Ahmed Attia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5626807/publications.pdf

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27	782	516710 16	526287 27
papers	citations	h-index	g-index

28	28	28	848
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving water use efficiency, nitrogen use efficiency, and radiation use efficiency in field crops under drought stress: A review. Advances in Agronomy, 2019, 156, 109-157.	5.2	152
2	Application of DSSAT-CERES-Wheat model to simulate winter wheat response to irrigation management in the Texas High Plains. Agricultural Water Management, 2016, 165, 50-60.	5.6	89
3	Multidimensional Evaluation for Detecting Salt Tolerance of Bread Wheat Genotypes Under Actual Saline Field Growing Conditions. Plants, 2020, 9, 1324.	3.5	63
4	Identifying drought-tolerant genotypes of faba bean and their agro-physiological responses to different water regimes in an arid Mediterranean environment. Agricultural Water Management, 2021, 247, 106754.	5.6	49
5	Sensitivity of the DSSAT model in simulating maize yield and soil carbon dynamics in arid Mediterranean climate: Effect of soil, genotype and crop management. Field Crops Research, 2021, 260, 107981.	5.1	42
6	Evaluation of growth and nutritional value of Brassica microgreens grown under red, blue and green LEDs combinations. Physiologia Plantarum, 2020, 169, 625-638.	5.2	39
7	Identifying drought-tolerant genotypes of barley and their responses to various irrigation levels in a Mediterranean environment. Agricultural Water Management, 2017, 194, 58-67.	5.6	33
8	Evaluating deficit irrigation scheduling strategies to improve yield and water productivity of maize in arid environment using simulation. Agricultural Water Management, 2021, 249, 106812.	5.6	31
9	Improved Yield and Nitrogen Use Efficiency of Corn following Soybean in Irrigated Sandy Loams. Soil Science Society of America Journal, 2015, 79, 1693-1703.	2.2	28
10	Sowing Date and Genotype Influence on Yield and Quality of Dual-Purpose Barley in a Salt-Affected Arid Region. Agronomy, 2021, 11, 717.	3.0	25
11	Emitter Uniformity and Application Efficiency for Centreâ€•Pivot Irrigation Systems. Irrigation and Drainage, 2015, 64, 353-361.	1.7	24
12	Use of Five Nitrogen Source and Placement Systems for Improved Nitrogen Management of Irrigated Corn. Soil Science Society of America Journal, 2016, 80, 1663-1674.	2.2	24
13	Calibration and Validation of AQUACROP and APSIM Models to Optimize Wheat Yield and Water Saving in Arid Regions. Land, 2021, 10, 1375.	2.9	23
14	Modelling carbon and water balance of Eucalyptus plantations at regional scale: Effect of climate, soil and genotypes. Forest Ecology and Management, 2019, 449, 117460.	3.2	18
15	Yield, Quality, and Spectral Reflectance Responses of Cotton under Subsurface Drip Irrigation. Agronomy Journal, 2015, 107, 1355-1364.	1.8	17
16	Modeling Cotton Lint Yield and Water Use Efficiency Responses to Irrigation Scheduling Using Cotton2K. Agronomy Journal, 2016, 108, 1614-1623.	1.8	17
17	Potential climate change adaptation strategies for winter wheat production in the Texas High Plains. Agricultural Water Management, 2019, 225, 105764.	5.6	17
18	Effects of Salinity Stress on Growth, Mineral Nutrient Accumulation and Biochemical Parameters of Seedlings of Three Citrus Rootstocks. International Journal of Fruit Science, 2020, 20, 786-804.	2.4	17

#	Article	IF	Citations
19	Application of Biogas Slurry in Combination with Chemical Fertilizer Enhances Grain Yield and Profitability of Maize (Zea Mays L.). Communications in Soil Science and Plant Analysis, 2020, 51, 2501-2510.	1.4	15
20	Use of Hyperspectral Reflectance Sensing for Assessing Growth and Chlorophyll Content of Spring Wheat Grown under Simulated Saline Field Conditions. Plants, 2021, 10, 101.	3.5	15
21	Withinâ€Season Growth and Spectral Reflectance of Cotton and their Relation to Lint Yield. Crop Science, 2016, 56, 2688-2701.	1.8	11
22	Growth, yield and water productivity of rice as influenced by seed priming under alternate wetting and drying irrigation. Archives of Agronomy and Soil Science, 2022, 68, 1515-1529.	2.6	11
23	Effects of establishment method and water management on yield and water productivity of tropical lowland rice. Experimental Agriculture, 2020, 56, 331-346.	0.9	8
24	Agronomic performance of the lignocellulosic feedstock crop energy cane in the Texas Rolling Plains. Agronomy Journal, 2020, 112, 3816-3831.	1.8	4
25	Evaluation of the DSSATâ€CANEGRO model for simulating the growth of energy cane (Saccharum) Tj ETQq1 1 0.784314 rgBT	1.8	2
26	Detecting Musk Thistle (Carduus nutans) Infestation Using a Target Recognition Algorithm. Advances in Remote Sensing, 2014, 03, 95-105.	0.9	2
27	Response of different corn populations to fertigated nitrogen and certain micronutrients in sandy soil. Agricultural Sciences, 2011, 02, 94-103.	0.3	1