

Zhen-Jun Sun

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

983
citations

516215

16
h-index

433756

31
g-index

39
all docs

39
docs citations

39
times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	Biohydrogen production from cattle wastewater by enriched anaerobic mixed consortia: Influence of fermentation temperature and pH. <i>Journal of Bioscience and Bioengineering</i> , 2008, 106, 80-87.	1.1	137
2	Organic amendment application influence soil organism abundance in saline alkali soil. <i>European Journal of Soil Biology</i> , 2013, 54, 32-40.	1.4	87
3	The developmental toxicity of 1-methyl-3-octylimidazolium bromide on <i>Daphnia magna</i> . <i>Environmental Toxicology</i> , 2008, 23, 736-744.	2.1	61
4	The toxic effects of ionic liquids on the activities of acetylcholinesterase and cellulase in earthworms. <i>Chemosphere</i> , 2009, 77, 313-318.	4.2	60
5	Toxic effects of enrofloxacin on growth rate and catalase activity in <i>Eisenia fetida</i> . <i>Environmental Toxicology and Pharmacology</i> , 2008, 26, 177-180.	2.0	53
6	Purification of a Novel Antibacterial Short Peptide in Earthworm <i>Eisenia foetida</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 297-302.	0.9	46
7	Responses of Saline Soil Properties and Cotton Growth to Different Organic Amendments. <i>Pedosphere</i> , 2018, 28, 521-529.	2.1	39
8	Growth and stress responses of the earthworm <i>Eisenia fetida</i> to <i>Escherichia coli</i> O157:H7 in an artificial soil. <i>Microbial Pathogenesis</i> , 2009, 46, 266-272.	1.3	38
9	Toxicity of ionic liquids on the growth, reproductive ability, and ATPase activity of earthworm. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1046-1050.	2.9	35
10	Molecular toxicity of earthworms induced by cadmium contaminated soil and biomarkers screening. <i>Journal of Environmental Sciences</i> , 2012, 24, 1504-1510.	3.2	33
11	Analysis of earthworm <i>Eisenia fetida</i> proteomes during cadmium exposure: An ecotoxicoproteomics approach. <i>Proteomics</i> , 2010, 10, 4476-4490.	1.3	32
12	Comparative Proteomic Analysis of Differentially Expressed Proteins in the Earthworm <i>Eisenia fetida</i> during <i>Escherichia coli</i> O157:H7 Stress. <i>Journal of Proteome Research</i> , 2010, 9, 6547-6560.	1.8	32
13	A novel antimicrobial vermipeptide family from earthworm <i>Eisenia fetida</i> . <i>European Journal of Soil Biology</i> , 2007, 43, S127-S134.	1.4	30
14	Phenolic acids in the plow layer soil of strawberry fields and their effects on the occurrence of strawberry anthracnose. <i>European Journal of Plant Pathology</i> , 2015, 143, 581-594.	0.8	29
15	Vermipharmaceuticals and active proteins isolated from earthworms. <i>Pedobiologia</i> , 2011, 54, S49-S56.	0.5	27
16	Reproductive responses of the earthworm (<i>Eisenia fetida</i>) to antiparasitic albendazole exposure. <i>Chemosphere</i> , 2015, 120, 1-7.	4.2	18
17	High concentration of ferulic acid in rhizosphere soil accounts for the occurrence of <i>Fusarium</i> wilt during the seedling stages of strawberry plants. <i>Physiological and Molecular Plant Pathology</i> , 2019, 108, 101435.	1.3	17
18	Toxic effects of albendazole on adenosine triphosphatase activity and ultrastructure in <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 378-384.	2.9	16

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19	Earthworm polysaccharide and its antibacterial function on plant-pathogen microbes in vitro. <i>European Journal of Soil Biology</i> , 2007, 43, S135-S142.	1.4	15
20	Protein extraction from the earthworm <i>Eisenia fetida</i> for 2D-DE. <i>Proteomics</i> , 2010, 10, 1095-1099.	1.3	14
21	Biodiversity in Saline and Non-Saline Soils Along the Bohai Sea Coast, China. <i>Pedosphere</i> , 2015, 25, 307-315.	2.1	14
22	Application of leaves to induce earthworms to reduce phenolic compounds released by decomposing plants. <i>European Journal of Soil Biology</i> , 2016, 75, 31-37.	1.4	13
23	Effect of albendazole anthelmintics on the enzyme activities of different tissue regions in <i>Eisenia fetida</i> . <i>European Journal of Soil Biology</i> , 2007, 43, S246-S251.	1.4	12
24	An integrated crop-vermiculture system for treating organic waste on fields. <i>European Journal of Soil Biology</i> , 2012, 51, 8-14.	1.4	12
25	Toxic effect of olaquinox antibiotic on <i>Eisenia fetida</i> . <i>European Journal of Soil Biology</i> , 2007, 43, S252-S255.	1.4	11
26	Function of mucilaginous secretions in the antibacterial immunity system of <i>Eisenia fetida</i> . <i>Pedobiologia</i> , 2011, 54, S57-S62.	0.5	11
27	Gene expression responses in different regions of <i>Eisenia fetida</i> with antiparasitic albendazole exposure. <i>Ecotoxicology and Environmental Safety</i> , 2013, 89, 239-244.	2.9	11
28	Combined subacute toxicity of copper and antiparasitic albendazole to the earthworm (<i>Eisenia fetida</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 4387-4396.	2.7	11
29	Effects of Epigeic Earthworms on Decomposition of Wheat Straw and Nutrient Cycling in Agricultural Soils in a Reclaimed Salinity Area: A Microcosm Study. <i>Pedosphere</i> , 2012, 22, 726-735.	2.1	10
30	Differential effects of two earthworm species on Fusarium wilt of strawberry. <i>Applied Soil Ecology</i> , 2018, 126, 174-181.	2.1	10
31	Differential expression of genes in the earthworm <i>Eisenia fetida</i> following exposure to <i>Escherichia coli</i> O157:H7. <i>Developmental and Comparative Immunology</i> , 2011, 35, 525-529.	1.0	8
32	iTRAQ-based quantitative proteomic analysis of the earthworm <i>Eisenia fetida</i> response to <i>Escherichia coli</i> O157:H7. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 60-66.	2.9	8
33	Characterization of genes expressed in response to cadmium exposure in the earthworm <i>Eisenia fetida</i> using DDRT-PCR. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1214-1220.	2.9	7
34	Species abundance and zoogeographic affinities of Chinese terrestrial earthworms. <i>European Journal of Soil Biology</i> , 2007, 43, S33-S38.	1.4	6
35	<i>Amyntas corticis</i> genome reveals molecular mechanisms behind global distribution. <i>Communications Biology</i> , 2021, 4, 135.	2.0	6
36	Effects of fragmentation on genetic variation in populations of the terrestrial earthworm <i>Drawida japonica</i> (Oligochaeta, Moniligastridae) in Shandong and Liaodong peninsulas, China. <i>Journal of Natural History</i> , 2012, 46, 1387-1405.	0.2	5

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37	PCR-DGGE analysis of earthworm gut bacteria diversity in stress of <i>Escherichia coli</i> O157:H7. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2013, 04, 437-441.	0.3	5
38	Eco-restoration engineering and techniques in the Muyu reservoir watershed in Shandong, People's Republic of China. <i>Ecological Engineering</i> , 1998, 11, 209-219.	1.6	3
39	Earthworms in soil ecology and organic waste management. <i>Pedosphere</i> , 2021, 31, 373-374.	2.1	1