

Can Chen

List of Publications by Year in descending order

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15
papers

291
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	The crucial factors of soil fertility and rapeseed yield - A five year field trial with biochar addition in upland red soil, China. <i>Science of the Total Environment</i> , 2019, 649, 1467-1480.	8.0	85
2	Effects of wheat straw derived biochar on cadmium availability in a paddy soil and its accumulation in rice. <i>Environmental Pollution</i> , 2020, 257, 113592.	7.5	66
3	Impact of flue gas desulfurization gypsum and lignite humic acid application on soil organic matter and physical properties of a saline-sodic farmland soil in Eastern China. <i>Journal of Soils and Sediments</i> , 2016, 16, 2175-2185.	3.0	35
4	Biochar impact on nitrate leaching in upland red soil, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	20
5	Persistent effects of biochar on soil organic carbon mineralization and resistant carbon pool in upland red soil, China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	20
6	Simulation of Nitrous Oxide Emission and Mineralized Nitrogen under Different Straw Retention Conditions Using a Denitrification-Decomposition Model. <i>Clean - Soil, Air, Water</i> , 2015, 43, 577-583.	1.1	17
7	Dynamics of soil available phosphorus and its impact factors under simulated climate change in typical farmland of Taihu Lake region, China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 88.	2.7	14
8	Impact of bio-organic fertilizer and reduced chemical fertilizer application on physical and hydraulic properties of cucumber continuous cropping soil. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 921-930.	4.6	9
9	Impact of biochar on red paddy soil physical and hydraulic properties and rice yield over 3 years. <i>Journal of Soils and Sediments</i> , 2022, 22, 607-616.	3.0	7
10	Cadmium transport in red paddy soils amended with wheat straw biochar. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 381.	2.7	5
11	Application of the Denitrification-Decomposition Model to Predict Carbon Dioxide Emissions under Alternative Straw Retention Methods. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	2.1	4
12	Analysis of atmospheric circulation situation and source areas for brown planthopper immigration to Korea: a case study. <i>Ecosphere</i> , 2020, 11, e03079.	2.2	4
13	Simulating and predicting soil water dynamics using three models for the Taihu Lake region of China. <i>Water Science and Technology: Water Supply</i> , 0, , .	2.1	3
14	A field study of biochar application impact on adsorption and accumulation of Cd in paddy soil and rice. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 48-59.	2.6	1
15	Temporal stability of soil water content in typical paddy soil at Taihu Lake region of China. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5070-5079.	2.1	1