

Dongxing Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

263
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the earthworm (<i>Eisenia fetida</i>) microbial community in vitro and in vivo under tetracycline stress. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113214.	6.0	2
2	Evaluation of the toxicity effects of microplastics and cadmium on earthworms. <i>Science of the Total Environment</i> , 2022, 836, 155747.	8.0	19
3	The relationship between the oxidative stress reaction and the microbial community by a combinative method of PA and CCA. <i>Science of the Total Environment</i> , 2021, 763, 143042.	8.0	5
4	Study on the regulatory mechanism of the earthworm microbial community in vitro and in vivo under cadmium stress. <i>Environmental Pollution</i> , 2021, 279, 116891.	7.5	17
5	Study of cadmium (Cd)-induced oxidative stress in <i>Eisenia fetida</i> based on mathematical modelling. <i>Pedosphere</i> , 2021, 31, 460-470.	4.0	3
6	Comparison of adsorption behavior studies of Cd ²⁺ by vermicompost biochar and KMnO ₄ -modified vermicompost biochar. <i>Journal of Environmental Management</i> , 2020, 256, 109959.	7.8	60
7	Study on the regulation of earthworm physiological function under cadmium stress based on a compound mathematical model. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103499.	4.0	7
8	Temporal dynamics of earthworm (<i>Eisenia fetida</i>) microbial communities after cadmium stress based on a compound mathematical model. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16326-16338.	5.3	8
9	Effects of tetracycline on the relationship between the microbial community and oxidative stress in earthworms based on canonical correlation analysis. <i>Environmental Toxicology and Pharmacology</i> , 2020, 76, 103342.	4.0	7
10	Effects of vermicomposting on the main chemical properties and bioavailability of Cd/Zn in pure sludge. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20949-20960.	5.3	13
11	Study on the microbial community in earthworm and soil under cadmium stress based on contour line analysis. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20989-21000.	5.3	14
12	Correlation of the oxidative stress indices and Cd exposure using a mathematical model in the earthworm, <i>Eisenia fetida</i> . <i>Chemosphere</i> , 2019, 216, 157-167.	8.2	16
13	Evaluation of optimal straw incorporation characteristics based on quadratic orthogonal rotation combination design. <i>Journal of Agricultural Science</i> , 2018, 156, 367-377.	1.3	7
14	Study on the influential biochemical indices of Cd(II) on <i>Eisenia fetida</i> in oxidative stress by principal component analysis in the natural soil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4268-4278.	5.3	11
15	Estimation of the Effects of Maize Straw Return on Soil Carbon and Nutrients Using Response Surface Methodology. <i>Pedosphere</i> , 2018, 28, 411-421.	4.0	13
16	Screening indices for cadmium-contaminated soil using earthworm as bioindicator. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32358-32372.	5.3	10
17	Study on the influential factors of Cd ²⁺ on the earthworm <i>Eisenia fetida</i> in oxidative stress based on factor analysis approach. <i>Chemosphere</i> , 2016, 157, 181-189.	8.2	35
18	Effects of oxidative stress reaction for the <i>Eisenia fetida</i> with exposure in Cd ²⁺ . <i>Environmental Science and Pollution Research</i> , 2016, 23, 21883-21893.	5.3	13

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19	Utilization of Livestock's Dejection as Biogas Origin in Building New Countryside in Heilongjiang Province—Developing Utilization of Biogas and Promoting Energy-saving and Emission Reduction. The Journal of Northeast Agricultural University, 2011, 18, 91-96.	0.1	3