Muhammad Ahmed Waqas

List of Publications by Year
in descending order

20	789	686830 13	794141 19
papers	citations	h-index	g-index

20	20	20	816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential Mechanisms of Abiotic Stress Tolerance in Crop Plants Induced by Thiourea. Frontiers in Plant Science, 2019, 10, 1336.	1.7	179
2	Combination of modified nitrogen fertilizers and water saving irrigation can reduce greenhouse gas emissions and increase rice yield. Geoderma, 2018, 315, 1-10.	2.3	107
3	Exogenous application of plant growth regulators (PGRs) induces chilling tolerance in short-duration hybrid maize. Environmental Science and Pollution Research, 2017, 24, 11459-11471.	2.7	65
4	Thermal Stresses in Maize: Effects and Management Strategies. Plants, 2021, 10, 293.	1.6	64
5	Large-scale farming operations are win-win for grain production, soil carbon storage and mitigation of greenhouse gases. Journal of Cleaner Production, 2018, 172, 2143-2152.	4.6	56
6	Salicylic acid confers salt tolerance in potato plants by improving water relations, gaseous exchange, antioxidant activities and osmoregulation. Journal of the Science of Food and Agriculture, 2017, 97, 1868-1875.	1.7	45
7	The influence of nutrient management on soil organic carbon storage, crop production, and yield stability varies under different climates. Journal of Cleaner Production, 2020, 268, 121922.	4.6	42
8	Responses of yield, CH 4 and N 2 O emissions to elevated atmospheric temperature and CO 2 concentration in a double rice cropping system. European Journal of Agronomy, 2018, 96, 60-69.	1.9	38
9	Temperature Extremes in Cotton Production and Mitigation Strategies. , 0, , .		32
10	Long-term (â‰¥20Âyears) application of fertilizers and straw return enhances soil carbon storage: a meta-analysis. Mitigation and Adaptation Strategies for Global Change, 2018, 23, 603-619.	1.0	28
11	Long-term warming and elevated CO2 increase ammonia-oxidizing microbial communities and accelerate nitrification in paddy soil. Applied Soil Ecology, 2021, 166, 104063.	2.1	27
12	Effects of increased levels of atmospheric CO2 and high temperatures on rice growth and quality. PLoS ONE, 2017, 12, e0187724.	1.1	26
13	Differential effects of sulfamethoxazole concentrations on the enzymatic dynamics of aerobic composting. Bioresource Technology, 2021, 336, 125330.	4.8	18
14	When does nutrient management sequester more carbon in soils and produce high and stable grain yields in China?. Land Degradation and Development, 2020, 31, 1926-1941.	1.8	16
15	Developing a conceptual model to quantify eco-compensation based on environmental and economic cost-benefit analysis for promoting the ecologically intensified agriculture. Ecosystem Services, 2022, 56, 101442.	2.3	10
16	Awareness and adoption level of fish farmers regarding recommended fish farming practices in Hafizabad, Pakistan. Journal of the Saudi Society of Agricultural Sciences, 2019, 18, 41-48.	1.0	9
17	Divergent terrestrial responses of soil N₂O emissions to different levels of elevated CO₂ and temperature. Oikos, 2021, 130, 1440-1449.	1.2	9
18	Long-term manure application increased soil organic carbon and nitrogen mineralization through accumulation of unprotected and physically protected carbon fractions. Pedosphere, 2023, 33, 343-354.	2.1	8

#	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	Integration of organic sources with inorganic phosphorus increases hybrid maize performance and grain quality. Open Agriculture, 2019, 4, 354-360.	0.7	3