

Noman Ali Buttar

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

455
citations

1163117

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888059

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18
all docs

18
docs citations

18
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern plant cultivation technologies in agriculture under controlled environment: a review on aeroponics. <i>Journal of Plant Interactions</i> , 2018, 13, 338-352.	2.1	124
2	Monitoring and Control Systems in Agriculture Using Intelligent Sensor Techniques: A Review of the Aeroponic System. <i>Journal of Sensors</i> , 2018, 2018, 1-18.	1.1	119
3	X-ray computed tomography for quality inspection of agricultural products: A review. <i>Food Science and Nutrition</i> , 2019, 7, 3146-3160.	3.4	44
4	Analysis of mechanical properties for tea stem using grey relational analysis coupled with multiple linear regression. <i>Scientia Horticulturae</i> , 2020, 260, 108886.	3.6	39
5	Surface Renewal Application for Estimating Evapotranspiration: A Review. <i>Advances in Meteorology</i> , 2018, 2018, 1-11.	1.6	24
6	Research Progress and Prospects of Multi-Stage Centrifugal Pump Capability for Handling Gas-Liquid Multiphase Flow: Comparison and Empirical Model Validation. <i>Energies</i> , 2021, 14, 896.	3.1	21
7	Evaluation of Groundwater Quality in the Vicinity of Khurrianwala Industrial Zone, Pakistan. <i>Water (Switzerland)</i> , 2018, 10, 1321.	2.7	19
8	Effects of Drip Irrigation Emitter Density with Various Irrigation Levels on Physiological Parameters, Root, Yield, and Quality of Cherry Tomato. <i>Agronomy</i> , 2020, 10, 1685.	3.0	18
9	Development of Monthly Reference Evapotranspiration Machine Learning Models and Mapping of Pakistan—A Comparative Study. <i>Water (Switzerland)</i> , 2022, 14, 1666.	2.7	10
10	Improving Water Use Efficiency by Optimizing the Root Distribution Patterns under Varying Drip Emitter Density and Drought Stress for Cherry Tomato. <i>Agronomy</i> , 2021, 11, 3.	3.0	8
11	Effects of Various Aeroponic Atomizers (Droplet Sizes) on Growth, Polyphenol Content, and Antioxidant Activity of Leaf Lettuce (<i>Lactuca sativa</i> L.). <i>Transactions of the ASABE</i> , 2019, 62, 1475-1487.	1.1	7
12	Support vector machine based prediction of photovoltaic module and power station parameters. <i>International Journal of Green Energy</i> , 2020, 17, 219-232.	3.8	7
13	Estimation of Sensible and Latent Heat Fluxes Using Surface Renewal Method: Case Study of a Tea Plantation. <i>Agronomy</i> , 2021, 11, 179.	3.0	5
14	Precision management of groundwater abstraction on different spatial scales of lower Chenab canal system in Punjab, Pakistan. <i>IFAC-PapersOnLine</i> , 2018, 51, 397-401.	0.9	4
15	Fetch Effect on Flux-Variance Estimations of Sensible and Latent Heat Fluxes of <i>Camellia Sinensis</i> . <i>Atmosphere</i> , 2019, 10, 299.	2.3	3
16	Sensible Heat and Latent Heat Flux Estimates in a Tall and Dense Forest Canopy under Unstable Conditions. <i>Atmosphere</i> , 2022, 13, 264.	2.3	2
17	Structural analysis on cutting notch of tea stalk by X-ray micro-computed tomography. <i>Information Processing in Agriculture</i> , 2020, 7, 242-248.	4.1	1
18	Effect of salt stress on seed germination and seedling vigour in okra. <i>Indian Journal of Horticulture</i> , 2020, 77, 513.	0.1	0