Zhen-Jun Sun

List of Publications by Year
in descending order

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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	Earthworms in soil ecology and organic waste management. Pedosphere, 2021, 31, 373-374.	2.1	1
2	Amynthas corticis genome reveals molecular mechanisms behind global distribution. Communications Biology, 2021, 4, 135.	2.0	6
3	High concentration of ferulic acid in rhizosphere soil accounts for the occurrence of Fusarium wilt during the seedling stages of strawberry plants. Physiological and Molecular Plant Pathology, 2019, 108, 101435.	1.3	17
4	Differential effects of two earthworm species on Fusarium wilt of strawberry. Applied Soil Ecology, 2018, 126, 174-181.	2.1	10
5	Responses of Saline Soil Properties and Cotton Growth to Different Organic Amendments. Pedosphere, 2018, 28, 521-529.	2.1	39
6	iTRAQ-based quantitative proteomic analysis of the earthworm Eisenia fetida response to Escherichia coli O157:H7. Ecotoxicology and Environmental Safety, 2018, 160, 60-66.	2.9	8
7	Combined subacute toxicity of copper and antiparasitic albendazole to the earthworm (Eisenia fetida). Environmental Science and Pollution Research, 2016, 23, 4387-4396.	2.7	11
8	Application of leaves to induce earthworms to reduce phenolic compounds released by decomposing plants. European Journal of Soil Biology, 2016, 75, 31-37.	1.4	13
9	Biodiversity in Saline and Non-Saline Soils Along the Bohai Sea Coast, China. Pedosphere, 2015, 25, 307-315.	2.1	14
10	Phenolic acids in the plow layer soil of strawberry fields and their effects on the occurrence of strawberry anthracnose. European Journal of Plant Pathology, 2015, 143, 581-594.	0.8	29
11	Reproductive responses of the earthworm (Eisenia fetida) to antiparasitic albendazole exposure. Chemosphere, 2015, 120, 1-7.	4.2	18
12	Gene expression responses in different regions of Eisenia fetida with antiparasitic albendazole exposure. Ecotoxicology and Environmental Safety, 2013, 89, 239-244.	2.9	11
13	Organic amendment application influence soil organism abundance in saline alkali soil. European Journal of Soil Biology, 2013, 54, 32-40.	1.4	87
14	PCR-DGGE analysis of earthworm gut bacteria diversity in stress of <i>Escherichia coli</i> O157:H7. Advances in Bioscience and Biotechnology (Print), 2013, 04, 437-441.	0.3	5
15	Effects of fragmentation on genetic variation in populations of the terrestrial earthwormDrawida japonicaMichaelsen, 1892 (Oligochaeta, Moniligastridae) in Shandong and Liaodong peninsulas, China. Journal of Natural History, 2012, 46, 1387-1405.	0.2	5
16	An integrated crop-vermiculture system for treating organic waste on fields. European Journal of Soil Biology, 2012, 51, 8-14.	1.4	12
17	Molecular toxicity of earthworms induced by cadmium contaminated soil and biomarkers screening. Journal of Environmental Sciences, 2012, 24, 1504-1510.	3.2	33
18	Effects of Epigeic Earthworms on Decomposition of Wheat Straw and Nutrient Cycling in Agricultural Soils in a Reclaimed Salinity Area: A Microcosm Study. Pedosphere, 2012, 22, 726-735.	2.1	10

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19	Differential expression of genes in the earthworm Eisenia fetida following exposure to Escherichia coli O157:H7. Developmental and Comparative Immunology, 2011, 35, 525-529.	1.0	8
20	Function of mucilaginous secretions in the antibacterial immunity system of Eisenia fetida. Pedobiologia, 2011, 54, S57-S62.	0.5	11
21	Vermipharmaceuticals and active proteins isolated from earthworms. Pedobiologia, 2011, 54, S49-S56.	0.5	27
22	Protein extraction from the earthworm Eisenia fetida for 2â€ÐE. Proteomics, 2010, 10, 1095-1099.	1.3	14
23	Analysis of earthworm Eisenia fetida proteomes during cadmium exposure: An ecotoxicoproteomics approach. Proteomics, 2010, 10, 4476-4490.	1.3	32
24	Comparative Proteomic Analysis of Differentially Expressed Proteins in the Earthworm Eisenia fetida during Escherichia coli O157:H7 Stress. Journal of Proteome Research, 2010, 9, 6547-6560.	1.8	32
25	Toxicity of ionic liquids on the growth, reproductive ability, and ATPase activity of earthworm. Ecotoxicology and Environmental Safety, 2010, 73, 1046-1050.	2.9	35
26	Characterization of genes expressed in response to cadmium exposure in the earthworm Eisenia fetida using DDRT-PCR. Ecotoxicology and Environmental Safety, 2010, 73, 1214-1220.	2.9	7
27	The toxic effects of ionic liquids on the activities of acetylcholinesterase and cellulase in earthworms. Chemosphere, 2009, 77, 313-318.	4.2	60
28	Growth and stress responses of the earthworm Eisenia fetida to Escherichia coli O157:H7 in an artificial soil. Microbial Pathogenesis, 2009, 46, 266-272.	1.3	38
29	The developmental toxicity of 1â€methylâ€3â€octylimidazolium bromide on Daphnia magna. Environmental Toxicology, 2008, 23, 736-744.	2.1	61
30	Toxic effects of enrofloxacin on growth rate and catalase activity in Eisenia fetida. Environmental Toxicology and Pharmacology, 2008, 26, 177-180.	2.0	53
31	Biohydrogen production from cattle wastewater by enriched anaerobic mixed consortia: Influence of fermentation temperature and pH. Journal of Bioscience and Bioengineering, 2008, 106, 80-87.	1.1	137
32	Toxic effects of albendazole on adenosine triphosphatase activity and ultrastructure in Eisenia fetida. Ecotoxicology and Environmental Safety, 2007, 67, 378-384.	2.9	16
33	Earthworm polysaccharide and its antibacterial function on plant-pathogen microbes in vitro. European Journal of Soil Biology, 2007, 43, S135-S142.	1.4	15
34	Species abundance and zoogeographic affinities of Chinese terrestrial earthworms. European Journal of Soil Biology, 2007, 43, S33-S38.	1.4	6
35	Effect of albendazole anthelmintics on the enzyme activities of different tissue regions in Eisenia fetida. European Journal of Soil Biology, 2007, 43, S246-S251.	1.4	12
36	Toxic effect of olaquindox antibiotic on Eisenia fetida. European Journal of Soil Biology, 2007, 43, S252-S255.	1.4	11

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37	A novel antimicrobial vermipeptide family from earthworm Eisenia fetida. European Journal of Soil Biology, 2007, 43, S127-S134.	1.4	30
38	Purification of a Novel Antibacterial Short Peptide in Earthworm <italic>Eisenia foetida</italic>. Acta Biochimica Et Biophysica Sinica, 2004, 36, 297-302.	0.9	46
39	Eco-restoration engineering and techniques in the Muyu reservoir watershed in Shandong, Peopleâ€™s Republic of China. Ecological Engineering, 1998, 11, 209-219.	1.6	3