El Houssaine Bouras

List of Publications by Citations

12 papers	88 citations	4 h-index	9 g-index
13 ext. papers	157 ext. citations	5.2 avg, IF	2.69 L-index

#	Paper	IF	Citations
12	Assessing the impact of global climate changes on irrigated wheat yields and water requirements in a semi-arid environment of Morocco. *Scientific Reports*, **2019**, 9, 19142	4.9	38
11	Monitoring of wheat crops using the backscattering coefficient and the interferometric coherence derived from Sentinel-1 in semi-arid areas. *Remote Sensing of Environment*, **2020**, 251, 112050	13.2	19
10	Cereal Yield Forecasting with Satellite Drought-Based Indices, Weather Data and Regional Climate Indices Using Machine Learning in Morocco. *Remote Sensing*, **2021**, 13, 3101	5	10
9	Linkages between Rainfed Cereal Production and Agricultural Drought through Remote Sensing Indices and a Land Data Assimilation System: A Case Study in Morocco. *Remote Sensing*, **2020**, 12, 4018	5	5
8	Implementing a new texture-based soil evaporation reduction coefficient in the FAO dual crop coefficient method. *Agricultural Water Management*, **2021**, 250, 106827	5.9	3
7	**2020**,		2
6	Present and Future High-Resolution Climate Forcings over Semiarid Catchments: Case of the Tensift (Morocco). *Atmosphere*, **2021**, 12, 370	2.7	2
5	Parameterization of the AquaCrop model for simulating table grapes growth and water productivity in an arid region of Mexico. *Agricultural Water Management*, **2021**, 245, 106585	5.9	2
4	Retrieving Crop Albedo Based on Radar Sentinel-1 and Random Forest Approach. *Remote Sensing*, **2021**, 13, 3181	5	2
3	Effects of Climate Change at the 2040 Horizon on the Hydrology of the Pluvio-Nival Rheraya Watershed Near Marrakesh, Morocco. *Lecture Notes in Electrical Engineering*, **2020**, 440-450	0.2	1
2	Optimizing the Sowing Date to Improve Water Management and Wheat Yield in a Large Irrigation Scheme, through a Remote Sensing and an Evolution Strategy-Based Approach. *Remote Sensing*, **2021**, 13, 3789	5	1
1	Assimilation of SMAP disaggregated soil moisture and Landsat land surface temperature to improve FAO-56 estimates of ET in semi-arid regions. *Agricultural Water Management*, **2022**, 260, 107290	5.9	0