

Wendan Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

783
citations

516215

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676716

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22
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22
docs citations

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times ranked

946
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Responses of microbial community composition and function to biochar and irrigation management and the linkage to Cr transformation in paddy soil. <i>Environmental Pollution</i> , 2022, 304, 119232. | 3.7 | 17 |
| 2 | Multi-Component Passivators Regulate Heavy Metal Accumulation in Paddy Soil and Rice: A Three-Site Field Experiment in South China. <i>Toxics</i> , 2022, 10, 259. | 1.6 | 2 |
| 3 | Combined effects of rice straw-derived biochar and water management on transformation of chromium and its uptake by rice in contaminated soils. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111506. | 2.9 | 26 |
| 4 | Continuous flooding stimulates root iron plaque formation and reduces chromium accumulation in rice (<i>Oryza sativa</i> L.). <i>Science of the Total Environment</i> , 2021, 788, 147786. | 3.9 | 22 |
| 5 | The effect of sepiolite application on rice Cd uptake – A two-year field study in Southern China. <i>Journal of Environmental Management</i> , 2020, 254, 109788. | 3.8 | 25 |
| 6 | Evaluation of cadmium (Cd) transfer from paddy soil to rice (<i>Oryza sativa</i> L.) using DGT in comparison with conventional chemical methods: derivation of models to predict Cd accumulation in rice grains. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14953-14962. | 2.7 | 12 |
| 7 | Evaluation of cadmium transfer from soil to leafy vegetables: Influencing factors, transfer models, and indication of soil threshold contents. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 355-362. | 2.9 | 51 |
| 8 | Enhancement of Cd phytoextraction by hyperaccumulator <i>Sedum alfredii</i> using electrical field and organic amendments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5060-5067. | 2.7 | 31 |
| 9 | Isolation and characterization of chromium(VI)-reducing <i>Bacillus</i> sp. FY1 and <i>Arthrobacter</i> sp. WZ2 and their bioremediation potential. <i>Bioremediation Journal</i> , 2017, 21, 100-108. | 1.0 | 38 |
| 10 | Effects of organic substances on struvite crystallization and recovery. <i>Desalination and Water Treatment</i> , 2016, 57, 10924-10933. | 1.0 | 20 |
| 11 | Assessment of heavy metal pollution in vegetables and relationships with soil heavy metal distribution in Zhejiang province, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 378. | 1.3 | 62 |
| 12 | Effects of alternating wetting and drying versus continuous flooding on chromium fate in paddy soils. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 439-445. | 2.9 | 52 |
| 13 | Elevated Carbon Dioxide Induces Stomatal Closure of <i>Arabidopsis thaliana</i> (L.) Heynh. Through an Increased Production of Nitric Oxide. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 372-380. | 2.8 | 10 |
| 14 | Responses to cadmium stress in two tomato genotypes differing in heavy metal accumulation. <i>Turkish Journal of Botany</i> , 2015, 39, 615-624. | 0.5 | 14 |
| 15 | Phytoavailability of Cadmium (Cd) to Pak Choi (<i>Brassica chinensis</i> L.) Grown in Chinese Soils: A Model to Evaluate the Impact of Soil Cd Pollution on Potential Dietary Toxicity. <i>PLoS ONE</i> , 2014, 9, e111461. | 1.1 | 49 |
| 16 | Cadmium phytoavailability to rice (<i>Oryza sativa</i> L.) grown in representative Chinese soils. A model to improve soil environmental quality guidelines for food safety. <i>Ecotoxicology and Environmental Safety</i> , 2014, 103, 101-107. | 2.9 | 147 |
| 17 | Chromium-Resistant Bacteria Promote the Reduction of Hexavalent Chromium in Soils. <i>Journal of Environmental Quality</i> , 2014, 43, 507-516. | 1.0 | 14 |
| 18 | Nitric oxide enhances development of lateral roots in tomato (<i>Solanum lycopersicum</i> L.) under elevated carbon dioxide. <i>Planta</i> , 2013, 237, 137-144. | 1.6 | 37 |

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|----|--|-----|-----------|
| 19 | Bioremediation of Cd and carbendazim co-contaminated soil by Cd-hyperaccumulator <i>Sedum alfredii</i> associated with carbendazim-degrading bacterial strains. <i>Environmental Science and Pollution Research</i> , 2013, 20, 380-389. | 2.7 | 65 |
| 20 | Model for Evaluation of the Phytoavailability of Chromium (Cr) to Rice (<i>Oryza sativa</i> L.) in Representative Chinese Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2925-2932. | 2.4 | 23 |
| 21 | Accumulation of Chromium in Pak Choi (<i>Brassica chinensis</i> L.) Grown on Representative Chinese Soils. <i>Journal of Environmental Quality</i> , 2013, 42, 758-765. | 1.0 | 15 |
| 22 | Reduction Kinetics of Hexavalent Chromium in Soils and Its Correlation with Soil Properties. <i>Journal of Environmental Quality</i> , 2012, 41, 1452-1458. | 1.0 | 51 |