Alireza Houshmandfar

List of Publications by Year
in descending order

10	215	1162889 8	1372474 10
papers	citations	h-index	g-index

10	10	10	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The relationship between transpiration and nutrient uptake in wheat changes under elevated atmospheric CO₂. Physiologia Plantarum, 2018, 163, 516-529.	2.6	49
2	Elevated CO2 decreases both transpiration flow and concentrations of Ca and Mg in the xylem sap of wheat. Journal of Plant Physiology, 2015, 174, 157-160.	1.6	37
3	Trade-offs between water-use related traits, yield components and mineral nutrition of wheat under Free-Air CO2 Enrichment (FACE). European Journal of Agronomy, 2016, 76, 66-74.	1.9	25
4	Can elevated CO2 buffer the effects of heat waves on wheat in a dryland cropping system?. Environmental and Experimental Botany, 2018, 155, 578-588.	2.0	24
5	Nationwide crop yield estimation based on photosynthesis and meteorological stress indices. Agricultural and Forest Meteorology, 2020, 284, 107872.	1.9	22
6	Modelling stomatal conductance of wheat: An assessment of response relationships under elevated CO2. Agricultural and Forest Meteorology, 2015, 214-215, 117-123.	1.9	21
7	Grain yield responsiveness to water supply in near-isogenic reduced-tillering wheat lines â€“ An engineered crop trait near its upper limit. European Journal of Agronomy, 2019, 102, 33-38.	1.9	16
8	Crop rotation options for dryland agriculture: An assessment of grain yield response in cool-season grain legumes and canola to variation in rainfall totals. Agricultural and Forest Meteorology, 2019, 275, 277-282.	1.9	10
9	A reducedâ€tillering trait shows small but important yield gains in dryland wheat production. Global Change Biology, 2020, 26, 4056-4067.	4.2	8
10	Machine learning produces higher prediction accuracy than the Jarvis-type model of climatic control on stomatal conductance in a dryland wheat agro-ecosystem. Agricultural and Forest Meteorology, 2021, 304-305, 108423.	1.9	3