

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	Effects of 4-week small-sided games vs. high-intensity interval training with changes of direction in female collegiate basketball players. <i>International Journal of Sports Science and Coaching</i> , 2022, 17, 366-375.	0.7	10
2	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
3	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
4	Acylamido-based anion-functionalized ionic liquids for efficient synthesis of poly(isosorbide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	2.1	7
5	Enhancement of denitrification in biofilters by immobilized biochar under low-temperature stress. <i>Bioresource Technology</i> , 2022, 347, 126664.	4.8	31
6	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
7	Chemical Synthesis of Antibody-antigen Conjugates Capable of Recruiting the Endogenous Antibody to Magnify the Fc Effector Immunity of Antibody for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 323-332.	2.9	8
8	Feasibility and performance of novel tapered iron bolt shear connectors in demountable composite beams. <i>Journal of Building Engineering</i> , 2022, 53, 104528.	1.6	3
9	Atomic Sn-enabled high-utilization, large-capacity, and long-life Na anode. <i>Science Advances</i> , 2022, 8, eabm7489.	4.7	42
10	Revealing the Reaction and Fading Mechanism of FeSe ₂ Cathodes for Rechargeable Magnesium Batteries. <i>ChemPhysChem</i> , 2022, 23, .	1.0	5
11	Organic-conjugated polyanthraquinonylimide cathodes for rechargeable magnesium batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14111-14120.	5.2	15
12	Building a flexible and applicable sodium ion full battery based on self-supporting large-scale CNT films intertwined with ultra-long cycling NiCo ₂ S ₄ . <i>Nanoscale</i> , 2022, 14, 10226-10235.	2.8	6
13	An Investigation on Mineral Dissolution and Precipitation in Cement-Stabilized Soils: Thermodynamic Modeling and Experimental Analysis. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6843.	1.3	1
14	Electrolyte solvation chemistry for lithium-sulfur batteries with electrolyte-lean conditions. <i>Journal of Energy Chemistry</i> , 2021, 55, 80-91.	7.1	57
15	Overexpression of cyanoalanine synthase 1 improves germinability of tobacco seeds under salt stress conditions. <i>Environmental and Experimental Botany</i> , 2021, 182, 104332.	2.0	8
16	Efficient synthesis of isosorbide-based polycarbonate with scalable dicationic ionic liquid catalysts by balancing the reactivity of the <i>endo</i> -OH and <i>exo</i> -OH. <i>Green Chemistry</i> , 2021, 23, 973-982.	4.6	24
17	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
18	A new zeolitic lithium aluminum imidazolate framework. <i>Dalton Transactions</i> , 2021, 50, 7933-7937.	1.6	2

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19	NMR analysis of phosphoric acid distribution in porous fuel cell catalysts. <i>Chemical Communications</i> , 2021, 57, 2547-2550.	2.2	4
20	A paradigm for the efficient synthesis of bio-based polycarbonate with deep eutectic solvents as catalysts by inhibiting the degradation of molecular chains. <i>Green Chemistry</i> , 2021, 23, 4134-4143.	4.6	2
21	Rechargeable Mg ⁺ /Na and Mg ⁺ /K hybrid batteries based on a low-defect Co ₃ [Co(CN) ₆] ₂ nanocube cathode. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17530-17535.	1.3	3
22	Enhancing the long-term Na-storage cyclability of conversion-type iron selenide composite by construction of 3D inherited hyperbranched polymer buffering matrix. <i>Nano Research</i> , 2021, 14, 3952-3960.	5.8	7
23	Architecture engineering of carbonaceous anodes for high-rate potassium-ion batteries. , 2021, 3, 554-581.		39
24	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
25	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. <i>Journal of Power Sources</i> , 2021, 489, 229510.	4.0	6
26	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
27	Efficient activation of dimethyl carbonate to synthesize bio-based polycarbonate by eco-friendly amino acid ionic liquid catalyst. <i>Applied Catalysis A: General</i> , 2021, 617, 118111.	2.2	9
28	Effects of Conjugated Structure on the Magnesium Storage Performance of Dianhydrides. <i>ChemPhysChem</i> , 2021, 22, 1455-1460.	1.0	11
29	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
30	Biomechanical Characteristics for Identifying the Cutting Direction of Professional Soccer Players. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7193.	1.3	1
31	Hypoxic Exercise Exacerbates Hypoxemia and Acute Mountain Sickness in Obesity: A Case Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9078.	1.2	2
32	VSe ₂ nanosheets constructing hierarchical rods cathode for rechargeable magnesium batteries. <i>Materials Letters</i> , 2021, 300, 130221.	1.3	9
33	Rechargeable Mg ²⁺ /Li ⁺ , Mg ²⁺ /Na ⁺ , and Mg ²⁺ /K ⁺ Hybrid Batteries Based on Layered VS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57252-57263.	4.0	10
34	Nanosheets assembling hierarchical starfish-like Cu ₂ xSe as advanced cathode for rechargeable Mg batteries. <i>Chemical Engineering Journal</i> , 2020, 384, 123235.	6.6	53
35	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
36	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

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37	Sodium-storage performance of CuS microspheres with hydroxyl hyperbranched polyamide additive. <i>Materials Letters</i> , 2020, 262, 127181.	1.3	10
38	Overexpressed β -cyanoalanine synthase functions with alternative oxidase to improve tobacco resistance to salt stress by alleviating oxidative damage. <i>FEBS Letters</i> , 2020, 594, 1284-1295.	1.3	8
39	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
40	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
41	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
42	InnenrÄ¼cktitelbild: Ultrastable Surfaceâ€Dominated Pseudocapacitive Potassium Storage Enabled by Edgeâ€Enriched Nâ€Doped Porous Carbon Nanosheets (<i>Angew. Chem.</i> 44/2020). <i>Angewandte Chemie</i> , 2020, 132, 19891-19891.	1.6	0
43	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
44	Mg storage properties of hollow copper selenide nanocubes. <i>Dalton Transactions</i> , 2020, 49, 13253-13261.	1.6	11
45	Highly Efficient and Selective Synthesis of Methyl Carbonate-Ended Polycarbonate Precursors from Dimethyl Carbonate and Bisphenol A. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13948-13955.	1.8	8
46	Characterization of Free Fatty Acid Receptor 4 and Its Involvement in Nutritional Control and Immune Response in Pacific Oysters (<i>Crassostrea gigas</i>). <i>ACS Omega</i> , 2020, 5, 21355-21363.	1.6	1
47	Ultrastable Surfaceâ€Dominated Pseudocapacitive Potassium Storage Enabled by Edgeâ€Enriched Nâ€Doped Porous Carbon Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19460-19467.	7.2	148
48	A novel Mg/Na hybrid battery based on Na ₂ V ₂ (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
49	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
50	Ultrastable Surfaceâ€Dominated Pseudocapacitive Potassium Storage Enabled by Edgeâ€Enriched Nâ€Doped Porous Carbon Nanosheets. <i>Angewandte Chemie</i> , 2020, 132, 19628-19635.	1.6	19
51	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
52	Generalized Domino-Driven Synthesis of Hollow Hybrid Carbon Spheres with Ultrafine Metal Nitrides/Oxides. <i>Matter</i> , 2020, 3, 246-260.	5.0	30
53	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
54	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

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55	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
56	Characterization and mechanism analysis of polynaphthalene sulfonate modified cemented soil. <i>Construction and Building Materials</i> , 2020, 240, 117936.	3.2	8
57	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
58	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
59	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
60	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
61	Metabolomics Adaptation of Juvenile Pacific Abalone <i>Haliotis discus hannai</i> to Heat Stress. <i>Scientific Reports</i> , 2020, 10, 6353.	1.6	16
62	Poly(anthraquinonylimide)/graphene composite cathode for sodium-ion batteries. <i>Materials Letters</i> , 2020, 268, 127596.	1.3	3
63	Amino-terminated hyperbranched polyamide regulating Cu ₂ S twin-daffodil with enhanced sodium-storage performance. <i>Materials Chemistry and Physics</i> , 2020, 248, 122934.	2.0	5
64	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
65	Oyster Versatile IκB 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
66	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
67	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
68	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
69	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
70	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
71	Rechargeable Mg-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
72	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

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73	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
74	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
75	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
76	Novel lanthanum doped biochars derived from lignocellulosic wastes for efficient phosphate removal and regeneration. <i>Bioresource Technology</i> , 2019, 289, 121600.	4.8	131
77	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
78	First report of wisteria vein mosaic virus in Chinese wisteria in Jiangxi Province in China. <i>Journal of Plant Pathology</i> , 2019, 101, 1259-1260.	0.6	6
79	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
80	The transcription of iodothyronine deiodinase genes is regulated by thyroid hormone receptor in the Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1317-1323.	0.6	3
81	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
82	First report of Wisteria vein mosaic virus infecting Chinese Wisteria in Jiangsu Province in China. <i>Journal of Plant Diseases and Protection</i> , 2019, 126, 373-377.	1.6	4
83	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
84	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
85	Facile synthesis and electrochemical Mg-storage performance of Sb ₂ Se ₃ nanowires and Bi ₂ Se ₃ nanosheets. <i>Dalton Transactions</i> , 2019, 48, 17516-17523.	1.6	15
86	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
87	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
88	Load-transfer mechanism in angle-encased CFST members under axial tension. <i>Engineering Structures</i> , 2019, 178, 162-178.	2.6	19
89	Innovative design of the world's tallest electrical transmission towers. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019, 172, 9-16.	0.3	5
90	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

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91	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
92	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
93	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
94	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
95	Synthesis and conformational analysis of linear homo- and heterooligomers from novel 2-C-branched sugar amino acids (SAAs). <i>Scientific Reports</i> , 2018, 8, 6625.	1.6	5
96	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
97	No association of GRIN2A polymorphisms with the major depressive disorder in the Chinese Han origin. <i>Psychiatric Genetics</i> , 2018, 28, 120-121.	0.6	2
98	Evolutionary dynamics of the Wnt gene family: implications for lophotrochozoans. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1720-1730.	0.6	4
99	Involvement of clustered oyster Wnt genes in gut formation. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1746-1752.	0.6	3
100	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
101	Divergence and plasticity shape adaptive potential of the Pacific oyster. <i>Nature Ecology and Evolution</i> , 2018, 2, 1751-1760.	3.4	113
102	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
103	Transcriptome assembly of <i>Modiolus modiolus</i> and comparative analysis with <i>Bathymodiolus platifrons</i> . <i>Acta Oceanologica Sinica</i> , 2018, 37, 38-45.	0.4	1
104	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
105	Composite alkaline activator on cemented soil: Multiple tests and mechanism analyses. <i>Construction and Building Materials</i> , 2018, 188, 433-443.	3.2	26
106	No association of BRD1 and ZBED4 polymorphisms with schizophrenia in the Chinese Han population. <i>Psychiatric Genetics</i> , 2018, 28, 73-74.	0.6	1
107	Copper sulfide nanoparticles as high-performance cathode materials for magnesium secondary batteries. <i>Nanoscale</i> , 2018, 10, 12526-12534.	2.8	95
108	Mechanical and Thermal Behaviour of Cemented Soil with the Addition of Ionic Soil Stabilizer. <i>Springer Series in Geomechanics and Geoen지니어ing</i> , 2018, , 866-869.	0.0	0

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109	Characterization of the IRF2 proteins isolated from the deep-sea mussel <i>Bathymodiolus platifrons</i> and the shallow-water mussel <i>Modiolus modiolus</i> . <i>Developmental and Comparative Immunology</i> , 2017, 71, 82-87.	1.0	6
110	High Rate, Long Lifespan Li_3O_8 Nanorods as a Cathode Material for Lithium-ion Batteries. <i>Small</i> , 2017, 13, 1603148.	5.2	57
111	The lithium storage performance of electrolytic-carbon from CO_2 . <i>Journal of Power Sources</i> , 2017, 341, 419-426.	4.0	23
112	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
113	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
114	Facile, general and template-free construction of monodisperse yolk-shell metal@carbon nanospheres. <i>Chemical Communications</i> , 2017, 53, 12136-12139.	2.2	25
115	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
116	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
117	Mechanical behaviour of concrete-filled CHS connections subjected to in-plane bending. <i>Engineering Structures</i> , 2017, 148, 101-112.	2.6	20
118	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
119	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
120	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
121	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
122	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
123	Association study of dopamine receptor genes polymorphisms with the risk of schizophrenia in the Han Chinese population. <i>Psychiatry Research</i> , 2016, 245, 361-364.	1.7	8
124	Electrochemical Properties of Anthraquinone-based Polyimides as Cathodes for Lithium Secondary Batteries. <i>Chemistry Letters</i> , 2016, 45, 271-273.	0.7	14
125	High expression of new genes in trochophore enlightening the ontogeny and evolution of trochozoans. <i>Scientific Reports</i> , 2016, 6, 34664.	1.6	32
126	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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127	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
128	<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
129	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
130	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
131	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
132	A bibliometric analysis of oyster research from 1991 to 2014. <i>Aquaculture International</i> , 2016, 24, 327-344.	1.1	28
133	Molecular Characterization and Functional Analysis of a Putative Octopamine/Tyramine Receptor during the Developmental Stages of the Pacific Oyster, <i>Crassostrea gigas</i> . <i>PLoS ONE</i> , 2016, 11, e0168574.	1.1	7
134	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
135	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
136	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
137	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
138	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
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