

Lulu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

845
citations

623734

14
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging risks of toxic metal(loid)s in soil-vegetables influenced by steel-making activities and isotopic source apportionment. <i>Environment International</i> , 2021, 146, 106207.	10.0	105
2	Legacy of multiple heavy metal(loid)s contamination and ecological risks in farmland soils from a historical artisanal zinc smelting area. <i>Science of the Total Environment</i> , 2020, 720, 137541.	8.0	104
3	Emergent thallium exposure from uranium mill tailings. <i>Journal of Hazardous Materials</i> , 2021, 407, 124402.	12.4	71
4	The THO Complex Non-Cell-Autonomously Represses Female Germline Specification through the TAS3-ARF3 Module. <i>Current Biology</i> , 2017, 27, 1597-1609.e2.	3.9	69
5	The bracteatus pineapple genome and domestication of clonally propagated crops. <i>Nature Genetics</i> , 2019, 51, 1549-1558.	21.4	60
6	Microbial insights into the biogeochemical features of thallium occurrence: A case study from polluted river sediments. <i>Science of the Total Environment</i> , 2020, 739, 139957.	8.0	58
7	Cadmium isotopic fractionation in lead-zinc smelting process and signatures in fluvial sediments. <i>Journal of Hazardous Materials</i> , 2021, 411, 125015.	12.4	45
8	A review on the progress, challenges and prospects in commercializing microalgal fucoxanthin. <i>Biotechnology Advances</i> , 2021, 53, 107865.	11.7	39
9	Microbial response and adaption to thallium contamination in soil profiles. <i>Journal of Hazardous Materials</i> , 2022, 423, 127080.	12.4	37
10	Floral transcriptomes reveal gene networks in pineapple floral growth and fruit development. <i>Communications Biology</i> , 2020, 3, 500.	4.4	34
11	Identification, Characterization and Expression Profiles of Dof Transcription Factors in Pineapple (<i>Ananas comosus</i> L). <i>Tropical Plant Biology</i> , 2018, 11, 49-64.	1.9	22
12	Influence of the physicochemical characteristics of diatom frustules on hemorrhage control. <i>Biomaterials Science</i> , 2019, 7, 1833-1841.	5.4	20
13	Glycyrrhizic Acid against <i>Mycoplasma gallisepticum</i> -Induced Inflammation and Apoptosis Through Suppressing the MAPK Pathway in Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1996-2009.	5.2	18
14	Quantification of smelter-derived contributions to thallium contamination in river sediments: Novel insights from thallium isotope evidence. <i>Journal of Hazardous Materials</i> , 2022, 424, 127594.	12.4	17
15	Stable isotope fractionation of thallium as novel evidence for its geochemical transfer during lead-zinc smelting activities. <i>Science of the Total Environment</i> , 2022, 803, 150036.	8.0	16
16	Tentative identification of key factors determining the hemostatic efficiency of diatom frustule. <i>Biomaterials Science</i> , 2021, 9, 2162-2173.	5.4	15
17	Sulfonate-based fluorescent probes for imaging hydrogen peroxide in living cells. <i>Science in China Series B: Chemistry</i> , 2009, 52, 734-740.	0.8	13
18	Andrographolide attenuates <i>Mycoplasma gallisepticum</i> -induced inflammation and apoptosis by the JAK/PI3K/AKT signal pathway in the chicken lungs and primary alveolar type II epithelial cells. <i>International Immunopharmacology</i> , 2022, 109, 108819.	3.8	12

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19	Two novel Co (II)â€œcoordination polymers as bifunctional materials for efficient photocatalytic degradation of dyes and electrocatalytic water oxidation. Applied Organometallic Chemistry, 2020, 34, e5767.	3.5	11
20	Genome-wide identification, classification, and expression analysis of the <i>HSF</i> gene family in pineapple (<i>Ananas comosus</i>). PeerJ, 2021, 9, e11329.	2.0	10
21	Crystal structure of E.Âcoli ZinT with one zinc-binding mode and complexed with citrate. Biochemical and Biophysical Research Communications, 2018, 500, 139-144.	2.1	8
22	High-Efficiency Organic Contaminants Remover Based on Modulated Self-Assembly of Cobalt Metalâ€œOrganic Frameworks. Crystal Growth and Design, 2021, 21, 4305-4317.	3.0	8
23	Hexameric assembly of membrane fusion protein YknX of the sporulation delaying efflux pump from Bacillus amyloliquefaciens. Biochemical and Biophysical Research Communications, 2017, 493, 152-157.	2.1	6
24	Enhance PATE on Complex Tasks With Knowledge Transferred From Non-Private Data. IEEE Access, 2019, 7, 50081-50094.	4.2	6
25	A series of novel Co(<sc>ii</sc>)-based MOFs: syntheses, structural diversity, and various properties. CrystEngComm, 2021, 23, 6376-6387.	2.6	6
26	Structural insight into the carboxylesterase BioH from Klebsiella pneumoniae. Biochemical and Biophysical Research Communications, 2019, 520, 538-543.	2.1	5
27	Biochemical and structural analysis of the Klebsiella pneumoniae cytidine deaminase CDA. Biochemical and Biophysical Research Communications, 2019, 519, 280-286.	2.1	5
28	Crystal structure of the nicotinamidase/pyrazinamidase PncA from Bacillus subtilis. Biochemical and Biophysical Research Communications, 2018, 503, 2906-2911.	2.1	4
29	Structural and functional analyses of the lipase CinB from Enterobacter asburiae. Biochemical and Biophysical Research Communications, 2019, 519, 274-279.	2.1	4
30	One water-stable magnetic coordination polymer material (Fe₃O₄@PmPDâ€œ[Co-BT]) as an efficient adsorbent for rapid dye removal. New Journal of Chemistry, 2020, 44, 20626-20633.	2.8	4
31	Structural insight of the 5-(Hydroxyethyl)-methylthiazole kinase ThiM involving vitamin B1 biosynthetic pathway from the Klebsiella pneumoniae. Biochemical and Biophysical Research Communications, 2019, 518, 513-518.	2.1	3
32	Evaluation of Glycyrrhizic Acid Therapeutic Effect and Safety in Mycoplasma gallisepticum (HS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22.	2.3	3
33	Crystal structure of the Siderophore-interacting protein SIP from Aeromonas hydrophila. Biochemical and Biophysical Research Communications, 2019, 519, 23-28.	2.1	2
34	Draft Genome Sequence of Brucella abortus BCB027, a Strain Isolated from a Domestic Deer. Genome Announcements, 2013, 1, .	0.8	1
35	Privacy-Preserving Verifiable Asynchronous Federated Learning. , 2021, , .		1
36	NADH-dependent butanol dehydrogenase from <i>Fusobacterium nucleatum</i>: purification, crystallization, and X-ray crystallographic analysis. Biodesign, 2022, 10, 29-33.	0.4	1

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37	Pyridoxal phosphate homeostasis protein FnYggS from <i>Fusobacterium nucleatum</i> : purification, crystallization, and X-ray crystallographic analysis. <i>BioDesign</i> , 2022, 10, 34-38.	0.4	1
38	Theoretical study on amplifying strong exciton-photon coupling based on surface plasmon in a hybridized perovskite nanowire-metal film-perovskite nanowire structure. <i>Modern Physics Letters B</i> , 2021, 35, 2150336.	1.9	0
39	Ball milling pretreatment of corn straw and <i>Pediococcus acidilactici</i> fermentation for non-ruminant diet. <i>Systems Microbiology and Biomanufacturing</i> , 2022, 2, 355.	2.9	0