

Qingming Zhang

List of Publications by Year in descending order

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42
papers

2,238
citations

257450

24
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265206

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times ranked

2637
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behavior of catechol, resorcinol and hydroquinone at graphene@chitosan composite film modified glassy carbon electrode and their simultaneous determination in water samples. <i>Electrochimica Acta</i> , 2011, 56, 2748-2753.	5.2	367
2	Impact of root system architecture on rhizosphere and root microbiome. <i>Rhizosphere</i> , 2018, 6, 47-51.	3.0	213
3	DNA damage and oxidative stress induced by endosulfan exposure in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology</i> , 2012, 21, 1533-1540.	2.4	146
4	Oxidative stress and lipid peroxidation in the earthworm <i>Eisenia fetida</i> induced by low doses of fomesafen. <i>Environmental Science and Pollution Research</i> , 2013, 20, 201-208.	5.3	122
5	Effects of fomesafen on soil enzyme activity, microbial population, and bacterial community composition. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2801-2812.	2.7	88
6	Individual and combined effects of tebuconazole and carbendazim on soil microbial activity. <i>European Journal of Soil Biology</i> , 2016, 72, 6-13.	3.2	78
7	Soil-applied biochar increases microbial diversity and wheat plant performance under herbicide fomesafen stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 75-83.	6.0	78
8	Effects of biochar on the earthworm (<i>Eisenia foetida</i>) in soil contaminated with and/or without pesticide mesotrione. <i>Science of the Total Environment</i> , 2019, 671, 52-58.	8.0	76
9	Ecotoxicological effects on the earthworm <i>Eisenia fetida</i> following exposure to soil contaminated with imidacloprid. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12345-12353.	5.3	75
10	Bacterial compatibility and immobilization with biochar improved tebuconazole degradation, soil microbiome composition and functioning. <i>Journal of Hazardous Materials</i> , 2020, 398, 122941.	12.4	71
11	<i>Streptomyces rochei</i> A-1 induces resistance and defense-related responses against <i>Botryosphaeria dothidea</i> in apple fruit during storage. <i>Postharvest Biology and Technology</i> , 2016, 115, 30-37.	6.0	70
12	Eco-friendly and acid-resistant magnetic porous carbon derived from ZIF-67 and corn stalk waste for effective removal of imidacloprid and thiamethoxam from water. <i>Chemical Engineering Journal</i> , 2022, 430, 132999.	12.7	69
13	Toxicological effects of soil contaminated with spirotetramat to the earthworm <i>Eisenia fetida</i> . <i>Chemosphere</i> , 2015, 139, 138-145.	8.2	67
14	Continuous Cropping Alters Multiple Biotic and Abiotic Indicators of Soil Health. <i>Soil Systems</i> , 2020, 4, 59.	2.6	63
15	Salicylic acid confers enhanced resistance to <i>Glomerella</i> leaf spot in apple. <i>Plant Physiology and Biochemistry</i> , 2016, 106, 64-72.	5.8	62
16	Root microbiome changes with root branching order and root chemistry in peach rhizosphere soil. <i>Rhizosphere</i> , 2020, 16, 100249.	3.0	55
17	Probiotic strain <i>Stenotrophomonas acidaminiphila</i> BJ1 degrades and reduces chlorothalonil toxicity to soil enzymes, microbial communities and plant roots. <i>AMB Express</i> , 2017, 7, 227.	3.0	50
18	Cover crop diversity improves multiple soil properties via altering root architectural traits. <i>Rhizosphere</i> , 2020, 16, 100248.	3.0	49

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19	Toxicological effects of dimethomorph on soil enzymatic activity and soil earthworm (<i>Eisenia fetida</i>). <i>Chemosphere</i> , 2017, 169, 316-323.	8.2	44
20	Individual and combined effects of herbicide tribenuron-methyl and fungicide tebuconazole on soil earthworm <i>Eisenia fetida</i> . <i>Scientific Reports</i> , 2018, 8, 2967.	3.3	44
21	Toxins Produced by <i>Valsa mali</i> var. <i>mali</i> and Their Relationship with Pathogenicity. <i>Toxins</i> , 2014, 6, 1139-1154.	3.4	41
22	Oxidative stress and DNA damage in common carp (<i>Cyprinus carpio</i>) exposed to the herbicide mesotrione. <i>Chemosphere</i> , 2018, 193, 1080-1086.	8.2	41
23	Biochemical response, histopathological change and DNA damage in earthworm (<i>Eisenia fetida</i>) exposed to sulfentrazone herbicide. <i>Ecological Indicators</i> , 2020, 115, 106465.	6.3	41
24	Exogenous salicylic acid alleviates the toxicity of chlorpyrifos in wheat plants (<i>Triticum aestivum</i>). <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 218-224.	6.0	40
25	Comparative toxicity of nonylphenol, nonylphenol-4-ethoxylate and nonylphenol-10-ethoxylate to wheat seedlings (<i>Triticum aestivum</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 7-13.	6.0	23
26	Electrochemical biosensors for polynucleotide kinase activity assay and inhibition screening based on phosphorylation reaction triggered by exonuclease and exonuclease I cleavage. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 151-157.	7.8	23
27	Impacts of nitrogen and phosphorus on atrazine-contaminated soil remediation and detoxification by <i>Arthrobacter</i> sp. strain HB-5. <i>Environmental Earth Sciences</i> , 2014, 71, 1465-1471.	2.7	21
28	The fungicide <i>azoxystrobin</i> promotes pepper growth by increasing the abundance of P-solubilizing and N-fixing bacteria. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109947.	6.0	16
29	Effects of imidacloprid on soil microbial communities in different saline soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19667-19675.	5.3	15
30	Biochar and earthworms synergistically improve soil structure, microbial abundance, activities and pyraclostrobin degradation. <i>Applied Soil Ecology</i> , 2021, 168, 104154.	4.3	13
31	Enhancement of atrazine degradation by crude and immobilized enzymes in two agricultural soils. <i>Environmental Earth Sciences</i> , 2011, 64, 861-867.	2.7	11
32	Induction of Resistance Mediated by an Attenuated Strain of <i>Valsa mali</i> var. <i>mali</i> Using Pathogen-Apple Callus Interaction System. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	10
33	Degradation and adsorption of tebuconazole and tribenuron-methyl in wheat soil, alone and in combination. <i>Chilean Journal of Agricultural Research</i> , 2017, 77, 281-286.	1.1	10
34	An electrochemical biosensor for the activity assay of polynucleotide kinase and inhibitor screening. <i>Analytical Methods</i> , 2015, 7, 9984-9991.	2.7	8
35	Ecotoxicity of herbicide carfentrazone-ethyl towards earthworm <i>Eisenia fetida</i> in soil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 253, 109250.	2.6	8
36	Biotransformation of chlorothalonil by strain <i>Stenotrophomonas acidaminiphila</i> BJ1 isolated from farmland soil. <i>Royal Society Open Science</i> , 2019, 6, 190562.	2.4	7

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37	Effects of corn stalk biochar and pyrolysis temperature on wheat seedlings growth and soil properties stressed by herbicide sulfentrazone. <i>Environmental Technology and Innovation</i> , 2022, 25, 102208.	6.1	6
38	First Report of <i>Diaporthe eres</i> Causing Twig Canker on <i>Zizyphus jujuba</i> (Jujube) in China. <i>Plant Disease</i> , 2018, 102, 1458-1458.	1.4	5
39	Effect of fomesafen on glutathione S-transferase and cellulase activity and DNA damage in the earthworm (<i>Eisenia fetida</i>). <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 1384-1393.	1.2	4
40	First Report of Shoot Canker on Chestnut Caused by <i>Diaporthe nobilis</i> in Shandong Province of China. <i>Plant Disease</i> , 2018, 102, 2376.	1.4	4
41	First Report of Shoot Dieback on Apple Caused by <i>Diaporthe nobilis</i> in China. <i>Plant Disease</i> , 2020, 104, 991.	1.4	2
42	Rhizobacterial, Fusarium Complex, and Fungicide Seed Treatments Regulate Shoot and Root Traits of Soybean Plants. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3502-3513.	3.4	2