4.1	7
154	Characterization of the IRF2 proteins isolated from the deep-sea mussel Bathymodiolus platifrons and the shallow-water mussel Modiolus modiolus. Developmental and Comparative Immunology, 2017, 71, 82-87.	2.3	6
155	First report of wisteria vein mosaic virus in Chinese wisteria in Jiangxi Province in China. Journal of Plant Pathology, 2019, 101, 1259-1260.	1.2	6
156	In-situ constructing uniform polymer network for iron oxide microspheres: A novel approach to improve the cycling stability of the conversion electrodes through chemical interaction. Journal of Power Sources, 2021, 489, 229510.	7.8	6
157	Building a flexible and applicable sodium ion full battery based on self-supporting large-scale CNT films intertwined with ultra-long cycling NiCo₂S₄. Nanoscale, 2022, 14, 10226-10235.	5.6	6
158	Synthesis and conformational analysis of linear homo- and heterooligomers from novel 2-C-branched sugar amino acids (SAAs). Scientific Reports, 2018, 8, 6625.	3.3	5
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