

Muhammad Ahmed Waqas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

789
citations

686830

13
h-index

794141

19
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20
all docs

20
docs citations

20
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term manure application increased soil organic carbon and nitrogen mineralization through accumulation of unprotected and physically protected carbon fractions. <i>Pedosphere</i> , 2023, 33, 343-354.	2.1	8
2	Developing a conceptual model to quantify eco-compensation based on environmental and economic cost-benefit analysis for promoting the ecologically intensified agriculture. <i>Ecosystem Services</i> , 2022, 56, 101442.	2.3	10
3	Thermal Stresses in Maize: Effects and Management Strategies. <i>Plants</i> , 2021, 10, 293.	1.6	64
4	Divergent terrestrial responses of soil N ₂ O emissions to different levels of elevated CO ₂ and temperature. <i>Oikos</i> , 2021, 130, 1440-1449.	1.2	9
5	Differential effects of sulfamethoxazole concentrations on the enzymatic dynamics of aerobic composting. <i>Bioresource Technology</i> , 2021, 336, 125330.	4.8	18
6	Long-term warming and elevated CO ₂ increase ammonia-oxidizing microbial communities and accelerate nitrification in paddy soil. <i>Applied Soil Ecology</i> , 2021, 166, 104063.	2.1	27
7	When does nutrient management sequester more carbon in soils and produce high and stable grain yields in China?. <i>Land Degradation and Development</i> , 2020, 31, 1926-1941.	1.8	16
8	The influence of nutrient management on soil organic carbon storage, crop production, and yield stability varies under different climates. <i>Journal of Cleaner Production</i> , 2020, 268, 121922.	4.6	42
9	Integration of organic sources with inorganic phosphorus increases hybrid maize performance and grain quality. <i>Open Agriculture</i> , 2019, 4, 354-360.	0.7	3
10	Potential Mechanisms of Abiotic Stress Tolerance in Crop Plants Induced by Thiourea. <i>Frontiers in Plant Science</i> , 2019, 10, 1336.	1.7	179
11	Awareness and adoption level of fish farmers regarding recommended fish farming practices in Hafizabad, Pakistan. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2019, 18, 41-48.	1.0	9
12	Combination of modified nitrogen fertilizers and water saving irrigation can reduce greenhouse gas emissions and increase rice yield. <i>Geoderma</i> , 2018, 315, 1-10.	2.3	107
13	Responses of yield, CH ₄ and N ₂ O emissions to elevated atmospheric temperature and CO ₂ concentration in a double rice cropping system. <i>European Journal of Agronomy</i> , 2018, 96, 60-69.	1.9	38
14	Long-term (≈20 years) application of fertilizers and straw return enhances soil carbon storage: a meta-analysis. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 603-619.	1.0	28
15	Large-scale farming operations are win-win for grain production, soil carbon storage and mitigation of greenhouse gases. <i>Journal of Cleaner Production</i> , 2018, 172, 2143-2152.	4.6	56
16	Exogenous application of plant growth regulators (PGRs) induces chilling tolerance in short-duration hybrid maize. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11459-11471.	2.7	65
17	Salicylic acid confers salt tolerance in potato plants by improving water relations, gaseous exchange, antioxidant activities and osmoregulation. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1868-1875.	1.7	45
18	Effects of increased levels of atmospheric CO ₂ and high temperatures on rice growth and quality. <i>PLoS ONE</i> , 2017, 12, e0187724.	1.1	26

#	ARTICLE	IF	CITATIONS
19	Adjuvant improves the efficacy of herbicide for weed management in maize sown under altered sowing methods. Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 22-30.	0.1	7
20	Temperature Extremes in Cotton Production and Mitigation Strategies. , 0, , .		32