

# Ayman El Sabagh

## List of Publications by Year in descending order

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Version: 2024-02-01

168  
papers

2,824  
citations

257429

24  
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330122

37  
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176  
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176  
docs citations

176  
times ranked

1886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-induced oxidative stress, initiation of antioxidants and phytoremediation potential of flax ( <i>Linum usitatissimum</i> L.) seedlings grown under the mixing of two different soils of China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 5211-5221.	5.3	138
2	Salinity Stress in Wheat ( <i>Triticum aestivum</i> L.) in the Changing Climate: Adaptation and Management Strategies. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	117
3	Consequences and Mitigation Strategies of Abiotic Stresses in Wheat ( <i>Triticum aestivum</i> L.) under the Changing Climate. <i>Agronomy</i> , 2021, 11, 241.	3.0	93
4	EFFECTS OF DROUGHT STRESS ON THE QUALITY OF MAJOR OILSEED CROPS: IMPLICATIONS AND POSSIBLE MITIGATION STRATEGIES – A REVIEW. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 4019-4043.	0.5	65
5	Phytohormones as Growth Regulators During Abiotic Stress Tolerance in Plants. <i>Frontiers in Agronomy</i> , 2022, 4, .	3.3	63
6	Selenium Alleviates the Adverse Effect of Drought in Oilseed Crops Camelina ( <i>Camelina sativa</i> L.) and Canola ( <i>Brassica napus</i> L.). <i>Molecules</i> , 2021, 26, 1699.	3.8	55
7	Evaluation of Fourteen Bread Wheat ( <i>Triticum aestivum</i> L.) Genotypes by Observing Gas Exchange Parameters, Relative Water and Chlorophyll Content, and Yield Attributes under Drought Stress. <i>Sustainability</i> , 2021, 13, 4799.	3.2	53
8	Evaluation of Drought Tolerance of Some Wheat ( <i>Triticum aestivum</i> L.) Genotypes through Phenology, Growth, and Physiological Indices. <i>Agronomy</i> , 2021, 11, 1792.	3.0	53
9	Potential Role of Plant Growth Regulators in Administering Crucial Processes Against Abiotic Stresses. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	50
10	Crucial Cell Signaling Compounds Crosstalk and Integrative Multi-Omics Techniques for Salinity Stress Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 670369.	3.6	47
11	Progress in sensory devices of pesticides, pathogens, coronavirus, and chemical additives and hazards in food assessment: Food safety concerns. <i>Progress in Materials Science</i> , 2022, 124, 100866.	32.8	44
12	Drought and salinity stress management for higher and sustainable canola ( <i>Brassica napus</i> L.) production: a critical review. <i>Australian Journal of Crop Science</i> , 2019, 13, 88-97.	0.3	42
13	Normalized Difference Vegetation Index and Chlorophyll Content for Precision Nitrogen Management in Durum Wheat Cultivars under Semi-Arid Conditions. <i>Sustainability</i> , 2021, 13, 3725.	3.2	42
14	Exogenous Sodium Nitroprusside Mitigates Salt Stress in Lentil ( <i>Lens culinaris</i> Medik.) by Affecting the Growth, Yield, and Biochemical Properties. <i>Molecules</i> , 2021, 26, 2576.	3.8	40
15	Fractionation of Heavy Metals in Multi-Contaminated Soil Treated with Biochar Using the Sequential Extraction Procedure. <i>Biomolecules</i> , 2021, 11, 448.	4.0	38
16	Lipoic Acid Combined with Melatonin Mitigates Oxidative Stress and Promotes Root Formation and Growth in Salt-Stressed Canola Seedlings ( <i>Brassica napus</i> L.). <i>Molecules</i> , 2021, 26, 3147.	3.8	38
17	Modern Biotechnologies: Innovative and Sustainable Approaches for the Improvement of Sugarcane Tolerance to Environmental Stresses. <i>Agronomy</i> , 2021, 11, 1042.	3.0	36
18	Supplementing Nitrogen in Combination with Rhizobium Inoculation and Soil Mulch in Peanut ( <i>Arachis hypogaea</i> L.) Production System: Part II. Effect on Phenology, Growth, Yield Attributes, Pod Quality, Profitability and Nitrogen Use Efficiency. <i>Agronomy</i> , 2020, 10, 1513.	3.0	35

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19	COMPARATIVE PERFORMANCE OF TWO BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.) GENOTYPES UNDER SALINITY STRESS. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 5029-5041.	0.5	35
20	Consequences of Salinity Stress on the Quality of Crops and Its Mitigation Strategies for Sustainable Crop Production: An Outlook of Arid and Semi-arid Regions. , 2020, , 503-533.		31
21	Ornamental Plant Efficiency for Heavy Metals Phytoextraction from Contaminated Soils Amended with Organic Materials. <i>Molecules</i> , 2021, 26, 3360.	3.8	31
22	Nutritional quality of maize in response to drought stress during grain-filling stages in mediterranean climate condition. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 644-652.	0.4	31
23	Adaptation Strategies to Improve the Resistance of Oilseed Crops to Heat Stress Under a Changing Climate: An Overview. <i>Frontiers in Plant Science</i> , 2021, 12, 767150.	3.6	30
24	Characterization of peanut ( <i>Arachis hypogaea</i> L.) seed oil and fatty acids composition under different growing season under mediterranean environment. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 564-571.	0.4	28
25	Enhancing Drought Tolerance in Wheat through Improving Morpho- Physiological and Antioxidants Activities of Plants by the Supplementation of Foliar Silicon. <i>Phyton</i> , 2020, 89, 529-539.	0.7	28
26	Potential Effects of Biochar Application for Improving Wheat ( <i>Triticum aestivum</i> L.) Growth and Soil Biochemical Properties under Drought Stress Conditions. <i>Land</i> , 2021, 10, 1125.	2.9	28
27	Pre-sowing seed treatment with kinetin and calcium mitigates salt induced inhibition of seed germination and seedling growth of choysum ( <i>Brassica rapa</i> var. <i>parachinensis</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112921.	6.0	28
28	Nutrients Supplementation through Organic Manures Influence the Growth of Weeds and Maize Productivity. <i>Molecules</i> , 2020, 25, 4924.	3.8	27
29	Chemical and Biological Enhancement Effects of Biochar on Wheat Growth and Yield under Arid Field Conditions. <i>Sustainability</i> , 2021, 13, 5890.	3.2	27
30	Drought and salinity stresses in barley: Consequences and mitigation strategies. <i>Australian Journal of Crop Science</i> , 2019, , 810-820.	0.3	26
31	Genetic Diversity of Selected Rice Genotypes under Water Stress Conditions. <i>Plants</i> , 2021, 10, 27.	3.5	26
32	Impact of mineral fertilizers on mineral nutrients in the ginger rhizome and on soil enzymes activities and soil properties. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5268-5274.	3.8	25
33	Biofertilizer-Based Zinc Application Enhances Maize Growth, Gas Exchange Attributes, and Yield in Zinc-Deficient Soil. <i>Agriculture (Switzerland)</i> , 2021, 11, 310.	3.1	24
34	Organic Amendments Boost Soil Fertility and Rice Productivity and Reduce Methane Emissions from Paddy Fields under Sub-Tropical Conditions. <i>Sustainability</i> , 2021, 13, 3103.	3.2	23
35	Magnetic Field Treatments Improves Sunflower Yield by Inducing Physiological and Biochemical Modulations in Seeds. <i>Molecules</i> , 2021, 26, 2022.	3.8	23
36	SUSTAINABLE MAIZE ( <i>Zea mays</i> L.) PRODUCTION UNDER DROUGHT STRESS BY UNDERSTANDING ITS ADVERSE EFFECT, SURVIVAL MECHANISM AND DROUGHT TOLERANCE INDICES. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2018, 6, 282-295.	0.4	23

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37	CRISPR-Based Genome Editing Tools: Insights into Technological Breakthroughs and Future Challenges. <i>Genes</i> , 2021, 12, 797.	2.4	22
38	WHEAT ( <i>TRITICUM AESTIVUM</i> L.) PRODUCTION UNDER DROUGHT AND HEAT STRESS – ADVERSE EFFECTS, MECHANISMS AND MITIGATION: A REVIEW. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.5	22
39	Mitigation of Cadmium Induced Oxidative Stress by Using Organic Amendments to Improve the Growth and Yield of Mash Beans [ <i>Vigna mungo</i> (L.)]. <i>Agronomy</i> , 2021, 11, 2152.	3.0	22
40	Methyl Jasmonate Alleviated the Adverse Effects of Cadmium Stress in Pea ( <i>Pisum sativum</i> L.): A Nexus of Photosystem II Activity and Dynamics of Redox Balance. <i>Frontiers in Plant Science</i> , 2022, 13, 860664.	3.6	22
41	Sustainable soybean production and abiotic stress management in saline environments: a critical review. <i>Australian Journal of Crop Science</i> , 2019, 13, 228-236.	0.3	21
42	Fourier Transform Infrared Spectroscopy vibrational bands study of <i>Spinacia oleracea</i> and <i>Trigonella corniculata</i> under biochar amendment in naturally contaminated soil. <i>PLoS ONE</i> , 2021, 16, e0253390.	2.5	21
43	Impact of antioxidants supplementation on growth, yield and quality traits of canola ( <i>Brassica napus</i> ) Tj ETQq1 1 0.784314 rgBT /Overd Agricultural Sciences, 2017, 5, 163-172.	0.4	21
44	Characterization of Maize Hybrids ( <i>Zea mays</i> L.) for Detecting Salt Tolerance Based on Morpho-Physiological Characteristics, Ion Accumulation and Genetic Variability at Early Vegetative Stage. <i>Plants</i> , 2021, 10, 2549.	3.5	21
45	Mitigation of Salinity-Induced Oxidative Damage, Growth, and Yield Reduction in Fine Rice by Sugarcane Press Mud Application. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	21
46	Influence of nitrogen application on dry biomass allocation and translocation in two maize varieties under short pre-anthesis and prolonged bracketing flowering periods of drought. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 928-944.	2.6	20
47	Differences in the Growth and Physiological Responses of the Leaves of <i>Peucedanum japonicum</i> and <i>Hordeum vulgare</i> Exposed to Salinity. <i>Agriculture (Switzerland)</i> , 2020, 10, 317.	3.1	20
48	Effect of naphthaleneacetic acid on root and plant growth and yield of ten irrigated wheat genotypes. <i>Pakistan Journal of Botany</i> , 2019, 51, .	0.5	20
49	Silicon Mitigates the Adverse Effect of Drought in Canola ( <i>Brassica napus</i> L.) Through Promoting the Physiological and Antioxidants Activity. <i>Silicon</i> , 2021, 13, 3817-3826.	3.3	19
50	World Nations Priorities on Climate Change and Food Security. , 2022, , 365-384.		19
51	Yield Response, Nutritional Quality and Water Productivity of Tomato ( <i>Solanum lycopersicum</i> L.) are Influenced by Drip Irrigation and Straw Mulch in the Coastal Saline Ecosystem of Ganges Delta, India. <i>Sustainability</i> , 2020, 12, 6779.	3.2	18
52	Integrated Application of Thiourea and Biochar Improves Maize Growth, Antioxidant Activity and Reduces Cadmium Bioavailability in Cadmium-Contaminated Soil. <i>Frontiers in Plant Science</i> , 2021, 12, 809322.	3.6	18
53	Foliar Application of Phosphorus Enhances Photosynthesis and Biochemical Characteristics of Maize under Drought Stress. <i>Phyton</i> , 2021, 90, 503-514.	0.7	17
54	Assessing the Potential of Polymer Coated Urea and Sulphur Fertilization on Growth, Physiology, Yield, Oil Contents and Nitrogen Use Efficiency of Sunflower Crop under Arid Environment. <i>Agronomy</i> , 2021, 11, 269.	3.0	16

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55	Drought and Heat Stress in Cotton ( <i>Gossypium hirsutum</i> L.): Consequences and Their Possible Mitigation Strategies. , 2020, , 613-634.		16
56	Relationships between stomatal conductance and yield under drought stress in maize ( <i>Zea mays</i> L.). Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 014-021.	0.4	16
57	Responses of Water and Pigments Status, Dry Matter Partitioning, Seed Production, and Traits of Yield and Quality to Foliar Application of GA3 in Mungbean ( <i>Vigna radiata</i> L.). Frontiers in Agronomy, 2021, 2, .	3.3	15
58	Influence of Tillage Systems and Cereals-Legume Mixture on Fodder Yield, Quality and Net Returns under Rainfed Conditions. Sustainability, 2021, 13, 2172.	3.2	15
59	Mitigation of bacterial spot disease induced biotic stress in <i>Capsicum annuum</i> L. cultivars via antioxidant enzymes and isoforms. Scientific Reports, 2021, 11, 9445.	3.3	15
60	Yield and quality of two sugar beet ( <i>Beta vulgaris</i> L. ssp. <i>vulgaris</i> var. <i>altissima</i> D'Arll) cultivars are influenced by foliar application of salicylic acid, irrigation timing, and planting density. Acta Agriculturae Slovenica, 2020, 115, 273.	0.3	15
61	Enhancing drought tolerance in <i>Camelina sativa</i> L. and <i>Canola napus</i> L. through application of selenium. Pakistan Journal of Botany, 2020, 52, .	0.5	15
62	Chipset Nanosensor Based on N-Doped Carbon Nanobuds for Selective Screening of Epinephrine in Human Samples. Advanced Materials Interfaces, 2022, 9, 2101473.	3.7	15
63	Pod shattering in canola reduced by mitigating drought stress through silicon application and molecular approaches-A review. Journal of Plant Nutrition, 2023, 46, 101-128.	1.9	15
64	Supplementing Nitrogen in Combination with Rhizobium Inoculation and Soil Mulch in Peanut ( <i>Arachis hypogaea</i> L.) Production System: Part I. Effects on Productivity, Soil Moisture, and Nutrient Dynamics. Agronomy, 2020, 10, 1582.	3.0	14
65	Consequences and Mitigation Strategies of Heat Stress for Sustainability of Soybean ( <i>Glycine max</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.0	14
66	Foliar applied salicylic acid ameliorates water and salt stress by improving gas exchange and photosynthetic pigments in wheat. Pakistan Journal of Botany, 2021, 53, .	0.5	14
67	Mapping Groundwater Potential for Irrigation, by Geographical Information System and Remote Sensing Techniques: A Case Study of District Lower Dir, Pakistan. Atmosphere, 2021, 12, 669.	2.3	14
68	Sustainable Development of Chitosan/Calotropis procera-Based Hydrogels to Stimulate Formation of Granulation Tissue and Angiogenesis in Wound Healing Applications. Molecules, 2021, 26, 3284.	3.8	14
69	Oxidative Stress Tolerance Mechanism in Rice under Salinity. Phytion, 2020, 89, 497-517.	0.7	14
70	Interactive Effect of Weeding Regimes, Rice Cultivars, and Seeding Rates Influence the Rice-Weed Competition under Dry Direct-Seeded Condition. Sustainability, 2021, 13, 317.	3.2	14
71	Effect of Biochar and PCPR on the Growth and Nutrients Content of Einkorn Wheat ( <i>Triticum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.0	14
72	Foliar Application of Potassium Mitigates Salinity Stress Conditions in Spinach ( <i>Spinacia oleracea</i> L.) through Reducing NaCl Toxicity and Enhancing the Activity of Antioxidant Enzymes. Horticulturae, 2021, 7, 566.	2.8	14

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73	Legumes under Drought Stress: Plant Responses, Adaptive Mechanisms, and Management Strategies in Relation to Nitrogen Fixation. , 2021, , 179-207.		13
74	FOLIAGE APPLIED SILICON AMELIORATES DROUGHT STRESS THROUGH PHYSIO-MORPHOLOGICAL TRAITS, OSMOPROTECTANTS AND ANTIOXIDANT METABOLISM OF CAMELINA (Camelina sativa L.) GENOTYPES. Acta Scientiarum Polonorum, Hortorum Cultus, 2021, 20, 43-57.	0.6	13
75	Seed Priming with Sulphydral Thiourea Enhances the Performance of Camelina sativa L. under Heat Stress Conditions. Agronomy, 2021, 11, 1875.	3.0	13
76	Comparative study of growth, physiology and yield attributes of camelina (Camelina sativa L.) and canola (Brassica napus L.) under different irrigation regimes. Pakistan Journal of Botany, 2020, 52, .	0.5	13
77	Mitigation of Osmotic Stress in Cotton for the Improvement in Growth and Yield through Inoculation of Rhizobacteria and Phosphate Solubilizing Bacteria Coated Diammonium Phosphate. Sustainability, 2020, 12, 10456.	3.2	12
78	Extraction of Essential Oil from River Tea Tree (Melaleuca bracteata F. Muell.): Antioxidant and Antimicrobial Properties. Sustainability, 2021, 13, 4827.	3.2	12
79	Post-Anthesis Mobilization of Stem Assimilates in Wheat under Induced Stress. Sustainability, 2021, 13, 5940.	3.2	12
80	Evaluation of maize hybrids to terminal drought stress tolerance by defining drought indices. Journal of Experimental Biology and Agricultural Sciences, 2016, 4, 610-616.	0.4	12
81	A comparative study for drought tolerance and yield stability in different genotypes of barley (Hordeum vulgare L.). Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 151-162.	0.4	12
82	Sustainable crop production to ensuring food security under climate change: A Mediterranean perspective. Australian Journal of Crop Science, 2020, , 439-446.	0.3	12
83	Evaluation of Resistance Development in Bemisia tabaci Genn. (Homoptera: Aleyrodidae) in Cotton against Different Insecticides. Insects, 2021, 12, 996.	2.2	12
84	Prospective Role of Plant Growth Regulators for Tolerance to Abiotic Stresses. , 2021, , 1-38.		11
85	Soybean herbage yield, nutritional value and profitability under integrated manures management. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20181384.	0.8	11
86	Foliar Potassium Sulfate Application Improved Photosynthetic Characteristics, Water Relations and Seedling Growth of Drought-Stressed Maize. Atmosphere, 2021, 12, 663.	2.3	11
87	Strip Tillage and Crop Residue Retention Decrease the Size but Increase the Diversity of the Weed Seed Bank under Intensive Rice-Based Crop Rotations in Bangladesh. Agronomy, 2021, 11, 1164.	3.0	11
88	Evaluation of grain yield in fifty-eight spring bread wheat genotypes grown under heat stress. Pakistan Journal of Botany, 2020, 52, .	0.5	11
89	Alterations in Growth and Yield of Camelina Induced by Different Planting Densities under Water Deficit Stress. Phytion, 2020, 89, 587-597.	0.7	11
90	Seed Priming with Mg(NO <sub>3</sub> ) <sub>2</sub> and ZnSO <sub>4</sub> Salts Triggers the Germination and Growth Attributes Synergistically in Wheat Varieties. Agronomy, 2021, 11, 2110.	3.0	11

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91	Influence of varying nitrogen levels on growth, yield and nitrogen use efficiency of hybrid maize (Zea mays) under different irrigation levels. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 675-687.	0.4	11
92	Enzymeless copper microspheres@carbon sensor design for sensitive and selective acetylcholine screening in human serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112228.	5.0	11
93	Alterations of Oxidative Stress Indicators, Antioxidant Enzymes, Soluble Sugars, and Amino Acids in Mustard [ <i>Brassica juncea</i> (L.) Czern and Coss.] in Response to Varying Sowing Time, and Field Temperature. <i>Frontiers in Plant Science</i> , 2022, 13, 875009.	3.6	11
94	Establishment of Crops under Minimal Soil Disturbance and Crop Residue Retention in Rice-Based Cropping System: Yield Advantage, Soil Health Improvement, and Economic Benefit. <i>Land</i> , 2021, 10, 581.	2.9	10
95	Evaluation of <i>Jatropha curcas</i> L. leaves mulching on wheat growth and biochemical attributes under water stress. <i>BMC Plant Biology</i> , 2021, 21, 303.	3.6	10
96	Mechanisms of Seed Priming Involved in Salt Stress Amelioration. , 2019, , 219-251.		10
97	Physio-biochemical and molecular characterization for drought tolerance in rice genotypes at early seedling stage. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 675-687.	0.4	10
98	ROLE OF OSMOPROTECTANTS AND SOIL AMENDMENTS FOR SUSTAINABLE SOYBEAN ( <i>Glycine max</i> L.) PRODUCTION UNDER DROUGHT CONDITION: A REVIEW. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2018, 6, 32-41.	0.4	10
99	Nano-silver and non-traditional compounds mitigate the adverse effects of net blotch disease of barley in correlation with up-regulation of antioxidant enzymes. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.5	10
100	Sprinkler irrigation uniformity and crop water productivity of barley in arid region. <i>Emirates Journal of Food and Agriculture</i> , 2015, 27, 770.	1.0	10
101	Effectiveness of Herbicide to Control Rice Weeds in Diverse Saline Environments. <i>Sustainability</i> , 2021, 13, 2053.	3.2	9
102	The Productivity and Nutrient Use Efficiency of Rice-Rice-Black Gram Cropping Sequence Are Influenced by Location Specific Nutrient Management. <i>Sustainability</i> , 2021, 13, 3222.	3.2	9
103	Salinity Stress in Maize: Effects of Stress and Recent Developments of Tolerance for Improvement. , 0, , .		9
104	YIELD OF WHEAT IS INCREASED THROUGH IMPROVING THE CHEMICAL PROPERTIES, NUTRIENT AVAILABILITY AND WATER PRODUCTIVITY OF SALT AFFECTED SOILS IN THE NORTH DELTA OF EGYPT. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.5	9
105	Overviewing of weed management practices to reduce weed seed bank and to increase maize yield. <i>Planta Daninha</i> , 0, 38, .	0.5	9
106	Optimizing yield and fiber quality of cotton under mediterranean environment: managing nitrogen and potassium nutrition. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 572-580.	0.4	9
107	Synchronization of Boron application methods and rates is environmentally friendly approach to improve quality attributes of <i>Mangifera indica</i> L. On sustainable basis. <i>Saudi Journal of Biological Sciences</i> , 2021, 29, 1869-1880.	3.8	9
108	Editorial: Global Food and Nutrition Security Under Changing Climates. <i>Frontiers in Agronomy</i> , 2022, 3, .	3.3	9



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109	Biochar Enriched with Buffalo Slurry Improved Soil Nitrogen and Carbon Dynamics, Nutrient Uptake and Growth Attributes of Wheat by Reducing Leaching Losses of Nutrients. <i>Land</i> , 2021, 10, 1392.	2.9	9
110	Managing Greenhouse Gas Emission. , 2022, , 547-564.		9
111	The Use of Soil Conditioners to Ensure a Sustainable Wheat Yield under Water Deficit Conditions by Enhancing the Physiological and Antioxidant Potentials. <i>Land</i> , 2022, 11, 368.	2.9	9
112	Comparative Analysis of Rice and Weeds and Their Nutrient Partitioning under Various Establishment Methods and Weed Management Practices in Temperate Environment. <i>Agronomy</i> , 2022, 12, 816.	3.0	9
113	Yield and Yield Criteria of Flax Fiber ( <i>Linum usitatissimum</i> L.) as Influenced by Different Plant Densities. <i>Sustainability</i> , 2022, 14, 4710.	3.2	9
114	Rendimiento de la planta de frijol caupÃ-[ <i>Vigna unguiculata</i> (L.) Walp] y calidad nutricional en los sistemas de cultivo intercalado de frijol caupÃ-y sorgo. <i>Revista Mexicana De Ciencias Pecuarias</i> , 2021, 12, 402-418.	0.4	8
115	Climatic Trends of Variable Temperate Environment: A Complete Time Series Analysis during 1980â€“2020. <i>Atmosphere</i> , 2022, 13, 749.	2.3	8
116	Potentiality of Different Seed Priming Agents to Mitigate Cold Stress of Winter Rice Seedling. <i>Phyton</i> , 2021, 90, 1491-1506.	0.7	7
117	Jasmonates and Salicylates: Mechanisms, Transport and Signalling During Abiotic Stress in Plants. <i>Signaling and Communication in Plants</i> , 2021, , 1-29.	0.7	7
118	Mycorrhiza and Phosphate Solubilizing Bacteria: Potential Bioagents for Sustainable Phosphorus Management in Agriculture. <i>Phyton</i> , 2022, 91, 257-278.	0.7	7
119	Maize Adaptability to Heat Stress under Changing Climate. , 0, , .		7
120	Soybean managÃ±ng for maxÃ±mÃ±ze productÃ±on: plant populatÃ±on densÃ±ty effects on seed yÃ±eld and some agronomÃ±cal traÃ±ts Ã±n maÃ±n cropped soybean productÃ±on. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2017, 5, 31-37.	0.4	7
121	EVALUATION OF HERBAGE YIELD AND NUTRITIVE VALUE OF EIGHT FORAGE CROP SPECIES. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.5	7
122	Effect of slow release nitrogenous fertilizers and biochar on growth, physiology, yield, and nitrogen use efficiency of sunflower under arid climate. <i>Environmental Science and Pollution Research</i> , 2022, 29, 52520-52533.	5.3	7
123	Physiochemical Changes of Mung Bean [ <i>Vigna radiata</i> (L.) R. Wilczek] in Responses to Varying Irrigation Regimes. <i>Horticulturae</i> , 2021, 7, 565.	2.8	7
124	Combination of Strobilurin and Triazole Chemicals for the Management of Blast Disease in Mushk Budji -Aromatic Rice. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 1060.	3.5	7
125	Selection of Suitable Potato Genotypes for Late-Sown Heat Stress Conditions Based on Field Performance and Stress Tolerance Indices. <i>Sustainability</i> , 2021, 13, 2770.	3.2	6
126	Effect of nitrogen and sulfur on the quality of the cotton fiber under mediterranean conditions. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 662-669.	0.4	6



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127	Sub-Surface Drip Irrigation in Associated with H <sub>2</sub> O <sub>2</sub> Improved the Productivity of Maize under Clay-Rich Soil of Adana, Turkey. <i>Phyton</i> , 2020, 89, 519-528.	0.7	6
128	Nutrient Management for Improving Abiotic Stress Tolerance in Legumes of the Family Fabaceae. , 2020, , 393-415.		6
129	Foliar Application of Organic Compounds Stimulate Cotton ( <i>Gossypium barbadense</i> L.) to Survive Late Sown Condition. <i>Open Agriculture</i> , 2018, 3, 684-697.	1.7	5
130	Flowering Synchronization in Hybrid Rice Parental Lines at Different Sowing Dates. <i>Sustainability</i> , 2021, 13, 3229.	3.2	5
131	Elevated CO <sub>2</sub> Concentration Improves Heat-Tolerant Ability in Crops. , 0, , .		5
132	Irrigation Rationalization Boosts Wheat ( <i>Triticum aestivum</i> L.) Yield and Reduces Rust Incidence under Arid Conditions. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	5
133	Morphological, Physiobiochemical and Molecular Adaptability of Legumes of Fabaceae to Drought Stress, with Special Reference to <i>Medicago Sativa</i> L. , 2020, , 289-317.		5
134	Nitrogen Fixation of Legumes Under the Family Fabaceae: Adverse Effect of Abiotic Stresses and Mitigation Strategies. , 2020, , 75-111.		5
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