Yanbin Guo

List of Publications by Year
in descending order

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	Absorption and Bio-Transformation of Selenium Nanoparticles by Wheat Seedlings (Triticum aestivum) Tj ETQq1 1 0.784314 rgBT /Ov	3.6	95
2	Uptake, translocation and biotransformation of selenium nanoparticles in rice seedlings (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	9.1	61
3	Induced systemic resistance and growth promotion in tomato by an indoleâ€3â€acetic acidâ€producing strain of Paenibacillus polymyxa. Annals of Applied Biology, 2014, 165, 270-279.	2.5	52
4	Selenium Biofortification and Antioxidant Activity in Cordyceps militaris Supplied with Selenate, Selenite, or Selenomethionine. Biological Trace Element Research, 2019, 187, 553-561.	3.5	44
5	Investigation of photosynthate-C allocation 27Âdays after 13C-pulse labeling of Zea mays L. at different growth stages. Plant and Soil, 2013, 373, 755-764.	3.7	36
6	Disruption of Gene pqqA or pqqB Reduces Plant Growth Promotion Activity and Biocontrol of Crown Gall Disease by Rahnella aquatilis HX2. PLoS ONE, 2014, 9, e115010.	2.5	35
7	Draft Genome Sequence of Rahnella aquatilis Strain HX2, a Plant Growth-Promoting Rhizobacterium Isolated from Vineyard Soil in Beijing, China. Journal of Bacteriology, 2012, 194, 6646-6647.	2.2	33
8	Selenium biofortification in Hericium erinaceus (Lionâ€™s Mane mushroom) and its in vitro bioaccessibility. Food Chemistry, 2020, 331, 127287.	8.2	33
9	Selenium biofortification and its effect on multi-element change in Auricularia auricular. Food Chemistry, 2019, 295, 206-213.	8.2	28
10	Biosynthesis of selenium nanoparticles and effects of selenite, selenate, and selenomethionine on cell growth and morphology in Rahnella aquatilis HX2. Applied Microbiology and Biotechnology, 2018, 102, 6191-6205.	3.6	23
11	Determination of Selenium Species in Cordyceps militaris by High-performance Liquid Chromatography Coupled to Hydride Generation Atomic Fluorescence Spectrometry. Analytical Letters, 2018, 51, 2316-2330.	1.8	19
12	Disruption of acdS gene reduces plant growth promotion activity and maize saline stress resistance by Rahnella aquatilis HX2. Journal of Basic Microbiology, 2019, 59, 402-411.	3.3	18
13	Highly stable selenium nanoparticles: Assembly and stabilization via flagellin FliC and porin OmpF in Rahnella aquatilis HX2. Journal of Hazardous Materials, 2021, 414, 125545.	12.4	18
14	Identification ofatpDas an optimal reference gene to explore antibiotic resistance and stress tolerance inRahnella aquatilis. Journal of Applied Microbiology, 2019, 126, 1096-1107.	3.1	14
15	Selenium enriched Hypsizygus marmoreus, a potential food supplement with improved Se bioavailability. LWT - Food Science and Technology, 2021, 140, 110819.	5.2	14
16	Shifts in Abundance and Diversity of Soil Ammonia-Oxidizing Bacteria and Archaea Associated with Land Restoration in a Semi-Arid Ecosystem. PLoS ONE, 2015, 10, e0132879.	2.5	10
17	Suppression of Rhizopus fruit rot by volatile organic compounds produced by Paenibacillus polymyxa CF05. Biocontrol Science and Technology, 2020, 30, 1351-1364.	1.3	9
18	Characterisation of Pseudomonas chlororaphis subsp. aurantiaca strain Pa40 with the ability to control wheat sharp eyespot disease. Annals of Applied Biology, 2013, 163, 444-453.	2.5	8

#	Article	IF	Citations
19	The small RNA chaperone Hfq is a critical regulator for bacterial biosynthesis of selenium nanoparticles and motility in Rahnella aquatilis. Applied Microbiology and Biotechnology, 2020, 104, 1721-1735.	3.6	8
20	Determination of Selenium in Common and Selenium-Rich Rice from Different Areas in China and Assessment of Their Dietary Intake. International Journal of Environmental Research and Public Health, 2020, 17, 4596.	2.6	7
21	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. Journal of Soils and Sediments, 2016, 16, 243-254.	3.0	6
22	Sunflower resistance against Sclerotinia sclerotiorum is potentiated by selenium through regulation of redox homeostasis and hormones signaling pathways. Environmental Science and Pollution Research, 2022, , 1.	5.3	6
23	A Platingâ€PCR Technique for Detection and Quantification of the Biological Control Agent Agrobacterium vitis Strain E26 in Soil under Controlled Conditions. Journal of Phytopathology, 2012, 160, 496-499.	1.0	2
24	CsrB, a noncoding regulatory RNA, is required for BarA-dependent expression of biocontrol traits in Rahnella aquatilis HX2. PLoS ONE, 2017, 12, e0187492.	2.5	2