

Fei Xu

List of Publications by Year in descending order

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184
papers

7,521
citations

76196

40
h-index

69108

77
g-index

195
all docs

195
docs citations

195
times ranked

8350
citing authors

#	ARTICLE	IF	CITATIONS
1	The oyster genome reveals stress adaptation and complexity of shell formation. <i>Nature</i> , 2012, 490, 49-54.	13.7	1,966
2	Salicylic Acid and Jasmonic Acid Are Essential for Systemic Resistance Against <i>Tobacco mosaic virus</i> in <i>Nicotiana benthamiana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 567-577.	1.4	173
3	Fluorinated, Sulfur-Rich, Covalent Triazine Frameworks for Enhanced Confinement of Polysulfides in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37731-37738.	4.0	164
4	Ultrastable Surface-Dominated Pseudocapacitive Potassium Storage Enabled by Edge-Enriched N-Doped Porous Carbon Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19460-19467.	7.2	148
5	Novel lanthanum doped biochars derived from lignocellulosic wastes for efficient phosphate removal and regeneration. <i>Bioresource Technology</i> , 2019, 289, 121600.	4.8	131
6	Energy-storage covalent organic frameworks: improving performance <i>via</i> engineering polysulfide chains on walls. <i>Chemical Science</i> , 2019, 10, 6001-6006.	3.7	121
7	Highly efficient nitrate removal in a heterotrophic denitrification system amended with redox-active biochar: A molecular and electrochemical mechanism. <i>Bioresource Technology</i> , 2019, 275, 297-306.	4.8	115
8	Molecular Basis for Adaptation of Oysters to Stressful Marine Intertidal Environments. <i>Annual Review of Animal Biosciences</i> , 2016, 4, 357-381.	3.6	113
9	Divergence and plasticity shape adaptive potential of the Pacific oyster. <i>Nature Ecology and Evolution</i> , 2018, 2, 1751-1760.	3.4	113
10	Genome-wide and single-base resolution DNA methylomes of the Pacific oyster <i>Crassostrea gigas</i> provide insight into the evolution of invertebrate CpG methylation. <i>BMC Genomics</i> , 2014, 15, 1119.	1.2	110
11	<i>Arabidopsis</i> cryptochrome 1 functions in nitrogen regulation of flowering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7661-7666.	3.3	107
12	Validation of housekeeping genes as internal controls for studying gene expression during Pacific oyster (<i>Crassostrea gigas</i>) development by quantitative real-time PCR. <i>Fish and Shellfish Immunology</i> , 2013, 34, 939-945.	1.6	95
13	Copper sulfide nanoparticles as high-performance cathode materials for magnesium secondary batteries. <i>Nanoscale</i> , 2018, 10, 12526-12534.	2.8	95
14	Mitochondrial alternative oxidase-dependent autophagy involved in ethylene-mediated drought tolerance in <i>Solanum lycopersicum</i> . <i>Plant Biotechnology Journal</i> , 2018, 16, 2063-2076.	4.1	94
15	Poly(anthraquinonyl imide) as a high capacity organic cathode material for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11491-11497.	5.2	91
16	Effects of light on cyanide-resistant respiration and alternative oxidase function in <i>Arabidopsis</i> seedlings. <i>Plant, Cell and Environment</i> , 2010, 33, 2121-2131.	2.8	81
17	The roles of ascorbic acid and glutathione in symptom alleviation to SA-deficient plants infected with RNA viruses. <i>Planta</i> , 2011, 234, 171-181.	1.6	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. <i>Planta</i> , 2013, 237, 77-88.	1.6	81

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19	Genomic Analysis of the Pacific Oyster (<i>Crassostrea gigas</i>) Reveals Possible Conservation of Vertebrate Sex Determination in a Mollusc. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2207-2217.	0.8	81
20	Anthraquinone-based polyimide cathodes for sodium secondary batteries. <i>Electrochemistry Communications</i> , 2015, 60, 117-120.	2.3	81
21	A broad-spectrum, efficient and nontransgenic approach to control plant viruses by application of salicylic acid and jasmonic acid. <i>Planta</i> , 2011, 233, 299-308.	1.6	70
22	Lack of Salicylic Acid in Arabidopsis Protects Plants against Moderate Salt Stress. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 231-238.	0.6	69
23	Light intensity affects chlorophyll synthesis during greening process by metabolite signal from mitochondrial alternative oxidase in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 12-25.	2.8	66
24	Perspective on Carbon Anode Materials for K ⁺ Storage: Balancing the Intercalation-Controlled and Surface-Driven Behavior. <i>Advanced Energy Materials</i> , 2021, 11, 2100856.	10.2	60
25	Red blood cell extrudes nucleus and mitochondria against oxidative stress. <i>IUBMB Life</i> , 2011, 63, 560-565.	1.5	58
26	A hollow CuS nanocube cathode for rechargeable Mg batteries: effect of the structure on the performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21410-21420.	5.2	58
27	Black BiVO ₄ : size tailored synthesis, rich oxygen vacancies, and sodium storage performance. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1636-1645.	5.2	58
28	High Rate, Long Lifespan LiV ₃ O ₈ Nanorods as a Cathode Material for Lithium-Ion Batteries. <i>Small</i> , 2017, 13, 1603148.	5.2	57
29	Electrolyte solvation chemistry for lithium-sulfur batteries with electrolyte-lean conditions. <i>Journal of Energy Chemistry</i> , 2021, 55, 80-91.	7.1	57
30	Dephosphorylation of photosystem II proteins and phosphorylation of CP29 in barley photosynthetic membranes as a response to water stress. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1238-1245.	0.5	55
31	Transient accumulation of Mg-protoporphyrin IX regulates expression of PhANGs - New evidence for the signaling role of tetrapyrroles in mature Arabidopsis plants. <i>Journal of Plant Physiology</i> , 2011, 168, 714-721.	1.6	54
32	Experimental investigation of SCF distribution for thin-walled concrete-filled CHS joints under axial tension loading. <i>Thin-Walled Structures</i> , 2015, 93, 149-157.	2.7	53
33	Nanosheets assembling hierarchical starfish-like Cu ₂ Se as advanced cathode for rechargeable Mg batteries. <i>Chemical Engineering Journal</i> , 2020, 384, 123235.	6.6	53
34	Nitrogen-Phosphorus Codoped Carbon Nanospheres as Lubricant Additives for Antiwear and Friction Reduction. <i>ACS Applied Nano Materials</i> , 2020, 3, 5362-5371.	2.4	50
35	Identification and Functional Characterization of Two Executioner Caspases in <i>Crassostrea gigas</i> . <i>PLoS ONE</i> , 2014, 9, e89040.	1.1	49
36	The roles of two transcription factors, ABI4 and CBFA, in ABA and plastid signalling and stress responses. <i>Plant Molecular Biology</i> , 2013, 83, 445-458.	2.0	46

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37	Experimental investigation of thin-walled concrete-filled steel tube columns with reinforced lattice angle. <i>Thin-Walled Structures</i> , 2014, 84, 59-67.	2.7	44
38	Characterization of the Mollusc RIG-I/MAVS Pathway Reveals an Archaic Antiviral Signalling Framework in Invertebrates. <i>Scientific Reports</i> , 2017, 7, 8217.	1.6	44
39	Intracellular copper/zinc superoxide dismutase from bay scallop <i>Argopecten irradians</i> : Its gene structure, mRNA expression and recombinant protein. <i>Fish and Shellfish Immunology</i> , 2009, 27, 210-220.	1.6	43
40	The plastid hexokinase pHXK: A node of convergence for sugar and plastid signals in <i>Arabidopsis</i> . <i>FEBS Letters</i> , 2010, 584, 3573-3579.	1.3	43
41	Facile synthesis of Ti ₄ O ₇ on hollow carbon spheres with enhanced polysulfide binding for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10494-10504.	5.2	43
42	Identification of Thyroid Hormones and Functional Characterization of Thyroid Hormone Receptor in the Pacific Oyster <i>Crassostrea gigas</i> Provide Insight into Evolution of the Thyroid Hormone System. <i>PLoS ONE</i> , 2015, 10, e0144991.	1.1	42
43	Reinforcing the Egg-Timer: Recruitment of Novel Lophotrochozoa Homeobox Genes to Early and Late Development in the Pacific Oyster. <i>Genome Biology and Evolution</i> , 2015, 7, 677-688.	1.1	42
44	Atomic Sn-enabled high-utilization, large-capacity, and long-life Na anode. <i>Science Advances</i> , 2022, 8, eabm7489.	4.7	42
45	The promises and challenges of fusion constructs in protein biochemistry and enzymology. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8273-8281.	1.7	40
46	Sulfonyl-based polyimide cathode for lithium and sodium secondary batteries: Enhancing the cycling performance by the electrolyte. <i>Materials Chemistry and Physics</i> , 2016, 169, 192-197.	2.0	40
47	Construction of a high-density genetic map and fine QTL mapping for growth and nutritional traits of <i>Crassostrea gigas</i> . <i>BMC Genomics</i> , 2018, 19, 626.	1.2	39
48	Architecture engineering of carbonaceous anodes for high-rate potassium-ion batteries. , 2021, 3, 554-581.		39
49	Chlorine dioxide treatment decreases respiration and ethylene synthesis in fresh-cut <i>Hami</i> ™ melon fruit. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1775-1782.	1.3	38
50	Laboratory Hybridization between <i>Crassostrea ariakensis</i> and <i>C. sikamea</i> . <i>Journal of Shellfish Research</i> , 2009, 28, 453-458.	0.3	36
51	Experimental Investigation and Design of Concrete-Filled Steel Tubular CHS Connections. <i>Journal of Structural Engineering</i> , 2015, 141, .	1.7	36
52	Three-dimensional ordered mesoporous cobalt nitride for fast-kinetics and stable-cycling lithium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17561-17569.	5.2	35
53	Mesoporous Thin-Wall Molybdenum Nitride for Fast and Stable Na/Li Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41188-41195.	4.0	34
54	Ni _{0.85} Se hexagonal nanosheets as an advanced conversion cathode for Mg secondary batteries. <i>Journal of Energy Chemistry</i> , 2020, 48, 226-232.	7.1	33

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55	Identification of Conserved and Novel MicroRNAs in the Pacific Oyster <i>Crassostrea gigas</i> by Deep Sequencing. <i>PLoS ONE</i> , 2014, 9, e104371.	1.1	33
56	Brassinosteroids Counteract Abscisic Acid in Germination and Growth of <i>Arabidopsis</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 225-230.	0.6	32
57	High expression of new genes in trochophore enlightening the ontogeny and evolution of trochozoans. <i>Scientific Reports</i> , 2016, 6, 34664.	1.6	32
58	Enhancement of denitrification in biofilters by immobilized biochar under low-temperature stress. <i>Bioresource Technology</i> , 2022, 347, 126664.	4.8	31
59	Generalized Domino-Driven Synthesis of Hollow Hybrid Carbon Spheres with Ultrafine Metal Nitrides/Oxides. <i>Matter</i> , 2020, 3, 246-260.	5.0	30
60	Cu ₂ MoS ₄ hollow nanocages with fast and stable Mg ²⁺ -storage performance. <i>Chemical Engineering Journal</i> , 2020, 387, 124125.	6.6	30
61	Manipulation of carbon framework from the microporous to nonporous via a mechanical-assisted treatment for structure-oriented energy storage. <i>Carbon</i> , 2020, 159, 140-148.	5.4	29
62	Significantly enhancing recombinant alkaline amylase production in <i>Bacillus subtilis</i> by integration of a novel mutagenesis-screening strategy with systems-level fermentation optimization. <i>Journal of Biological Engineering</i> , 2016, 10, 13.	2.0	28
63	A bibliometric analysis of oyster research from 1991 to 2014. <i>Aquaculture International</i> , 2016, 24, 327-344.	1.1	28
64	A high-performance hybrid Mg ²⁺ /Li ⁺ battery based on hierarchical copper sulfide microflowers conversion cathode. <i>Electrochimica Acta</i> , 2018, 263, 168-175.	2.6	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. <i>Green Chemistry</i> , 2020, 22, 2534-2542.	4.6	28
66	Effects of salinity on larvae of the oysters <i>Crassostrea ariakensis</i> , <i>C. sikamea</i> and the hybrid cross. <i>Marine Biology Research</i> , 2011, 7, 796-803.	0.3	27
67	Comparative study of four rice cultivars with different levels of cadmium tolerance. <i>Biologia (Poland)</i> , 2013, 68, 74-81.	0.8	27
68	Hollow carbon nanospheres with high surface areas for fast, broad-spectrum and sensitive adsorption of pollutants. <i>Nanoscale</i> , 2018, 10, 5725-5730.	2.8	27
69	Cost-Effective Synthesis of High Molecular Weight Biobased Polycarbonate via Melt Polymerization of Isosorbide and Dimethyl Carbonate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9968-9979.	3.2	27
70	Assembled NiS nanoneedles anode for Na-ion batteries: Enhanced the performance by organic hyperbranched polymer electrode additives. <i>Journal of Power Sources</i> , 2020, 451, 227796.	4.0	27
71	A new EV71 VP3 epitope in norovirus P particle vector displays neutralizing activity and protection in vivo in mice. <i>Vaccine</i> , 2015, 33, 6596-6603.	1.7	26
72	Phylogenetics of Lophotrochozoan bHLH Genes and the Evolution of Lineage-Specific Gene Duplicates. <i>Genome Biology and Evolution</i> , 2017, 9, 869-886.	1.1	26

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73	Composite alkaline activator on cemented soil: Multiple tests and mechanism analyses. <i>Construction and Building Materials</i> , 2018, 188, 433-443.	3.2	26
74	CoSe ₂ hollow microspheres, nano-polyhedra and nanorods as pseudocapacitive Mg-storage materials with fast solid-state Mg ²⁺ diffusion kinetics. <i>Nanoscale</i> , 2019, 11, 23173-23181.	2.8	26
75	Facile, general and template-free construction of monodisperse yolk-shell metal@carbon nanospheres. <i>Chemical Communications</i> , 2017, 53, 12136-12139.	2.2	25
76	Hollow Carbon Nanospheres with Developed Porous Structure and Retained N Doping for Facilitated Electrochemical Energy Storage. <i>Langmuir</i> , 2019, 35, 12889-12897.	1.6	25
77	Mg-protoporphyrin, haem and sugar signals double cellular total RNA against herbicide and high-light-derived oxidative stress. <i>Plant, Cell and Environment</i> , 2011, 34, 1031-1042.	2.8	24
78	Molten salt of lithium bis(fluorosulfonyl)imide (LiFSI)-potassium bis(fluorosulfonyl)imide (KFSI) as electrolyte for the natural graphite/LiFePO ₄ lithium-ion cell. <i>Electrochimica Acta</i> , 2014, 135, 217-223.	2.6	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. <i>Green Chemistry</i> , 2021, 23, 973-982.	4.6	24
80	The lithium storage performance of electrolytic-carbon from CO ₂ . <i>Journal of Power Sources</i> , 2017, 341, 419-426.	4.0	23
81	Electrochemical properties of poly(anthraquinonyl imide)s as high-capacity organic cathode materials for Li-ion batteries. <i>Materials Chemistry and Physics</i> , 2018, 214, 120-125.	2.0	23
82	a-MoS ₃ @CNT nanowire cathode for rechargeable Mg batteries: a pseudocapacitive approach for efficient Mg-storage. <i>Nanoscale</i> , 2019, 11, 16043-16051.	2.8	23
83	Evolutionary coupling saturation mutagenesis: Coevolution-guided identification of distant sites influencing <i>Bacillus naganensis</i> pullulanase activity. <i>FEBS Letters</i> , 2020, 594, 799-812.	1.3	22
84	One-pot synthesis of bio-based polycarbonates from dimethyl carbonate and isosorbide under metal-free condition. <i>Green Chemistry</i> , 2020, 22, 4550-4560.	4.6	22
85	Co _{0.85} Se hollow polyhedrons entangled by carbon nanotubes as a high-performance cathode for magnesium secondary batteries. <i>Chemical Engineering Journal</i> , 2022, 428, 129545.	6.6	22
86	Crosses between two subspecies of bay scallop <i>Argopecten irradians</i> and heterosis for yield traits at harvest. <i>Aquaculture Research</i> , 2011, 42, 602-612.	0.9	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. <i>Construction and Building Materials</i> , 2020, 235, 117425.	3.2	21
88	Prediction of ductile fracture for circular hollow section bracing members under extremely low cycle fatigue. <i>Engineering Structures</i> , 2020, 214, 110579.	2.6	21
89	NiCo ₂ Se ₄ Hierarchical Microflowers of Nanosheets and Nanorods as Pseudocapacitive Mg-Storage Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2964-2972.	3.2	21
90	Punching shear failure of concrete-filled steel tubular CHS connections. <i>Journal of Constructional Steel Research</i> , 2016, 124, 113-121.	1.7	20

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91	Numerical investigation on compressive performance of CFST columns with encased built-up lattice-angles. <i>Journal of Constructional Steel Research</i> , 2017, 137, 242-253.	1.7	20
92	Mechanical behaviour of concrete-filled CHS connections subjected to in-plane bending. <i>Engineering Structures</i> , 2017, 148, 101-112.	2.6	20
93	Unraveling the Correlation between Structures of Carbon Nanospheres Derived from Polymeric Spheres and Their Electrochemical Performance to Achieve High-Rate Supercapacitors. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800770.	2.0	20
94	Constructing hyperbranched polymers as a stable elastic framework for copper sulfide nanoplates for enhancing sodium-storage performance. <i>Nanoscale</i> , 2019, 11, 7188-7198.	2.8	20
95	Light Regulation to Chlorophyll Synthesis and Plastid Development of the Chlorophyll-Less Golden-Leaf Privet. <i>Journal of Integrative Plant Biology</i> , 2010, 52, 809-816.	4.1	19
96	Load-transfer mechanism in angle-encased CFST members under axial tension. <i>Engineering Structures</i> , 2019, 178, 162-178.	2.6	19
97	Ultrastable Surface-Dominated Pseudocapacitive Potassium Storage Enabled by Edge-Enriched N-Doped Porous Carbon Nanosheets. <i>Angewandte Chemie</i> , 2020, 132, 19628-19635.	1.6	19
98	Mammalian sterile 20-like kinase 1/2 inhibits the Wnt/ β -catenin signalling pathway by directly binding casein kinase 1 μ . <i>Biochemical Journal</i> , 2014, 458, 159-169.	1.7	18
99	Cyclic behaviour of double-tube buckling-restrained braces for boiler steel plant structures. <i>Journal of Constructional Steel Research</i> , 2018, 150, 556-569.	1.7	18
100	A Facile Strategy to Improve the Electrochemical Performance of Porous Organic Polymer-Based Lithium-Sulfur Batteries. <i>Energy Technology</i> , 2019, 7, 1900583.	1.8	17
101	Comparative transcriptome analysis reveals significant differences in the regulation of gene expression between hydrogen cyanide- and ethylene-treated <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2019, 19, 92.	1.6	17
102	A new identification method for five species of oysters in genus <i>Crassostrea</i> from China based on high-resolution melting analysis. <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 419-425.	0.7	16
103	Numerical analysis and punching shear fracture based design of longitudinal plate to concrete-filled CHS connections. <i>Construction and Building Materials</i> , 2017, 156, 91-106.	3.2	16
104	Metabolomics Adaptation of Juvenile Pacific Abalone <i>Haliotis discus hannai</i> to Heat Stress. <i>Scientific Reports</i> , 2020, 10, 6353.	1.6	16
105	Synthesis of bio-based polycarbonate <i>via</i> one-step melt polycondensation of isosorbide and dimethyl carbonate by dual site-functionalized ionic liquid catalysts. <i>Green Chemistry</i> , 2021, 23, 447-456.	4.6	16
106	Poly(1,5-diaminoanthraquinone) as a High-Capacity Bipolar Cathode for Rechargeable Magnesium Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 3004-3012.	2.5	16
107	Use of high-resolution melting analysis for detecting hybrids between the oysters <i>Crassostrea sikamea</i> and <i>C. angulata</i> reveals bidirectional gametic compatibility. <i>Journal of Molluscan Studies</i> , 2014, 80, 435-443.	0.4	15
108	Facile synthesis and electrochemical Mg-storage performance of Sb_2Se_3 nanowires and Bi_2Se_3 nanosheets. <i>Dalton Transactions</i> , 2019, 48, 17516-17523.	1.6	15

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109	Cu ₉ S ₅ Nanoflower Cathode for Mg Secondary Batteries: High Performance and Reaction Mechanism. <i>Energy Technology</i> , 2019, 7, 1800777.	1.8	15
110	Organic-conjugated polyanthraquinonylimide cathodes for rechargeable magnesium batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14111-14120.	5.2	15
111	Mitochondrial alternative oxidase is involved in both compatible and incompatible host-virus combinations in <i>Nicotiana benthamiana</i> . <i>Plant Science</i> , 2015, 239, 26-35.	1.7	14
112	Electrochemical Properties of Anthraquinone-based Polyimides as Cathodes for Lithium Secondary Batteries. <i>Chemistry Letters</i> , 2016, 45, 271-273.	0.7	14
113	Experimental investigation of concrete-filled steel tubular longitudinal gusset plate connections. <i>Journal of Constructional Steel Research</i> , 2016, 124, 163-172.	1.7	14
114	A Preliminary Study on the Pattern, the Physiological Bases and the Molecular Mechanism of the Adductor Muscle Scar Pigmentation in Pacific Oyster <i>Crassostrea gigas</i> . <i>Frontiers in Physiology</i> , 2017, 8, 699.	1.3	14
115	The Molecular Differentiation of Anatomically Paired Left and Right Mantles of the Pacific Oyster <i>Crassostrea gigas</i> . <i>Marine Biotechnology</i> , 2018, 20, 425-435.	1.1	14
116	Oyster Versatile IKK α/β s Are Involved in Toll-Like Receptor and RIG-I-Like Receptor Signaling for Innate Immune Response. <i>Frontiers in Immunology</i> , 2019, 10, 1826.	2.2	14
117	A low-cost and high-performance rechargeable magnesium battery based on povidone iodine cathode. <i>Chemical Engineering Journal</i> , 2022, 427, 131592.	6.6	14
118	Putative Mutation Mechanism and Light Responses of a Protochlorophyllide Oxidoreductase-Less Barley Mutant NYB. <i>Plant and Cell Physiology</i> , 2010, 51, 1361-1371.	1.5	13
119	Phylogeny of forkhead genes in three spiralian and their expression in Pacific oyster <i>Crassostrea gigas</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 1207-1223.	0.7	13
120	Rechargeable Mg batteries based on a Ag ₂ S conversion cathode with fast solid-state Mg ²⁺ diffusion kinetics. <i>Dalton Transactions</i> , 2019, 48, 14390-14397.	1.6	13
121	A self-crosslinking procedure to construct yolk-shell Au@microporous carbon nanospheres for lithium-sulfur batteries. <i>Chemical Communications</i> , 2020, 56, 1215-1218.	2.2	13
122	A general strategy for metal oxide nanoparticles embedded into heterogeneous carbon nanosheets as high-rate lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25382-25389.	5.2	13
123	A novel Mg/Na hybrid battery based on Na ₂ Ti(PO ₄) ₃ cathode: Enlightening the Na-intercalation cathodes by a metallic Mg anode and a dual-ion Mg ²⁺ /Na ⁺ electrolyte. <i>Chemical Engineering Journal</i> , 2020, 399, 125689.	6.6	13
124	Functional characterization of retinoid X receptor with an emphasis on the mediation of organotin poisoning in the Pacific oyster (<i>Crassostrea gigas</i>). <i>Gene</i> , 2020, 753, 144780.	1.0	13
125	Corrosion Development of Carbon Steel Grids and Shear Connectors in Cracked Composite Beams Exposed to Wet-Dry Cycles in Chloride Environment. <i>Materials</i> , 2018, 11, 479.	1.3	12
126	Engineering pore ratio in hierarchical porous carbons towards high-rate and large-volumetric performances. <i>Microporous and Mesoporous Materials</i> , 2019, 282, 205-210.	2.2	12

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127	Evolution of a novel nuclear receptor subfamily with emphasis on the member from the Pacific oyster <i>Crassostrea gigas</i> . <i>Gene</i> , 2015, 567, 164-172.	1.0	11
128	A High-Rate Rechargeable Mg Battery Based on AgCl Conversion Cathode with Fast Solid-State Mg ²⁺ Diffusion Kinetics. <i>Energy Technology</i> , 2019, 7, 1900454.	1.8	11
129	Superior Lubricity and Antiwear Performances Enabled by Porous Carbon Nanospheres with Different Shell Microstructures. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	11
130	Mg storage properties of hollow copper selenide nanocubes. <i>Dalton Transactions</i> , 2020, 49, 13253-13261.	1.6	11
131	Fast Thermoresponsive Poly(oligoethylene glycol methacrylate) (POEGMA)-Based Nanostructured Hydrogels for Reversible Tuning of Cell Interactions. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4258-4268.	2.6	11
132	Effects of Conjugated Structure on the Magnesium Storage Performance of Dianhydrides. <i>ChemPhysChem</i> , 2021, 22, 1455-1460.	1.0	11
133	A single leaf of <i>Camellia oleifera</i> has two types of carbon assimilation pathway, C3 and crassulacean acid metabolism. <i>Tree Physiology</i> , 2012, 32, 188-199.	1.4	10
134	Iodothyronine deiodinase gene analysis of the Pacific oyster <i>Crassostrea gigas</i> reveals possible conservation of thyroid hormone feedback regulation mechanism in mollusks. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 997-1006.	0.7	10
135	Rechargeable Mg ²⁺ /M (M = Li, Na and K) dual-metal-ion batteries based on a Berlin green cathode and a metallic Mg anode. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20269-20275.	1.3	10
136	Sodium-storage performance of CuS microspheres with hydroxyl hyperbranched polyamide additive. <i>Materials Letters</i> , 2020, 262, 127181.	1.3	10
137	Evidence from oyster suggests an ancient role for Pdx in regulating insulin gene expression in animals. <i>Nature Communications</i> , 2021, 12, 3117.	5.8	10
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