

Muhammad Aown Sammar Raza

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

318
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential effects of biochar application on mitigating the drought stress implications on wheat (<i>Triticum aestivum</i> L.) under various growth stages. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 974-981.	5.2	51
2	Investigating the effect of <i>Azospirillum brasilense</i> and <i>Rhizobium pisi</i> on agronomic traits of wheat (<i>Triticum aestivum</i> L.). <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1554-1564.	2.6	34
3	Effect of rhizobacteria and cytokinins application on wheat growth and yield under normal vs drought conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2521-2533.	1.4	29
4	Comparative effects of biochar and NPK on wheat crops under different management systems. <i>Crop and Pasture Science</i> , 2022, 74, 31-40.	1.5	25
5	Improving Strategic Growth Stage-based Drought Tolerance in Quinoa by Rhizobacterial Inoculation. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 853-868.	1.4	24
6	Physiological and biochemical assisted screening of wheat varieties under partial rhizosphere drying. <i>Plant Physiology and Biochemistry</i> , 2017, 116, 150-166.	5.8	23
7	Improving the performance of Bt-cotton under heat stress by foliar application of selenium. <i>Journal of Plant Nutrition</i> , 2018, 41, 1711-1723.	1.9	22
8	Partial root-zone drying (PRD), its effects and agricultural significance: a review. <i>Bulletin of the National Research Centre</i> , 2020, 44, .	1.8	19
9	Integrating Biochar, Rhizobacteria and Silicon for Strenuous Productivity of Drought Stressed Wheat. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 338-352.	1.4	16
10	Ce and Fe doped LaNiO ₃ synthesized by micro-emulsion route: Effect of doping on visible light absorption for photocatalytic application. <i>Materials Research Express</i> , 2021, 8, 085009.	1.6	15
11	The impact of different weed management strategies on weed flora of wheat-based cropping systems. <i>PLoS ONE</i> , 2021, 16, e0247137.	2.5	12
12	Assessing the potential of partial root zone drying and mulching for improving the productivity of cotton under arid climate. <i>Environmental Science and Pollution Research</i> , 2021, 28, 66223-66241.	5.3	12
13	Biochar enhances wheat crop productivity by mitigating the effects of drought: Insights into physiological and antioxidant defense mechanisms. <i>PLoS ONE</i> , 2022, 17, e0267819.	2.5	10
14	Amelioration in Growth and Physiological Efficiency of Sunflower (<i>Helianthus annuus</i> L.) under Drought by Potassium Application. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2291-2300.	1.4	8
15	Partial Root Zone Drying Irrigation Improves Water Use Efficiency but Compromise the Yield and Quality of Cotton Crop. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 1558-1573.	1.4	7
16	Physiological Manipulation and Yield Response of Wheat Grown with Split Root System under Deficit Irrigation. <i>Pakistan Journal of Agricultural Research</i> , 2019, 32, .	0.2	5
17	Effect of Fruiting Branch/Square Removal on Growth and Quality of Bt Cotton under Different Potassium Rates. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 156-166.	1.4	4
18	Evaluating direct dry-seeding and seed-priming used with the system of rice intensification vs. conventional rice cultivation in Pakistan. <i>Journal of Crop Improvement</i> , 0, , 1-28.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Effect of partial rhizosphere drying on plant photosynthetic, antioxidative and water related indicators in cotton. Communications in Soil Science and Plant Analysis, 0, , 1-16.	1.4	1