

# Mohamad Al Al Hassan

## List of Publications by Year in descending order

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42  
papers

904  
citations

516710

16  
h-index

477307

29  
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46  
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46  
docs citations

46  
times ranked

1035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breeding Targets to Improve Biomass Quality in Miscanthus. <i>Molecules</i> , 2021, 26, 254.	3.8	19
2	Competition Between Halophytes and Invasive Species. , 2021, , 599-621.		1
3	Competition Between Halophytes and Invasive Species. , 2020, , 1-23.		0
4	Responses to Salt Stress in Portulaca: Insight into Its Tolerance Mechanisms. <i>Plants</i> , 2020, 9, 1660.	3.5	16
5	Physiological and morphological characterisation of Limonium species in their natural habitats: Insights into their abiotic stress responses. <i>Plant and Soil</i> , 2020, 449, 267-284.	3.7	16
6	Responses to Drought in Seedlings of European Larch ( <i>Larix decidua</i> Mill.) from Several Carpathian Provenances. <i>Forests</i> , 2019, 10, 511.	2.1	4
7	Identification of Salt and Drought Biochemical Stress Markers in Several <i>Silene vulgaris</i> Populations. <i>Sustainability</i> , 2019, 11, 800.	3.2	19
8	Qualitative and Quantitative Differences in Osmolytes Accumulation and Antioxidant Activities in Response to Water Deficit in Four Mediterranean Limonium Species. <i>Plants</i> , 2019, 8, 506.	3.5	17
9	Responses of succulents to drought: Comparative analysis of four <i>Sedum</i> (Crassulaceae) species. <i>Scientia Horticulturae</i> , 2019, 243, 235-242.	3.6	24
10	Biochemical Markers of Salt Stress in European Larch ( <i>Larix decidua</i> ). <i>Notulae Scientia Biologicae</i> , 2018, 10, 430-438.	0.4	4
11	Screening for Salt Tolerance in Four Local Varieties of <i>Phaseolus lunatus</i> from Spain. <i>Agriculture (Switzerland)</i> , 2018, 8, 201.	3.1	11
12	Effects of Drought and Salinity on European Larch ( <i>Larix decidua</i> Mill.) Seedlings. <i>Forests</i> , 2018, 9, 320.	2.1	17
13	Variable Levels of Tolerance to Water Stress (Drought) and Associated Biochemical Markers in Tunisian Barley Landraces. <i>Molecules</i> , 2018, 23, 613.	3.8	25
14	Comparative analysis of water deficit and salt tolerance mechanisms in <i>Silene</i> . <i>South African Journal of Botany</i> , 2018, 117, 193-206.	2.5	20
15	The genus <i>Portulaca</i> as a suitable model to study the mechanisms of plant tolerance to drought and salinity. <i>The EuroBiotech Journal</i> , 2018, 2, 104-113.	1.0	11
16	Biochemical responses to drought, at the seedling stage, of several Romanian Carpathian populations of Norway spruce ( <i>Picea abies</i> L. Karst). <i>Trees - Structure and Function</i> , 2017, 31, 1479-1490.	1.9	18
17	Antioxidant responses under salinity and drought in three closely related wild monocots with different ecological optima. <i>AoB PLANTS</i> , 2017, 9, plx009.	2.3	78
18	Unraveling Salt Tolerance Mechanisms in Halophytes: A Comparative Study on Four Mediterranean Limonium Species with Different Geographic Distribution Patterns. <i>Frontiers in Plant Science</i> , 2017, 8, 1438.	3.6	65

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19	Effects of salinity and drought on growth, ionic relations, compatible solutes and activation of antioxidant systems in oleander ( <i>Nerium oleander</i> L.). PLoS ONE, 2017, 12, e0185017.	2.5	103
20	Comparative analysis of drought responses in <i>Phaseolus vulgaris</i> (common bean) and <i>P. coccineus</i> (runner bean) cultivars. The EuroBiotech Journal, 2017, 1, 247-252.	1.0	14
21	Salinity-Induced Variation in Biochemical Markers Provides Insight into the Mechanisms of Salt Tolerance in Common ( <i>Phaseolus vulgaris</i> ) and Runner ( <i>P. coccineus</i> ) Beans. International Journal of Molecular Sciences, 2016, 17, 1582.	4.1	44
22	Mechanisms of Response to Salt Stress in Oleander ( <i>Nerium oleander</i> L.). Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2016, 73, 249.	0.1	0
23	Drought responses in six hazelnut ( <i>Corylus avellana</i> L.) cultivars. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2016, 73, 259.	0.1	0
24	Native-Invasive Plants vs. Halophytes in Mediterranean Salt Marshes: Stress Tolerance Mechanisms in Two Related Species. Frontiers in Plant Science, 2016, 7, 473.	3.6	45
25	Stress tolerance mechanisms in <i>Juncus</i> : responses to salinity and drought in three <i>Juncus</i> species adapted to different natural environments. Functional Plant Biology, 2016, 43, 949.	2.1	34
26	A microarray analysis highlights the role of tetrapyrrole pathways in grapevine responses to <i>œstolbur</i> phytoplasma, phloem virus infections and recovered status. Physiological and Molecular Plant Pathology, 2016, 93, 129-137.	2.5	17
27	Contribution of Osmolyte Accumulation to Abiotic Stress Tolerance in Wild Plants Adapted to Different Stressful Environments. , 2016, , 13-25.		14
28	Effects of Salt Stress on Three Ecologically Distinct <i>Plantago</i> Species. PLoS ONE, 2016, 11, e0160236.	2.5	60
29	Screening for drought tolerance in cultivars of the ornamental genus <i>Tagetes</i> (Asteraceae). PeerJ, 2016, 4, e2133.	2.0	34
30	Responses to Drought and Salinity in the Endangered Species <i>Ligularia sibirica</i> (L.) Cass.. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2016, 73, 252.	0.1	0
31	Comparative Analysis of the Antioxidant Response to Salt Stress in <i>Inula crithmoides</i> and <i>Dittrichia viscosa</i> . Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2015, 72, .	0.1	0
32	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 1-11.	1.1	95
33	Identification of Salt Stress Biomarkers in Romanian Carpathian Populations of <i>Picea abies</i> (L.) Karst.. PLoS ONE, 2015, 10, e0135419.	2.5	27
34	Transcriptome analysis of <i>Phoenix canariensis</i> Chabaud in response to <i>Rhynchophorus ferrugineus</i> Olivier attacks. Frontiers in Plant Science, 2015, 6, 817.	3.6	18
35	Anatomical Modifications in two <i>Juncus</i> Species under Salt Stress Conditions. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 501-506.	1.1	6
36	Expression of the Vacuolar Na <sup>+</sup> /H <sup>+</sup> Antiporter Gene (NHX1) in Three <i>Plantago</i> Species Differing in Salt Tolerance. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2015, 72, .	0.1	0

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37	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, .	1.1	10
38	Effects of Salt on Seed Germination and Seedling Growth of Three <i>Portulaca</i> Species. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.1	1
39	Drought Tolerance in Several <i>Tagetes L.</i> Cultivars. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.1	3
40	Growth and Reproductive Success under Saline Conditions of Three <i>Plantago</i> Species with Different Levels of Stress Tolerance. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, .	1.1	7
41	Physiological Changes and Osmoregulation in Several Romanian Spruce Populations Exposed to Salt and Drought Stress. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.1	0
42	Investigating applied drought in <i>Miscanthus sinensis</i> ; sensitivity, response mechanisms, and subsequent recovery. <i>GCB Bioenergy</i> , 0, , .	5.6	2