

Yanbin Guo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

581
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Sunflower resistance against <i>Sclerotinia sclerotiorum</i> is potentiated by selenium through regulation of redox homeostasis and hormones signaling pathways. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	6
2	Selenium enriched <i>Hypsizygus marmoreus</i> , a potential food supplement with improved Se bioavailability. <i>LWT - Food Science and Technology</i> , 2021, 140, 110819.	5.2	14
3	Highly stable selenium nanoparticles: Assembly and stabilization via flagellin FliC and porin OmpF in <i>Rahnella aquatilis</i> HX2. <i>Journal of Hazardous Materials</i> , 2021, 414, 125545.	12.4	18
4	Suppression of <i>Rhizopus</i> fruit rot by volatile organic compounds produced by <i>Paenibacillus polymyxa</i> CF05. <i>Biocontrol Science and Technology</i> , 2020, 30, 1351-1364.	1.3	9
5	Uptake, translocation and biotransformation of selenium nanoparticles in rice seedlings (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	9.1	61
6	Selenium biofortification in <i>Hericium erinaceus</i> (Lion's Mane mushroom) and its in vitro bioaccessibility. <i>Food Chemistry</i> , 2020, 331, 127287.	8.2	33
7	Determination of Selenium in Common and Selenium-Rich Rice from Different Areas in China and Assessment of Their Dietary Intake. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4596.	2.6	7
8	The small RNA chaperone Hfq is a critical regulator for bacterial biosynthesis of selenium nanoparticles and motility in <i>Rahnella aquatilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1721-1735.	3.6	8
9	Selenium Biofortification and Antioxidant Activity in <i>Cordyceps militaris</i> Supplied with Selenate, Selenite, or Selenomethionine. <i>Biological Trace Element Research</i> , 2019, 187, 553-561.	3.5	44
10	Identification of <i>atpD</i> as an optimal reference gene to explore antibiotic resistance and stress tolerance in <i>Rahnella aquatilis</i> . <i>Journal of Applied Microbiology</i> , 2019, 126, 1096-1107.	3.1	14
11	Selenium biofortification and its effect on multi-element change in <i>Auricularia auricular</i> . <i>Food Chemistry</i> , 2019, 295, 206-213.	8.2	28
12	Disruption of <i>acdS</i> gene reduces plant growth promotion activity and maize saline stress resistance by <i>Rahnella aquatilis</i> HX2. <i>Journal of Basic Microbiology</i> , 2019, 59, 402-411.	3.3	18
13	Biosynthesis of selenium nanoparticles and effects of selenite, selenate, and selenomethionine on cell growth and morphology in <i>Rahnella aquatilis</i> HX2. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6191-6205.	3.6	23
14	Absorption and Bio-Transformation of Selenium Nanoparticles by Wheat Seedlings (<i>Triticum aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.8	95
15	Determination of Selenium Species in <i>Cordyceps militaris</i> by High-performance Liquid Chromatography Coupled to Hydride Generation Atomic Fluorescence Spectrometry. <i>Analytical Letters</i> , 2018, 51, 2316-2330.	1.8	19
16	CsrB, a noncoding regulatory RNA, is required for BarA-dependent expression of biocontrol traits in <i>Rahnella aquatilis</i> HX2. <i>PLoS ONE</i> , 2017, 12, e0187492.	2.5	2
17	Change in the abundance and community composition of ammonia-oxidizing bacteria and archaea at soil aggregate level as native pasture converted to cropland in a semiarid alpine steppe of central Asia. <i>Journal of Soils and Sediments</i> , 2016, 16, 243-254.	3.0	6
18	Shifts in Abundance and Diversity of Soil Ammonia-Oxidizing Bacteria and Archaea Associated with Land Restoration in a Semi-Arid Ecosystem. <i>PLoS ONE</i> , 2015, 10, e0132879.	2.5	10

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19	Induced systemic resistance and growth promotion in tomato by an indole-3-acetic acid-producing strain of <i>Paenibacillus polymyxa</i> . <i>Annals of Applied Biology</i> , 2014, 165, 270-279.	2.5	52
20	Disruption of Gene <i>pqqA</i> or <i>pqqB</i> Reduces Plant Growth Promotion Activity and Biocontrol of Crown Gall Disease by <i>Rahnella aquatilis</i> HX2. <i>PLoS ONE</i> , 2014, 9, e115010.	2.5	35
21	Investigation of photosynthate-C allocation 27 days after ¹³ C-pulse labeling of <i>Zea mays</i> L. at different growth stages. <i>Plant and Soil</i> , 2013, 373, 755-764.	3.7	36
22	Characterisation of <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i> strain Pa40 with the ability to control wheat sharp eyespot disease. <i>Annals of Applied Biology</i> , 2013, 163, 444-453.	2.5	8
23	Draft Genome Sequence of <i>Rahnella aquatilis</i> Strain HX2, a Plant Growth-Promoting Rhizobacterium Isolated from Vineyard Soil in Beijing, China. <i>Journal of Bacteriology</i> , 2012, 194, 6646-6647.	2.2	33
24	A Plating-PCR Technique for Detection and Quantification of the Biological Control Agent <i>Agrobacterium vitis</i> Strain E26 in Soil under Controlled Conditions. <i>Journal of Phytopathology</i> , 2012, 160, 496-499.	1.0	2