

Zhenggang Xu

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,187
citations

331259

21
h-index

433756

31
g-index

89
all docs

89
docs citations

89
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Walnut JrGSTU23 and JrVHAc4 involve in drought tolerance via JrWRKY2-mediated upstream regulatory pathway. <i>Scientia Horticulturae</i> , 2022, 295, 110871.	1.7	3
2	<i>Broussonetia papyrifera</i> fruits as a potential source of functional materials to develop the phytoremediation strategy. <i>Environmental Challenges</i> , 2022, 7, 100478.	2.0	3
3	Effect of g-C3N4 on biodiversity and structure of bacterial community in sediment of Xiangjiang River under tetracycline pressure. <i>Ecotoxicology</i> , 2022, 31, 503-515.	1.1	3
4	Integrating <i>Broussonetia papyrifera</i> and Two <i>Bacillus</i> Species to Repair Soil Antimony Pollutions. <i>Frontiers in Microbiology</i> , 2022, 13, 871581.	1.5	7
5	DNA metabarcoding uncovers the diet of subterranean rodents in China. <i>PLoS ONE</i> , 2022, 17, e0258078.	1.1	2
6	Integrative Metabolome and Transcriptome Analysis of Flavonoid Biosynthesis Genes in <i>Broussonetia papyrifera</i> Leaves From the Perspective of Sex Differentiation. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2
7	The effects of g-C3N4/biochar and g-C3N4 on bacterial community in riverbed sediment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85286-85299.	2.7	3
8	The physicochemical properties and fatty acid composition of two new woody oil resources: <i>Camellia hainanica</i> seed oil and <i>Camellia sinensis</i> seed oil. <i>CYTA - Journal of Food</i> , 2021, 19, 208-211.	0.9	8
9	New insights into the evolutionary characteristic between the New World and Old World <i>Lupinus</i> species using complete chloroplast genomes. <i>International Journal of Transgender Health</i> , 2021, 14, 414-427.	1.1	2
10	Composition and antioxidant analysis of jiaosu made from three common fruits: watermelon, cantaloupe and orange. <i>CYTA - Journal of Food</i> , 2021, 19, 146-151.	0.9	6
11	Ecological Security Evaluation Algorithm for Resource-Exhausted Cities Based on the PSR Model. <i>Computers, Materials and Continua</i> , 2021, 69, 985-1001.	1.5	2
12	Structural variation and phylogenetic relationship of <i>Geospiza magnirostris</i> based on mitochondrial control region. <i>Biologia (Poland)</i> , 2021, 76, 1367-1373.	0.8	1
13	Proposal of <i>Lentzea deserti</i> (Okoro et al. 2010) Nouioui et al. 2018 as a later heterotypic synonym of <i>Lentzea atacamensis</i> (Okoro et al. 2010) Nouioui et al. 2018 and an emended description of <i>Lentzea atacamensis</i> . <i>PLoS ONE</i> , 2021, 16, e0246533.	1.1	3
14	Exploring the evolutionary characteristics between cultivated tea and its wild relatives using complete chloroplast genomes. <i>Bmc Ecology and Evolution</i> , 2021, 21, 71.	0.7	15
15	Effects of Climate and Land Use/Land Cover Changes on Water Yield Services in the Dongjiang Lake Basin. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 466.	1.4	12
16	Effects of Plant Growth Regulators on the Rapid Propagation System of <i>Broussonetia papyrifera</i> L. Vent Explants. <i>Forests</i> , 2021, 12, 874.	0.9	7
17	Comparison of <i>Aspergillus chevalieri</i> and related species in dark tea at different aspects: Morphology, enzyme activity and mitochondrial genome. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15903.	0.9	6
18	The Complete Mitochondrial Genome Comparison between <i>Pelecanus occidentalis</i> and <i>Pelecanus crispus</i> . <i>Russian Journal of Genetics</i> , 2021, 57, 1073-1081.	0.2	0

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19	In-situ synthesis of biochar modified PbMoO ₄ : An efficient visible light-driven photocatalyst for tetracycline removal. <i>Chemosphere</i> , 2021, 284, 131260.	4.2	25
20	Insight into the Characteristics of Soil Microbial Diversity during the Ecological Restoration of Mines: A Case Study in Dabaoshan Mining Area, China. <i>Sustainability</i> , 2021, 13, 11684.	1.6	5
21	Walnut ethylene response factor JrERF2-2 interact with JrWRKY7 to regulate the GSTs in plant drought tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112945.	2.9	11
22	Genome-wide identification and expression analysis of ethylene responsive factor family transcription factors in <i>Juglans regia</i> . <i>PeerJ</i> , 2021, 9, e12429.	0.9	9
23	<i>Curvularia coatesiae</i> XK8, a Potential Bioadsorbent Material for Adsorbing Cd(II) and Sb(III) Compound Pollution: Characteristics and Effects. <i>Frontiers in Microbiology</i> , 2021, 12, 816312.	1.5	8
24	Contrasting habitat use and conservation status of Chinese-wintering and other Eurasian Greater White-fronted Goose (<i>Anser albifrons</i>) populations. <i>Avian Research</i> , 2021, 12, .	0.5	5
25	Annual migratory patterns of Far East Greylag Geese (<i>Anser anser rubrirostris</i>) revealed by GPS tracking. <i>Integrative Zoology</i> , 2020, 15, 213-223.	1.3	8
26	Synergistic adsorption-photocatalytic degradation effect and norfloxacin mechanism of ZnO/ZnS@BC under UV-light irradiation. <i>Scientific Reports</i> , 2020, 10, 11903.	1.6	50
27	Sequencing and phylogenetic analysis of mitochondrial genome of <i>Aspergillus cristatus</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2615-2616.	0.2	1
28	Cyclodextrin subject-object recognition-based aptamer sensor for sensitive and selective detection of tetracycline. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2365-2372.	1.2	11
29	Novel magnetic Fe ₃ O ₄ /g-C ₃ N ₄ /MoO ₃ nanocomposites with highly enhanced photocatalytic activities: Visible-light-driven degradation of tetracycline from aqueous environment. <i>PLoS ONE</i> , 2020, 15, e0237389.	1.1	40
30	Morphological and Physiological Changes of <i>Broussonetia papyrifera</i> Seedlings in Cadmium Contaminated Soil. <i>Plants</i> , 2020, 9, 1698.	1.6	19
31	A molecularly imprinted polymer combined with dual functional Au@Fe ₃ O ₄ nanocomposites for sensitive detection of kanamycin. <i>Journal of Electroanalytical Chemistry</i> , 2020, 870, 114216.	1.9	31
32	Improvement of manganese phytoremediation by <i>Broussonetia papyrifera</i> with two plant growth promoting (PGP) <i>Bacillus</i> species. <i>Chemosphere</i> , 2020, 260, 127614.	4.2	53
33	Initial Characterization of the Chloroplast Genome of <i>Vicia sepium</i> , an Important Wild Resource Plant, and Related Inferences About Its Evolution. <i>Frontiers in Genetics</i> , 2020, 11, 73.	1.1	26
34	A high Mn(II)-tolerance strain, <i>Bacillus thuringiensis</i> HM7, isolated from manganese ore and its biosorption characteristics. <i>PeerJ</i> , 2020, 8, e8589.	0.9	15
35	<i>Camellia hainanica</i> (Theaceae) a new species from Hainan, supported from morphological characters and phylogenetic analysis. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.2	2
36	<i>Streptomyces phaeolivaceus</i> sp. nov. and <i>Streptomyces broussonetiae</i> sp. nov., isolated from the leaves and rhizosphere soil of <i>Broussonetia papyrifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6458-6467.	0.8	12

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37	Landscape pattern and economic factorsâ€™ effect on prediction accuracy of cellular automata-Markov chain model on county scale. <i>Open Geosciences</i> , 2020, 12, 626-636.	0.6	6
38	Title is missing!. , 2020, 15, e0237389.		0
39	Title is missing!. , 2020, 15, e0237389.		0
40	Title is missing!. , 2020, 15, e0237389.		0
41	Title is missing!. , 2020, 15, e0237389.		0
42	The characteristic of <i>corvus pectoralis</i> â€™s complete mitochondrial genome and phylogeny analysis. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3513-3514.	0.2	0
43	Complete mitochondrial genome and phylogenetic analysis of <i>Penicillium citrinum</i> in dark tea. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2445-2446.	0.2	2
44	Complete mitochondrial genome of <i>Pelecanus crispus</i> and its phylogeny. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3075-3076.	0.2	1
45	Detecting useful genetic markers and reconstructing the phylogeny of an important medicinal resource plant, <i>Artemisia selengensis</i> , based on chloroplast genomics. <i>PLoS ONE</i> , 2019, 14, e0211340.	1.1	43
46	Physiological responses of <i>Broussonetia papyrifera</i> to manganese stress, a candidate plant for phytoremediation. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 18-25.	2.9	69
47	Spring migration duration exceeds that of autumn migration in Far East Asian Greater White-fronted Geese (<i>Anser albifrons</i>). <i>Avian Research</i> , 2019, 10, .	0.5	25
48	Stochastic simulations reveal few green wave surfing populations among spring migrating herbivorous waterfowl. <i>Nature Communications</i> , 2019, 10, 2187.	5.8	28
49	New insight into the molecular basis of cadmium stress responses of wild paper mulberry plant by transcriptome analysis. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 301-312.	2.9	69
50	The complete mitochondrial genome and phylogeny of <i>Geospiza magnirostris</i> (Passeriformes:). <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 22</i>	0.4	3
51	Characterization and phylogenetic analysis of the chloroplast genome of <i>Lupinus westianus</i> , a endemic species to Florida, United States. <i>Conservation Genetics Resources</i> , 2019, 11, 51-54.	0.4	1
52	Determination of the evolutionary pressure on <i>Camellia oleifera</i> on Hainan Island using the complete chloroplast genome sequence. <i>PeerJ</i> , 2019, 7, e7210.	0.9	23
53	Home range associated with water surface variations for wintering <i>Cygnus columbianus</i> in Dongting Lake. <i>Acta Ecologica Sinica</i> , 2019, 39, .	0.0	0
54	<i>Pseudonocardia broussonetiae</i> sp. nov., an endophytic actinomycete isolated from the roots of <i>Broussonetia papyrifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	7

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55	The complete chloroplast genome of an inverted-repeat-lacking species, <i>Vicia sepium</i> , and its phylogeny. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 137-138.	0.2	28
56	The walnut transcription factor JrGRAS2 contributes to high temperature stress tolerance involving in Dof transcriptional regulation and HSP protein expression. <i>BMC Plant Biology</i> , 2018, 18, 367.	1.6	29
57	Structure characteristics of <i>Aspergillus egyptiacus</i> mitochondrial genome, an important fungus during the fermentation of dark tea. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 1135-1136.	0.2	7
58	The complete chloroplast genome and phylogeny of <i>Artemisia selengensis</i> in Dongting Lake. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 907-908.	0.2	3
59	Synergistic Succession of the Small Mammal Community and Herbaceous Vegetation after Reverting Farmland to Seasonally Flooded Wetlands in the Dongting Lake Region, China. <i>Mammal Study</i> , 2018, 43, .	0.2	4
60	Structural characteristic and phylogenetic analysis of the complete chloroplast genome of <i>Dianthus Caryophyllus</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 1131-1132.	0.2	7
61	Biosorption characteristics of a highly Mn(II)-resistant <i>Ralstonia pickettii</i> strain isolated from Mn ore. <i>PLoS ONE</i> , 2018, 13, e0203285.	1.1	27
62	First Description of Grey Heron <i>Ardea cinerea</i> Migration Recorded by GPS/GSM Transmitter. <i>Ornithological Science</i> , 2018, 17, 223-228.	0.3	5
63	The complete mitochondrial genome of <i>Pelecanus occidentalis</i> (Pelecaniformes: Pelecanidae) and its phylogenetic analysis. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 782-783.	0.2	7
64	The walnut JrVHAG1 gene is involved in cadmium stress response through ABA-signal pathway and MYB transcription regulation. <i>BMC Plant Biology</i> , 2018, 18, 19.	1.6	49
65	The complete chloroplast genome of an economic and ecological plant, paper mulberry (<i>Broussonetia</i>) Tj ETQq1 1 0.784314 1.0 BT /Over	0.2	11
66	The complete chloroplast genome of an economic plant, <i>Camellia sinensis</i> cultivar Anhua, China. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 558-559.	0.2	10
67	Biosorption Characteristics of Mn (II) by <i>Bacillus cereus</i> Strain HM-5 Isolated from Soil Contaminated by Manganese Ore. <i>Polish Journal of Environmental Studies</i> , 2018, 28, 463-472.	0.6	18
68	The Far East taiga forest: unrecognized inhospitable terrain for migrating Arctic-nesting waterbirds?. <i>PeerJ</i> , 2018, 6, e4353.	0.9	22
69	Characterization of a vacuolar H ⁺ -ATPase G subunit gene from <i>Juglans regia</i> (JrVHAG1) involved in mannitol-induced osmotic stress tolerance. <i>Plant Cell Reports</i> , 2017, 36, 407-418.	2.8	13
70	Are declining populations of wild geese in China "prisoners" of their natural habitats?. <i>Current Biology</i> , 2017, 27, R376-R377.	1.8	56
71	Water level affects availability of optimal feeding habitats for threatened migratory waterbirds. <i>Ecology and Evolution</i> , 2017, 7, 10440-10450.	0.8	61
72	Both Jr<sc>WRKY</sc>2 and Jr<sc>WRKY</sc>7 of <i>Juglans regia</i> mediate responses to abiotic stresses and abscisic acid through formation of homodimers and interaction. <i>Plant Biology</i> , 2017, 19, 268-278.	1.8	37

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73	Characterization of the complete chloroplast genome sequence of <i>Camellia oleifera</i> in Hainan, China. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 843-844.	0.2	36
74	Distribution pattern and diversity of rodent communities at beach and lakeside areas in the Dongting Lake region. <i>Acta Ecologica Sinica</i> , 2017, 37, .	0.0	0
75	Behavioural Rhythms during the Adaptive Phase of Introduced Milu/Pere David's Deer, <i>Elaphurus davidianus</i> , in the Dongting Lake Wetland, China. <i>Pakistan Journal of Zoology</i> , 2017, 49, 1657-1664.	0.1	1
76	In planta characterization of a tau class glutathione S-transferase gene from <i>Juglans regia</i> (JrGSTTau1) involved in chilling tolerance. <i>Plant Cell Reports</i> , 2016, 35, 681-692.	2.8	47
77	A Spectral Model of Phytoplankton Absorption for Inland Lake. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 6555-6562.	0.4	0
78	Habitat evaluation for outbreak of Yangtze voles (<i>Microtus fortis</i>) and management implications. <i>Integrative Zoology</i> , 2015, 10, 267-281.	1.3	5
79	Comparison of some internal organs of adult <i>Microtus fortis</i> in different rearing density. <i>Acta Ecologica Sinica</i> , 2015, 35, .	0.0	1
80	Effect of population density on reproduction in <i>Microtus fortis</i> under laboratory conditions. <i>Acta Biologica Hungarica</i> , 2014, 65, 121-131.	0.7	1
81	Computational study of the cycloaddition reactivity of the osmium silylyne. <i>Inorganica Chimica Acta</i> , 2014, 422, 40-46.	1.2	3
82	Assessing Yangtze vole damage in Dongting Lake region of outbreak year based on MODIS imagery. <i>Acta Ecologica Sinica</i> , 2014, 34, .	0.0	0
83	Efficient photocatalytic degradation of tetracycline in wastewater with non-layered 2D PbMoO ₄ . , 0, 209, 302-315.		0