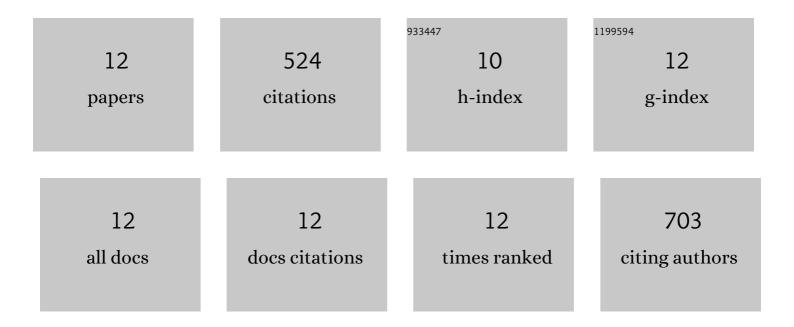
Seyed A Hosseini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3172669/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Root Engineering in Barley: Increasing Cytokinin Degradation Produces a Larger Root System, Mineral Enrichment in the Shoot and Improved Drought Tolerance. Plant Physiology, 2018, 177, 1078-1095.	4.8	122
2	Induction of Barley Silicon Transporter HvLsi1 and HvLsi2, increased silicon concentration in the shoot and regulated Starch and ABA Homeostasis under Osmotic stress and Concomitant Potassium Deficiency. Frontiers in Plant Science, 2017, 8, 1359.	3.6	78
3	Calcium Application Enhances Drought Stress Tolerance in Sugar Beet and Promotes Plant Biomass and Beetroot Sucrose Concentration. International Journal of Molecular Sciences, 2019, 20, 3777.	4.1	52
4	The Regulatory Role of Silicon in Mitigating Plant Nutritional Stresses. Plants, 2020, 9, 1779.	3.5	50
5	Silicon transcriptionally regulates sulfur and ABA metabolism and delays leaf senescence in barley under combined sulfur deficiency and osmotic stress. Environmental and Experimental Botany, 2018, 155, 394-410.	4.2	49
6	Regulatory Role of Silicon in Mediating Differential Stress Tolerance Responses in Two Contrasting Tomato Genotypes Under Osmotic Stress. Frontiers in Plant Science, 2018, 9, 1475.	3.6	47
7	A Potential Role of Flag Leaf Potassium in Conferring Tolerance to Drought-Induced Leaf Senescence in Barley. Frontiers in Plant Science, 2016, 7, 206.	3.6	38
8	The Ameliorative Effect of Silicon on Maize Plants Grown in Mg-Deficient Conditions. International Journal of Molecular Sciences, 2019, 20, 969.	4.1	36
9	Silicon Regulates Source to Sink Metabolic Homeostasis and Promotes Growth of Rice Plants under Sulfur Deficiency. International Journal of Molecular Sciences, 2020, 21, 3677.	4.1	22
10	Potassium Application Boosts Photosynthesis and Sorbitol Biosynthesis and Accelerates Cold Acclimation of Common Plantain (Plantago major L.). Plants, 2020, 9, 1259.	3.5	12
11	Silicon mitigates potassium deficiency by enhanced remobilization and modulated potassium transporter regulation. Environmental and Experimental Botany, 2022, 198, 104849.	4.2	11
12	K Deprivation Modulates the Primary Metabolites and Increases Putrescine Concentration in Brassica napus. Frontiers in Plant Science, 2021, 12, 681895.	3.6	7