

Ying Xu

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

7,965
citations

53794

45
h-index

69250

77
g-index

205
all docs

205
docs citations

205
times ranked

9657
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional consequences of a CK1 δ mutation causing familial advanced sleep phase syndrome. <i>Nature</i> , 2005, 434, 640-644.	27.8	773
2	The Transcriptional Repressor DEC2 Regulates Sleep Length in Mammals. <i>Science</i> , 2009, 325, 866-870.	12.6	307
3	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
4	Fabrication of stable zein nanoparticles coated with soluble soybean polysaccharide for encapsulation of quercetin. <i>Food Hydrocolloids</i> , 2019, 87, 342-351.	10.7	209
5	The gene for paroxysmal non-kinesigenic dyskinesia encodes an enzyme in a stress response pathway. <i>Human Molecular Genetics</i> , 2004, 13, 3161-3170.	2.9	196
6	Efficient base-catalyzed decomposition and in situ hydrogenolysis process for lignin depolymerization and char elimination. <i>Applied Energy</i> , 2015, 141, 70-79.	10.1	177
7	Effects of Low-Dose and Very Low-Dose Ketamine among Patients with Major Depression: a Systematic Review and Meta-Analysis. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv124.	2.1	175
8	An efficient and economical process for lignin depolymerization in biomass-derived solvent tetrahydrofuran. <i>Bioresource Technology</i> , 2014, 154, 10-17.	9.6	139
9	Effect of alginate coating combined with yeast antagonist on strawberry (<i>Fragaria</i> — <i>ananassa</i>) preservation quality. <i>Postharvest Biology and Technology</i> , 2009, 53, 84-90.	6.0	135
10	Investigation on the structural effect of lignin during the hydrogenolysis process. <i>Bioresource Technology</i> , 2016, 200, 14-22.	9.6	125
11	Dual diagnosis of epilepsy and psychogenic nonepileptic seizures: Systematic review and meta-analysis of frequency, correlates, and outcomes. <i>Epilepsy and Behavior</i> , 2018, 89, 70-78.	1.7	118
12	Zein/soluble soybean polysaccharide composite nanoparticles for encapsulation and oral delivery of lutein. <i>Food Hydrocolloids</i> , 2020, 103, 105715.	10.7	118
13	Stability, bioactivity, and bioaccessibility of fucoxanthin in zein-caseinate composite nanoparticles fabricated at neutral pH by antisolvent precipitation. <i>Food Hydrocolloids</i> , 2018, 84, 379-388.	10.7	116
14	A Cryptochrome 2 mutation yields advanced sleep phase in humans. <i>ELife</i> , 2016, 5, .	6.0	114
15	Catalytic depolymerization of the hydrolyzed lignin over mesoporous catalysts. <i>Bioresource Technology</i> , 2017, 226, 125-131.	9.6	112
16	Efficient upgrading process for production of low quality fuel from bio-oil. <i>Fuel</i> , 2016, 179, 312-321.	6.4	104
17	Frequency of a false positive diagnosis of epilepsy: A systematic review of observational studies. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 41, 167-174.	2.0	97
18	Selective cyclohexanol production from the renewable lignin derived phenolic chemicals catalyzed by Ni/MgO. <i>Energy Conversion and Management</i> , 2015, 105, 570-577.	9.2	85

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19	The influence of organic-binding metals on the biogas conversion of sewage sludge. <i>Water Research</i> , 2017, 126, 329-341.	11.3	81
20	Fabrication and characterization of zein nanoparticles by dextran sulfate coating as vehicles for delivery of curcumin. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 1074-1083.	7.5	81
21	Imaging Light Responses of Targeted Neuron Populations in the Rodent Retina. <i>Journal of Neuroscience</i> , 2011, 31, 2855-2867.	3.6	80
22	Role of KIFC3 motor protein in Golgi positioning and integration. <i>Journal of Cell Biology</i> , 2002, 158, 293-303.	5.2	77
23	Production of hydrocarbon fuels from heavy fraction of bio-oil through hydrodeoxygenative upgrading with Ru-based catalyst. <i>Fuel</i> , 2018, 215, 825-834.	6.4	77
24	Insight into the solvent, temperature and time effects on the hydrogenolysis of hydrolyzed lignin. <i>Bioresource Technology</i> , 2016, 221, 568-575.	9.6	74
25	Fabrication of stable zein nanoparticles by chondroitin sulfate deposition based on antisolvent precipitation method. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 30-39.	7.5	74
26	Fabrication and Characterization of Lutein-Loaded Nanoparticles Based on Zein and Sophorolipid: Enhancement of Water Solubility, Stability, and Bioaccessibility. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11977-11985.	5.2	74
27	Autoantibodies in Melanoma-Associated Retinopathy Target TRPM1 Cation Channels of Retinal ON Bipolar Cells. <i>Journal of Neuroscience</i> , 2011, 31, 3962-3967.	3.6	73
28	Design of Astaxanthin-Loaded Core-Shell Nanoparticles Consisting of Chitosan Oligosaccharides and Poly(lactic-co-glycolic acid): Enhancement of Water Solubility, Stability, and Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5113-5121.	5.2	72
29	Modulation of Gut Microbiota by Fucoxanthin During Alleviation of Obesity in High-Fat Diet-Fed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5118-5128.	5.2	72
30	Mini-Review: Antifouling Natural Products from Marine Microorganisms and Their Synthetic Analogs. <i>Marine Drugs</i> , 2017, 15, 266.	4.6	69
31	Surface coating of zein nanoparticles to improve the application of bioactive compounds: A review. <i>Trends in Food Science and Technology</i> , 2022, 120, 1-15.	15.1	68
32	In situ hydrogenation of model compounds and raw bio-oil over Raney Ni catalyst. <i>Energy Conversion and Management</i> , 2015, 89, 188-196.	9.2	64
33	Effect of the micron-sized silica particles (MSSP) on biogas conversion of sewage sludge. <i>Water Research</i> , 2017, 115, 220-228.	11.3	62
34	Probing neurochemical structure and function of retinal ON bipolar cells with a transgenic mouse. <i>Journal of Comparative Neurology</i> , 2008, 510, 484-496.	1.6	59
35	Angiopoietin receptor Tie2 is required for vein specification and maintenance via regulating COUP-TFII. <i>ELife</i> , 2016, 5, .	6.0	59
36	PER1 Phosphorylation Specifies Feeding Rhythm in Mice. <i>Cell Reports</i> , 2014, 7, 1509-1520.	6.4	58

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37	mGluR6 deletion renders the TRPM1 channel in retina inactive. <i>Journal of Neurophysiology</i> , 2012, 107, 948-957.	1.8	54
38	Formation, characterization, and application of chitosan/pectin-stabilized multilayer emulsions as astaxanthin delivery systems. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 985-997.	7.5	54
39	In situ synthesis of biomass-derived Ni/C catalyst by self-reduction for the hydrogenation of levulinic acid to β -valerolactone. <i>Journal of Energy Chemistry</i> , 2019, 37, 204-214.	12.9	53
40	Selective, highly efficient extraction of Cr(III), Pb(II) and Fe(III) from complex water environment with a tea residue derived porous gel adsorbent. <i>Bioresource Technology</i> , 2020, 311, 123520.	9.6	53
41	Efficient valorization of lignin depolymerization products in the presence of Ni-Mg Al_2O_4 . <i>Applied Energy</i> , 2015, 157, 540-545.	10.1	51
42	Ca $\text{V}3$ Is Required for Normal Light ON Responses and Synaptic Maintenance. <i>Journal of Neuroscience</i> , 2012, 32, 11343-11355.	3.6	50
43	TIMELESS mutation alters phase responsiveness and causes advanced sleep phase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12045-12053.	7.1	50
44	Development of pH-driven zein/tea saponin composite nanoparticles for encapsulation and oral delivery of curcumin. <i>Food Chemistry</i> , 2021, 364, 130401.	8.2	50
45	Adsorption properties of Cd(II)-imprinted chitosan resin. <i>Journal of Materials Science</i> , 2011, 46, 1535-1541.	3.7	49
46	Dopamine dysregulation in a mouse model of paroxysmal nonkinesigenic dyskinesia. <i>Journal of Clinical Investigation</i> , 2012, 122, 507-518.	8.2	49
47	<i>In situ</i> hydrogenation of furfural with additives over a RANEY Ni catalyst. <i>RSC Advances</i> , 2015, 5, 91190-91195.	3.6	48
48	Fabrication and Characterization of β -Lactoglobulin-Based Nanocomplexes Composed of Chitosan Oligosaccharides as Vehicles for Delivery of Astaxanthin. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6717-6726.	5.2	48
49	Production of liquid alkanes by controlling reactivity of sorbitol hydrogenation with a Ni/HZSM-5 catalyst in water. <i>Energy Conversion and Management</i> , 2014, 77, 262-268.	9.2	46
50	Hydrogenation of lignin-derived phenolic compounds over step by step precipitated Ni/SiO $_2$. <i>RSC Advances</i> , 2016, 6, 5214-5222.	3.6	46
51	Dual roles of FBXL3 in the mammalian circadian feedback loops are important for period determination and robustness of the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4750-4755.	7.1	44
52	Bioaccumulation of cadmium by growing <i>Zygosaccharomyces rouxii</i> and <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2014, 155, 116-121.	9.6	43
53	Investigation on the esterification by using supercritical ethanol for bio-oil upgrading. <i>Applied Energy</i> , 2015, 160, 633-640.	10.1	43
54	Nitrogen transformation during pyrolysis of oilfield sludge with high polymer content. <i>Chemosphere</i> , 2019, 219, 383-389.	8.2	43

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55	Effect of sophorolipid on the curcumin-loaded ternary composite nanoparticles self-assembled from zein and chondroitin sulfate. <i>Food Hydrocolloids</i> , 2021, 113, 106493.	10.7	43
56	Synergistic effects of highly active Ni and acid site on the hydrodeoxygenation of syringol. <i>Catalysis Communications</i> , 2017, 91, 1-5.	3.3	42
57	The stability and bioaccessibility of fucoxanthin in spray-dried microcapsules based on various biopolymers. <i>RSC Advances</i> , 2018, 8, 35139-35149.	3.6	41
58	Effects of continuous positive airway pressure on depression and anxiety symptoms in patients with obstructive sleep apnoea: results from the sleep apnoea cardiovascular Endpoint randomised trial and meta-analysis. <i>EClinicalMedicine</i> , 2019, 11, 89-96.	7.1	38
59	Effects of humic matter on the anaerobic digestion of sewage sludge: New insights from sludge structure. <i>Chemosphere</i> , 2020, 243, 125421.	8.2	38
60	Self-assembled composite nanoparticles based on zein as delivery vehicles of curcumin: role of chondroitin sulfate. <i>Food and Function</i> , 2020, 11, 5377-5388.	4.6	38
61	Interaction of MAGED1 with nuclear receptors affects circadian clock function. <i>EMBO Journal</i> , 2010, 29, 1389-1400.	7.8	37
62	Efficient Hydrogenolysis of Guaiacol over Highly Dispersed Ni/MCM-41 Catalyst Combined with HZSM-5. <i>Catalysts</i> , 2016, 6, 134.	3.5	37
63	Fucoxanthin Isolated from <i>Undaria pinnatifida</i> Can Interact with <i>Escherichia coli</i> and <i>Lactobacilli</i> in the Intestine and Inhibit the Growth of Pathogenic Bacteria. <i>Journal of Ocean University of China</i> , 2019, 18, 926-932.	1.2	36
64	Construction of Fucoxanthin Vector Based on Binding of Whey Protein Isolate and Its Subsequent Complex Coacervation with Lysozyme. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2980-2990.	5.2	36
65	Characterizing the sludge moisture distribution during anaerobic digestion process through various approaches. <i>Science of the Total Environment</i> , 2019, 675, 184-191.	8.0	35
66	Mild Hydrogenation of Lignin Depolymerization Products Over Ni/SiO ₂ Catalyst. <i>Energy & Fuels</i> , 2017, 31, 7208-7213.	5.1	34
67	Conversion of pyrolytic lignin to aromatic hydrocarbons by hydrocracking over pristine MoO ₃ catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 135, 60-66.	5.5	34
68	Electrical stimulation at nanoscale topography boosts neural stem cell neurogenesis through the enhancement of autophagy signaling. <i>Biomaterials</i> , 2021, 268, 120585.	11.4	34
69	The electroretinogram of Mongolian gerbil (<i>Meriones unguiculatus</i>): Comparison to mouse. <i>Neuroscience Letters</i> , 2015, 589, 7-12.	2.1	33
70	Enhancing Anaerobic Digestion of Waste Activated Sludge by Solidâ€“Liquid Separation via Isoelectric Point Pretreatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14774-14784.	6.7	32
71	Spatial Configuration of Extracellular Organic Substances Responsible for the Biogas Conversion of Sewage Sludge. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8308-8316.	6.7	32
72	One-step self-assembly of curcumin-loaded zein/sophorolipid nanoparticles: physicochemical stability, redispersibility, solubility and bioaccessibility. <i>Food and Function</i> , 2021, 12, 5719-5730.	4.6	32

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73	SWItch/sucrose nonfermentable (SWI/SNF) complex subunit BAF60a integrates hepatic circadian clock and energy metabolism. <i>Hepatology</i> , 2011, 54, 1410-1420.	7.3	31
74	Synergistic Effect of EtOAc/H ₂ O Biphasic Solvent and Ru/C Catalyst for Cornstalk Hydrolysis Residue Depolymerization. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2981-2993.	6.7	31
75	In-situ hydrogenation of model compounds and raw bio-oil over Ni/CMK-3 catalyst. <i>Fuel Processing Technology</i> , 2017, 161, 226-231.	7.2	31
76	Cadmium detoxification induced by salt stress improves cadmium tolerance of multi-stress-tolerant <i>Pichia kudriavzevii</i> . <i>Environmental Pollution</i> , 2018, 242, 845-854.	7.5	31
77	Retinal ON Bipolar Cells Express a New PCP2 Splice Variant That Accelerates the Light Response. <i>Journal of Neuroscience</i> , 2008, 28, 8873-8884.	3.6	30
78	Distinct Roles of HDAC3 in the Core Circadian Negative Feedback Loop Are Critical for Clock Function. <i>Cell Reports</i> , 2016, 14, 823-834.	6.4	30
79	The TRPM1 channel in ON-bipolar cells is gated by both the α and the β subunits of the G-protein Go. <i>Scientific Reports</i> , 2016, 6, 20940.	3.3	30
80	Is Regular Screening for Intracranial Aneurysm Necessary in Patients with Autosomal Dominant Polycystic Kidney Disease? A Systematic Review and Meta-analysis. <i>Cerebrovascular Diseases</i> , 2017, 44, 75-82.	1.7	30
81	The Deep Genome Project. <i>Genome Biology</i> , 2020, 21, 18.	8.8	30
82	Effects of metal ions in tea polysaccharides on their in vitro antioxidant activity and hypoglycemic activity. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 418-426.	7.5	29
83	<i>Lycium Barbarum</i> Polysaccharides Protect Retina in rd1 Mice During Photoreceptor Degeneration. , 2018, 59, 597.		29
84	A Role for Atypical Cadherin <i>Celsr3</i> in Hippocampal Maturation and Connectivity. <i>Journal of Neuroscience</i> , 2012, 32, 13729-13743.	3.6	28
85	Changes in Retinal Morphology, Electroretinogram and Visual Behavior after Transient Global Ischemia in Adult Rats. <i>PLoS ONE</i> , 2013, 8, e65555.	2.5	28
86	La(III)-loaded bentonite/chitosan beads for defluoridation from aqueous solution. <i>Journal of Rare Earths</i> , 2014, 32, 458-466.	4.8	28
87	One step hydrogenation–esterification of model compounds and bio-oil to alcohols and esters over Raney Ni catalysts. <i>Energy Conversion and Management</i> , 2016, 108, 78-84.	9.2	28
88	Comparison of Treatment Rates of Depression After Stroke Versus Myocardial Infarction: A Systematic Review and Meta-Analysis of Observational Data. <i>Psychosomatic Medicine</i> , 2018, 80, 754-763.	2.0	28
89	Fine-Tuning of Shh/Gli Signaling Gradient by Non-proteolytic Ubiquitination during Neural Patterning. <i>Cell Reports</i> , 2019, 28, 541-553.e4.	6.4	28
90	Different types of ganglion cell share a synaptic pattern. <i>Journal of Comparative Neurology</i> , 2008, 507, 1871-1878.	1.6	27

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91	Acid stress induces cross-protection for cadmium tolerance of multi-stress-tolerant <i>Pichia kudriavzevii</i> by regulating cadmium transport and antioxidant defense system. <i>Journal of Hazardous Materials</i> , 2019, 366, 151-159.	12.4	27
92	Adsorption behavior of As(III) onto chitosan resin with As(III) as template ions. <i>Journal of Applied Polymer Science</i> , 2012, 125, 246-253.	2.6	26
93	Systematic review of coexistent epileptic seizures and Alzheimer's disease: Incidence and prevalence. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 2011-2020.	2.6	26
94	Effects of intrinsic metal ions of lentinan with different molecular weights from <i>Lentinus edodes</i> on the antioxidant capacity and activity against proliferation of cancer cells. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 73-81.	7.5	25
95	Efficient removal of zinc by multi-stress-tolerant yeast <i>Pichia kudriavzevii</i> A16. <i>Bioresource Technology</i> , 2016, 206, 43-49.	9.6	24
96	Recognition of the key chemical constituents of sewage sludge for biogas production. <i>RSC Advances</i> , 2017, 7, 2033-2037.	3.6	23
97	Loss-of-function mutations with circadian rhythm regulator <i>Per1/Per2</i> lead to premature ovarian insufficiency. <i>Biology of Reproduction</i> , 2019, 100, 1066-1072.	2.7	23
98	Benign paroxysmal positional vertigo in Meniere's disease: systematic review and meta-analysis of frequency and clinical characteristics. <i>Journal of Neurology</i> , 2021, 268, 1608-1614.	3.6	23
99	An intensity ratio of interlocking loops determines circadian period length. <i>Nucleic Acids Research</i> , 2014, 42, 10278-10287.	14.5	22
100	Loss of ZBTB20 impairs circadian output and leads to unimodal behavioral rhythms. <i>ELife</i> , 2016, 5, .	6.0	22
101	Hydrogenolysis process for lignosulfonate depolymerization using synergistic catalysts of noble metal and metal chloride. <i>RSC Advances</i> , 2016, 6, 88788-88796.	3.6	22
102	Tetramethylpyrazine nitrone protects retinal ganglion cells against methylglyoxal-induced excitotoxicity. <i>Journal of Neurochemistry</i> , 2017, 141, 373-386.	3.9	22
103	Neuroprotective effects of methyl 3,4 dihydroxybenzoate in a mouse model of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2017, 162, 86-96.	2.6	22
104	Effects of free nitrous acid and nitrite on two-phase anaerobic digestion of waste activated sludge: A preliminary study. <i>Science of the Total Environment</i> , 2019, 654, 1064-1071.	8.0	22
105	Integrating multi-state and multi-phase treatment for anaerobic sludge digestion to enhance recovery of bio-energy. <i>Science of the Total Environment</i> , 2020, 698, 134196.	8.0	22
106	Angiopoietin-1 Knockout Mice as a Genetic Model of Open-Angle Glaucoma. <i>Translational Vision Science and Technology</i> , 2020, 9, 16.	2.2	22
107	Krüppel-like factor 17 upregulates uterine corin expression and promotes spiral artery remodeling in pregnancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19425-19434.	7.1	21
108	Effect of purity of tea polysaccharides on its antioxidant and hypoglycemic activities. <i>Journal of Food Biochemistry</i> , 2020, 44, e13277.	2.9	21

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109	Frequency and predictors of psychological distress after a diagnosis of epilepsy: A community-based study. <i>Epilepsy and Behavior</i> , 2017, 75, 190-195.	1.7	20
110	Encapsulation and delivery of curcumin in cellulose nanocrystals nanoparticles using pH-driven method. <i>LWT - Food Science and Technology</i> , 2022, 155, 112863.	5.2	20
111	Removal of arsenic from <i>Laminaria japonica</i> Aresch juice using As(III)-imprinted chitosan resin. <i>European Food Research and Technology</i> , 2011, 232, 911-917.	3.3	19
112	RNA Interference of GADD153 Protects Photoreceptors from Endoplasmic Reticulum Stress-Mediated Apoptosis after Retinal Detachment. <i>PLoS ONE</i> , 2013, 8, e59339.	2.5	19
113	Frequency, determinants, and effects of early seizures after thrombolysis for acute ischemic stroke. <i>Neurology: Clinical Practice</i> , 2017, 7, 324-332.	1.6	19
114	Mechanism study of aromatics production from furans with methanol over zeolite catalysts. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 87-95.	5.5	19
115	One-pot aqueous phase catalytic conversion of sorbitol to gasoline over nickel catalyst. <i>Energy Conversion and Management</i> , 2015, 94, 95-102.	9.2	18
116	Inhibition of non-NMDA ionotropic glutamate receptors delays the retinal degeneration in rd10 mouse. <i>Neuropharmacology</i> , 2018, 139, 137-149.	4.1	18
117	Brain and Retinal Abnormalities in the 5xFAD Mouse Model of Alzheimer's Disease at Early Stages. <i>Frontiers in Neuroscience</i> , 2021, 15, 681831.	2.8	18
118	Wolfberryâ€ derived zeaxanthin dipalmitate delays retinal degeneration in a mouse model of retinitis pigmentosa through modulating STAT3, CCL2 and MAPK pathways. <i>Journal of Neurochemistry</i> , 2021, 158, 1131-1150.	3.9	18
119	pH-driven self-assembly of alcohol-free curcumin-loaded propylene glycol alginate nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 302-308.	7.5	18
120	The Circadian Clock Influences Heart Performance. <i>Journal of Biological Rhythms</i> , 2011, 26, 402-411.	2.6	17
121	Effect of inorganic salts on the growth and Cd ²⁺ bioaccumulation of <i>Zygosaccharomyces rouxii</i> cultured under Cd ²⁺ stress. <i>Bioresource Technology</i> , 2013, 128, 831-834.	9.6	17
122	Direct conversion of cellulose into C ₆ alditols over Ru/C combined with H ⁺ -released boron phosphate in an aqueous phase. <i>RSC Advances</i> , 2014, 4, 52402-52409.	3.6	17
123	Different effects of sodium chloride preincubation on cadmium tolerance of <i>Pichia kudriavzevii</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Basic Microbiology</i> , 2015, 55, 1002-1012.	3.3	17
124	Biological and Chemical Diversity of Bacteria Associated with a Marine Flatworm. <i>Marine Drugs</i> , 2017, 15, 281.	4.6	17
125	Sluggish and Brisk Ganglion Cells Detect Contrast With Similar Sensitivity. <i>Journal of Neurophysiology</i> , 2005, 93, 2388-2395.	1.8	16
126	Structural and visual functional deficits in a rat model of neuromyelitis optica spectrum disorders related optic neuritis. <i>Experimental Eye Research</i> , 2018, 175, 124-132.	2.6	16

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127	<i>In situ</i> hydrogenation of phenolic compounds over Ni-based catalysts: upgrading of lignin depolymerization products. <i>New Journal of Chemistry</i> , 2020, 44, 5088-5096.	2.8	16
128	Curcumin improves synaptic plasticity impairment induced by HIV-1gp120 V3 loop. <i>Neural Regeneration Research</i> , 2015, 10, 925.	3.0	16
129	Upgrading of Bio-oil by Removing Carboxylic Acids in Supercritical Ethanol. <i>Energy Procedia</i> , 2014, 61, 1033-1036.	1.8	15
130	Evaluation of High Cholesterol and Risk of Dementia and Cognitive Decline in Older Adults Using Individual Patient Meta-Analysis. <i>Dementia and Geriatric Cognitive Disorders</i> , 2021, 50, 318-325.	1.5	15
131	Depolymerization of Organosolv Lignin over Silica-alumina Catalysts. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 474-480.	1.3	14
132	Optimization of and mechanism for the coagulation–flocculation of oil-field wastewater from polymer flooding. <i>Desalination and Water Treatment</i> , 2016, 57, 23709-23718.	1.0	14
133	<i>MAGED1</i> : Molecular insights and clinical implications. <i>Annals of Medicine</i> , 2011, 43, 347-355.	3.8	13
134	Interaction among bio-oil model components during oxidative degradation. <i>Biomass and Bioenergy</i> , 2015, 77, 135-146.	5.7	13
135	Impaired function of the suprachiasmatic nucleus rescues the loss of body temperature homeostasis caused by time-restricted feeding. <i>Science Bulletin</i> , 2020, 65, 1268-1280.	9.0	13
136	Regulation of CRMP2 by Cdk5 and GSK-3 β participates in sevoflurane-induced dendritic development abnormalities and cognitive dysfunction in developing rats. <i>Toxicology Letters</i> , 2021, 341, 68-79.	0.8	13
137	Oligomeric proanthocyanidin protects retinal ganglion cells against oxidative stress-induced apoptosis. <i>Neural Regeneration Research</i> , 2013, 8, 2317-26.	3.0	13
138	KIT ligand protects against both light-induced and genetic photoreceptor degeneration. <i>ELife</i> , 2020, 9, .	6.0	13
139	Effects of pipeline corrosion on the injection water quality of low permeability in oilfield. <i>Desalination</i> , 2013, 326, 141-147.	8.2	12
140	Effect of reusing the advanced-softened, silica-rich, oilfield-produced water (ASOW) on finned tubes in steam-injection boiler. <i>Desalination</i> , 2015, 372, 17-25.	8.2	12
141	<i>PAC</i> 1R agonist maxadilan enhances <i>hADSC</i> viability and neural differentiation potential. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 874-890.	3.6	12
142	LDL Receptor–Related Protein 6 Modulates Ret Proto-Oncogene Signaling in Renal Development and Cystic Dysplasia. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 417-427.	6.1	12
143	Effect of sodium chloride and cadmium on the growth, oxidative stress and antioxidant enzyme activities of <i>Zygosaccharomyces rouxii</i> . <i>Journal of Ocean University of China</i> , 2014, 13, 460-466.	1.2	11
144	Characterizing and Exploring the Formation Mechanism of Salt Deposition by Reusing Advanced-softened, Silica-rich, Oilfield-produced Water (ASOW) in Superheated Steam Pipeline. <i>Scientific Reports</i> , 2015, 5, 17274.	3.3	11

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145	Reduction of salt content of fish sauce by ethanol treatment. <i>Journal of Food Science and Technology</i> , 2017, 54, 2956-2964.	2.8	11
146	Luteolin delays photoreceptor degeneration in a mouse model of retinitis pigmentosa. <i>Neural Regeneration Research</i> , 2021, 16, 2109.	3.0	11
147	Effect of the silica-rich, oilfield-produced water with different degrees of softening on characteristics of scales in steam-injection boiler. <i>Desalination</i> , 2015, 361, 38-45.	8.2	10
148	Synthesis, crystal structure and hydrolysis activity of a novel heterobinuclear cobalt(II) sodium Schiff base complex. <i>Journal of Inorganic Biochemistry</i> , 2017, 171, 37-44.	3.5	10
149	Prevalence of Driving and Traffic Accidents among People with Seizures: A Systematic Review. <i>Neuroepidemiology</i> , 2019, 53, 1-12.	2.3	10
150	High-throughput discovery of genetic determinants of circadian misalignment. <i>PLoS Genetics</i> , 2020, 16, e1008577.	3.5	10
151	Construction of biopolymer-based nanoencapsulation of functional food ingredients using the pH-driven method: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 5724-5738.	10.3	10
152	Kir2.4 Surface Expression and Basal Current Are Affected by Heterotrimeric G-Proteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 7420-7429.	3.4	9
153	Return to driving after a diagnosis of epilepsy: A prospective registry study. <i>Epilepsia</i> , 2018, 59, 661-667.	5.1	9
154	Diastolic Blood Pressure Variability in Later Life May Be a Key Risk Marker for Cognitive Decline. <i>Hypertension</i> , 2022, 79, 1037-1044.	2.7	9
155	Biosorption of cadmium(II) from aqueous solution by chitosan encapsulated <i>Zygosaccharomyces rouxii</i> . <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1101-1110.	2.3	8
156	Evaluating the biogas conversion potential of sewage sludge by surface site density of sludge particulate. <i>Chemical Engineering Journal</i> , 2017, 327, 1184-1191.	12.7	8
157	Novel Multifunctional and Edible Film Based on Phenylactic Acid Grafted Chitosan Derivative and Nano Zinc Oxide. <i>Food Biophysics</i> , 2018, 13, 102-111.	3.0	8
158	Isolation, characterization, and application of biogenic amines-degrading strains from fermented food. <i>Journal of Food Safety</i> , 2020, 40, e12716.	2.3	8
159	Intergenerational Practice in the Community—What Does the Community Think?. <i>Social Sciences</i> , 2021, 10, 374.	1.4	8
160	Mn(II)-Mediated Self-Assembly of Tea Polysaccharide Nanoparticles and Their Functional Role in Mice with Type 2 Diabetes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30607-30617.	8.0	8
161	Chitosan oligosaccharide-Ca complex accelerates the depuration of cadmium from <i>Chlamys farreri</i> . <i>Journal of Ocean University of China</i> , 2012, 11, 219-226.	1.2	7
162	Production of Alkanes from Lignin-derived Phenolic Compounds over In Situ Formed Ni Catalyst with Solid Acid. <i>Chemistry Letters</i> , 2015, 44, 648-650.	1.3	7

#	ARTICLE	IF	CITATIONS
163	Frizzled3 Shapes the Development of Retinal Rod Bipolar Cells. , 2016, 57, 2788.		7
164	A new strategy for reusing the oilfield-produced water as boiler feedwater without desilication. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 169-172.	5.3	7
165	Adsorption of cadmium ions using the bioadsorbent of <i>Pichia kudriavzevii</i> YB5 immobilized by polyurethane foam and alginate gels. Environmental Science and Pollution Research, 2018, 25, 3745-3755.	5.3	7
166	Chitosan removes toxic heavy metal ions from cigarette mainstream smoke. Journal of Ocean University of China, 2013, 12, 509-514.	1.2	6
167	Novel Antimicrobial and Antioxidant Chitosan Derivatives Prepared by Green Grafting with Phenyllactic Acid. Food Biophysics, 2017, 12, 470-478.	3.0	6
168	Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Reveal Bradycardiac Effects Caused by Co-Administration of Sofosbuvir and Amiodarone. Assay and Drug Development Technologies, 2018, 16, 222-229.	1.2	6
169	Who is driving and who is prone to have traffic accidents? A systematic review and meta-analysis among people with seizures. Epilepsy and Behavior, 2019, 94, 252-257.	1.7	6
170	Intravenous injection of l-aspartic acid β -hydroxamate attenuates choroidal neovascularization via anti-VEGF and anti-inflammation. Experimental Eye Research, 2019, 182, 93-100.	2.6	6
171	Preparation and characterization of metal- α -D-glucoside complexes and their inhibition on α -glucosidase. Journal of Food Biochemistry, 2021, 45, e13689.	2.9	6
172	High-efficiency adsorption of various heavy metals by tea residue biochar loaded with nanoscale zero-valent iron. Environmental Progress and Sustainable Energy, 2021, 40, e13706.	2.3	6
173	A review of factors affecting the stability of zein-based nanoparticles loaded with bioactive compounds: from construction to application. Critical Reviews in Food Science and Nutrition, 2023, 63, 7529-7545.	10.3	6
174	Aromatic Compounds Production from Sorbitol by Aqueous Catalytic Reforming. Chinese Journal of Chemical Physics, 2015, 28, 101-106.	1.3	5
175	Characterizing and exploring the mechanism of formation of corrosion scales by reusing advanced-softened, silica-rich, oilfield-produced water (<sc>ASOW</sc>) in a steam-injection boiler. Journal of Chemical Technology and Biotechnology, 2017, 92, 382-390.	3.2	5
176	Synthesis of polyunsaturated fatty boronic esters and their in vitro inhibition to HCT116 cell lines. Tetrahedron, 2019, 75, 130578.	1.9	5
177	Methyl 3,4-dihydroxybenzoate protects retina in a mouse model of acute ocular hypertension through multiple pathways. Experimental Eye Research, 2019, 181, 15-24.	2.6	5
178	Vestibular drop attacks in Ménière's disease: A systematic review and meta-analysis of frequency, correlates and consequences. Journal of Vestibular Research: Equilibrium and Orientation, 2022, 32, 171-182.	2.0	5
179	Preparation and characterization of magnetic resin made from chitosan and cerium. Journal of Ocean University of China, 2010, 9, 185-192.	1.2	4
180	Inactivation of Cipc alters the expression of Per1 but not circadian rhythms in mice. Science China Life Sciences, 2015, 58, 368-372.	4.9	4

#	ARTICLE	IF	CITATIONS
181	Modulation of cadmium bioaccumulation and enhancing cadmium tolerance in <i>Pichia kudriavzevii</i> by sodium chloride preincubation. Journal of Basic Microbiology, 2016, 56, 711-718.	3.3	4
182	Selection of <i>Zygosaccharomyces rouxii</i> strains resistant to cadmium with improved removal abilities through ultraviolet-diethyl sulfate cooperative mutagenesis. Environmental Science and Pollution Research, 2017, 24, 18630-18639.	5.3	4
183	Haploinsufficiency of hnRNP U Changes Activity Pattern and Metabolic Rhythms. American Journal of Pathology, 2018, 188, 173-183.	3.8	4
184	Construction and Characterization of Phthalocyanine-Loaded Particles of Curdlan and Their Photosensitivity. International Journal of Molecular Sciences, 2018, 19, 3323.	4.1	4
185	Action potential response of human induced-pluripotent stem cell derived cardiomyocytes to the 28 CiPA compounds: A non-core site data report of the CiPA study. Journal of Pharmacological and Toxicological Methods, 2019, 98, 106577.	0.7	4
186	Disability patterns over the first year after a diagnosis of epilepsy. Clinical Neurology and Neurosurgery, 2019, 179, 60-65.	1.4	4
187	Parathyroidectomy Is Associated With Reversed Nondipping Heart Rate That Impacts Mortality in Chronic Kidney Disease Patients. Endocrine Practice, 2022, 28, 148-158.	2.1	4
188	Effect of fish sperm deoxyribonucleic acid encapsulation on stability, bioaccessibility, redispersibility, and solubilization of curcumin. Food Bioscience, 2022, 48, 101746.	4.4	4
189	Biosorption of citric acid-cadmium complex by imprinted chitosan polymer. Desalination and Water Treatment, 2013, 51, 3754-3761.	1.0	3
190	Effects of Supports and Promoters on <i>in situ</i> Hydrogenation of <i>o</i> -Cresol over Ni-based Catalysts. Chinese Journal of Chemical Physics, 2014, 27, 697-703.	1.3	3
191	Comparison study on copper bioaccumulation by growing <i>P. kudriavzevii</i> and <i>S. cerevisiae</i> . Environmental Progress and Sustainable Energy, 2016, 35, 1353-1360.	2.3	3
192	Interpretation of the Nobel Prize in Physiology or Medicine 2017. Science China Life Sciences, 2018, 61, 131-134.	4.9	3
193	Improved cadmium resistance and removal capacity in <i>Pichia kudriavzevii</i> A16 by sucrose preincubation. Journal of Basic Microbiology, 2019, 59, 867-878.	3.3	3
194	dbInDel: a database of enhancer-associated insertion and deletion variants by analysis of H3K27ac ChIP-Seq. Bioinformatics, 2020, 36, 1649-1651.	4.1	3
195	Retinal Microvascular Changes in Subtypes of Ischemic Stroke. Frontiers in Neurology, 2020, 11, 619554.	2.4	3
196	Correlated evolution between CK1 γ Protein and the Serine-rich Motif Contributes to Regulating the Mammalian Circadian Clock. Journal of Biological Chemistry, 2017, 292, 161-171.	3.4	2
197	Course and impact of sleep disturbance in newly diagnosed epilepsy: A prospective registry study. Clinical Neurology and Neurosurgery, 2020, 195, 105963.	1.4	2
198	Analysis of Key Control Points of Microbial Contamination Risk in Pork Production Processes Using a Quantitative Exposure Assessment Model. Frontiers in Microbiology, 2022, 13, 828279.	3.5	2

#	ARTICLE	IF	CITATIONS
199	Characterizing the interactions between humic matter and calcium ions during water softening by cation-exchange resins. RSC Advances, 2016, 6, 93947-93955.	3.6	1
200	Deciphering color for comprehensive utilization of sludge. Resources, Conservation and Recycling, 2020, 153, 104579.	10.8	1
201	Higher diastolic blood pressure aged 40â€44 is associated with declining cognition and increasing white matter lesions over 8â€12 year follow up.. Alzheimer's and Dementia, 2020, 16, e045569.	0.8	1
202	Biosorption of Cd(II) from aqueous solution by biomass of salt-tolerant Zygosaccharomyces rouxii. , 2011,, .		0
203	Subjective memory decline and neuropsychological performance. Alzheimer's and Dementia, 2020, 16, e045656.	0.8	0