

Tiehu He

List of Publications by Year in descending order

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15
papers

691
citations

759233

12
h-index

996975

15
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15
all docs

15
docs citations

15
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined biochar and double inhibitor application offsets NH ₃ and N ₂ O emissions and mitigates N leaching in paddy fields. <i>Environmental Pollution</i> , 2022, 292, 118344.	7.5	13
2	Long-Term Compost Amendment Spurs Cellulose Decomposition by Driving Shifts in Fungal Community Composition and Promoting Fungal Diversity and Phylogenetic Relatedness. <i>MBio</i> , 2022, 13, e0032322.	4.1	5
3	Methane and nitrous oxide have separated production zones and distinct emission pathways in freshwater aquaculture ponds. <i>Water Research</i> , 2021, 190, 116739.	11.3	48
4	Optimizing the application of dairy farm effluent and manure to mitigate gas emission. <i>Journal of Soils and Sediments</i> , 2021, 21, 2381-2393.	3.0	2
5	Yield-scaled nitrous oxide emissions from nitrogen-fertilized croplands in China: A meta-analysis of contrasting mitigation scenarios. <i>Pedosphere</i> , 2021, 31, 231-242.	4.0	13
6	Effect of field-aged biochar on fertilizer N retention and N ₂ O emissions: A field microplot experiment with ¹⁵ N-labeled urea. <i>Science of the Total Environment</i> , 2021, 773, 145645.	8.0	16
7	Four-year continuous residual effects of biochar application to a sandy loam soil on crop yield and N ₂ O and NO emissions under maize-wheat rotation. <i>Agriculture, Ecosystems and Environment</i> , 2020, 302, 107109.	5.3	46
8	N ₂ O and NO Emissions as Affected by the Continuous Combined Application of Organic and Mineral N Fertilizer to a Soil on the North China Plain. <i>Agronomy</i> , 2020, 10, 1965.	3.0	11
9	Combined application of biochar with urease and nitrification inhibitors have synergistic effects on mitigating CH ₄ emissions in rice field: A three-year study. <i>Science of the Total Environment</i> , 2020, 743, 140500.	8.0	23
10	Organic fertilizers have divergent effects on soil N ₂ O emissions. <i>Biology and Fertility of Soils</i> , 2019, 55, 685-699.	4.3	36
11	Nitrous oxide emissions from China's croplands based on regional and crop-specific emission factors deviate from IPCC 2006 estimates. <i>Science of the Total Environment</i> , 2019, 669, 547-558.	8.0	43
12	Rapid growth in greenhouse gas emissions from the adoption of industrial-scale aquaculture. <i>Nature Climate Change</i> , 2019, 9, 318-322.	18.8	141
13	Effects of application of inhibitors and biochar to fertilizer on gaseous nitrogen emissions from an intensively managed wheat field. <i>Science of the Total Environment</i> , 2018, 628-629, 121-130.	8.0	72
14	A two years study on the combined effects of biochar and inhibitors on ammonia volatilization in an intensively managed rice field. <i>Agriculture, Ecosystems and Environment</i> , 2018, 264, 44-53.	5.3	65
15	Wheat straw-derived biochar amendment stimulated N ₂ O emissions from rice paddy soils by regulating the amoA genes of ammonia-oxidizing bacteria. <i>Soil Biology and Biochemistry</i> , 2017, 113, 89-98.	8.8	157