

Rui Zhou

List of Publications by Year in descending order

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15
papers

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1040056

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docs citations

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462
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#	ARTICLE	IF	CITATIONS
1	Role of abscisic acid in modulating drought acclimation, agronomic characteristics and oxalyl-L-Asp, diaminopropionic acid (ODAP) accumulation in grass pea (<i>Lathyrus sativus</i> L.). <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2553-2562.	3.5	5
2	Biocrust as a nature-based strategy (NbS) to restore the functionality of degraded soils in semiarid rainfed alfalfa (<i>Medicago sativa</i> L.) field. <i>Journal of Cleaner Production</i> , 2022, 336, 130378.	9.3	6
3	Environmental risk of multi-year polythene film mulching and its green solution in arid irrigation region. <i>Journal of Hazardous Materials</i> , 2022, 435, 128981.	12.4	64
4	Soil labile organic carbon sequestration is tightly correlated with the abundance and diversity of arbuscular mycorrhizal fungi in semiarid maize fields. <i>Land Degradation and Development</i> , 2021, 32, 1224-1236.	3.9	32
5	Sustainability Evaluation on the Grain to Green Program in the Hexi Corridor of China: A Metacoupled System Perspective. <i>Sustainability</i> , 2021, 13, 1498.	3.2	6
6	Responses of rainfed wheat productivity to varying ridge-furrow size and ratio in semiarid eastern African Plateau. <i>Agricultural Water Management</i> , 2021, 249, 106813.	5.6	13
7	Labor force transfer, vegetation restoration and ecosystem service in the Qilian Mountains. <i>Journal of Environmental Management</i> , 2021, 288, 112387.	7.8	16
8	Soil water balance dynamics under plastic mulching in dryland rainfed agroecosystem across the Loess Plateau. <i>Agriculture, Ecosystems and Environment</i> , 2021, 312, 107354.	5.3	21
9	Effects of increased plastic film residues on soil properties and crop productivity in agro-ecosystem. <i>Journal of Hazardous Materials</i> , 2021, 414, 125521.	12.4	71
10	Fate of plastic film residues in agro-ecosystem and its effects on aggregate-associated soil carbon and nitrogen stocks. <i>Journal of Hazardous Materials</i> , 2021, 416, 125954.	12.4	76
11	Comparison of the canopy and soil seed banks of <i>Pinus yunnanensis</i> in central Yunnan, China. <i>Forest Ecology and Management</i> , 2019, 437, 41-48.	3.2	13
12	Identifying long-term stable refugia for relict plant species in East Asia. <i>Nature Communications</i> , 2018, 9, 4488.	12.8	149
13	Need to link river management with estuarine wetland conservation: A case study in the Yellow River Delta, China. <i>Ocean and Coastal Management</i> , 2017, 146, 43-49.	4.4	18
14	The role of fire in the Central Yunnan Plateau ecosystem, southwestern China. <i>Forest Ecology and Management</i> , 2015, 356, 22-30.	3.2	31
15	The Influence of Landscape Features on Road Development in a Loess Region, China. <i>Environmental Management</i> , 2011, 48, 774-780.	2.7	3