

# Seyed A Hosseini

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

524  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

703  
citing authors

#	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. <i>Plant Physiology</i> , 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. <i>Frontiers in Plant Science</i> , 2017, 8, 1359.	3.6	78
3	Calcium Application Enhances Drought Stress Tolerance in Sugar Beet and Promotes Plant Biomass and Beetroot Sucrose Concentration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3777.	4.1	52
4	The Regulatory Role of Silicon in Mitigating Plant Nutritional Stresses. <i>Plants</i> , 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. <i>Environmental and Experimental Botany</i> , 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. <i>Frontiers in Plant Science</i> , 2018, 9, 1475.	3.6	47
7	A Potential Role of Flag Leaf Potassium in Conferring Tolerance to Drought-Induced Leaf Senescence in Barley. <i>Frontiers in Plant Science</i> , 2016, 7, 206.	3.6	38
8	The Ameliorative Effect of Silicon on Maize Plants Grown in Mg-Deficient Conditions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 969.	4.1	36
9	Silicon Regulates Source to Sink Metabolic Homeostasis and Promotes Growth of Rice Plants under Sulfur Deficiency. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3677.	4.1	22
10	Potassium Application Boosts Photosynthesis and Sorbitol Biosynthesis and Accelerates Cold Acclimation of Common Plantain ( <i>Plantago major</i> L.). <i>Plants</i> , 2020, 9, 1259.	3.5	12
11	Silicon mitigates potassium deficiency by enhanced remobilization and modulated potassium transporter regulation. <i>Environmental and Experimental Botany</i> , 2022, 198, 104849.	4.2	11
12	K Deprivation Modulates the Primary Metabolites and Increases Putrescine Concentration in <i>Brassica napus</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 681895.	3.6	7