

Kashif Akhtar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

722
citations

687363

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27
all docs

27
docs citations

27
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Manure Coupled with Inorganic Fertilizer: An Approach for the Sustainable Production of Rice by Improving Soil Properties and Nitrogen Use Efficiency. <i>Agronomy</i> , 2019, 9, 651.	3.0	98
2	Integrated use of straw mulch with nitrogen fertilizer improves soil functionality and soybean production. <i>Environment International</i> , 2019, 132, 105092.	10.0	80
3	Impact of straw management on seasonal soil carbon dioxide emissions, soil water content, and temperature in a semi-arid region of China. <i>Science of the Total Environment</i> , 2019, 652, 471-482.	8.0	79
4	Manure combined with chemical fertilizer increases rice productivity by improving soil health, post-anthesis biomass yield, and nitrogen metabolism. <i>PLoS ONE</i> , 2020, 15, e0238934.	2.5	64
5	Biochar Role in the Sustainability of Agriculture and Environment. <i>Sustainability</i> , 2021, 13, 1330.	3.2	64
6	Straw mulching with inorganic nitrogen fertilizer reduces soil CO ₂ and N ₂ O emissions and improves wheat yield. <i>Science of the Total Environment</i> , 2020, 741, 140488.	8.0	44
7	Arbuscular mycorrhizal fungi improve growth, essential oil, secondary metabolism, and yield of tobacco (<i>Nicotiana tabacum</i> L.) under drought stress conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45276-45295.	5.3	41
8	Enhancing phosphorus availability, soil organic carbon, maize productivity and farm profitability through biochar and organic-inorganic fertilizers in an irrigated maize agroecosystem under semi-arid climate. <i>Soil Use and Management</i> , 2021, 37, 104-119.	4.9	39
9	Patterns of Biomass, Carbon, and Soil Properties in Masson pine (<i>Pinus massoniana</i> Lamb) Plantations with Different Stand Ages and Management Practices. <i>Forests</i> , 2019, 10, 645.	2.1	21
10	Co-incorporation of manure and inorganic fertilizer improves leaf physiological traits, rice production and soil functionality in a paddy field. <i>Scientific Reports</i> , 2021, 11, 10048.	3.3	21
11	The CaChiVI2 Gene of <i>Capsicum annuum</i> L. Confers Resistance Against Heat Stress and Infection of <i>Phytophthora capsici</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 219.	3.6	18
12	Wattle fencing improved soil aggregate stability, organic carbon stocks and biochemical quality by restoring highly eroded mountain region soil. <i>Journal of Environmental Management</i> , 2021, 288, 112489.	7.8	18
13	Biochar Integration with Legume Crops in Summer Gape Synergizes Nitrogen Use Efficiency and Enhance Maize Yield. <i>Agronomy</i> , 2020, 10, 58.	3.0	14
14	Soil respiration from fields under three crop rotation treatments and three straw retention treatments. <i>PLoS ONE</i> , 2019, 14, e0219253.	2.5	13
15	In Vitro Regeneration Potential of White Lupin (<i>Lupinus albus</i>) from Cotyledonary Nodes. <i>Plants</i> , 2020, 9, 318.	3.5	13
16	Uptake, translocation and accumulation of the fungicide benzene kresoxim-methyl in Chinese flowering cabbage (<i>Brassica campestris</i> var. <i>parachinensis</i>) and water spinach (<i>Ipomoea aquatica</i>). <i>Environmental Pollution</i> , 2020, 264, 114815.	7.5	13
17	Translocation and metabolism of imidacloprid in cabbage: Application of ¹⁴ C-labelling and LC-QTOF-MS. <i>Chemosphere</i> , 2021, 263, 127928.	8.2	13
18	Changes in Leaf Structural and Functional Characteristics when Changing Planting Density at Different Growth Stages Alters Cotton Lint Yield under a New Planting Model. <i>Agronomy</i> , 2019, 9, 859.	3.0	11

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19	Isolation, identification and characterization of nitrogen fixing endophytic bacteria and their effects on cassava production. PeerJ, 2022, 10, e12677.	2.0	11
20	Identification of differentially expressed genes and pathways in isonuclear kenaf genotypes under salt stress. Physiologia Plantarum, 2021, 173, 1295-1308.	5.2	10
21	Grazing and Cutting under Different Nitrogen Rates, Application Methods and Planting Density Strongly Influence Qualitative Traits and Yield of Canola Crop. Agronomy, 2020, 10, 404.	3.0	9
22	Reactive Oxygen Species Accumulation Strongly Allied with Genetic Male Sterility Convertible to Cytoplasmic Male Sterility in Kenaf. International Journal of Molecular Sciences, 2021, 22, 1107.	4.1	9
23	Biochar and leguminous cover crops as an alternative to summer fallowing for soil organic carbon and nutrient management in the wheat-maize-wheat cropping system under semiarid climate. Journal of Soils and Sediments, 2021, 21, 1395-1407.	3.0	9
24	Distinct uptake and accumulation profiles of triclosan in youdonger (<i>Brassica campestris</i> subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Chemosphere, 2022, 288, 132651.	8.2	4
25	Dual-purpose wheat technology: a tool for ensuring food security and livestock sustainability in cereal-based cropping pattern. Archives of Agronomy and Soil Science, 2021, 67, 1889-1900.	2.6	3