

# El Houssaine Bouras

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5733179/publications.pdf>

Version: 2024-02-01

12  
papers

253  
citations

1307366

7  
h-index

1281743

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the impact of global climate changes on irrigated wheat yields and water requirements in a semi-arid environment of Morocco. <i>Scientific Reports</i> , 2019, 9, 19142.	1.6	67
2	Monitoring of wheat crops using the backscattering coefficient and the interferometric coherence derived from Sentinel-1 in semi-arid areas. <i>Remote Sensing of Environment</i> , 2020, 251, 112050.	4.6	52
3	Cereal Yield Forecasting with Satellite Drought-Based Indices, Weather Data and Regional Climate Indices Using Machine Learning in Morocco. <i>Remote Sensing</i> , 2021, 13, 3101.	1.8	39
4	Linkages between Rainfed Cereal Production and Agricultural Drought through Remote Sensing Indices and a Land Data Assimilation System: A Case Study in Morocco. <i>Remote Sensing</i> , 2020, 12, 4018.	1.8	27
5	Parameterization of the AquaCrop model for simulating table grapes growth and water productivity in an arid region of Mexico. <i>Agricultural Water Management</i> , 2021, 245, 106585.	2.4	13
6	Assimilation of SMAP disaggregated soil moisture and Landsat land surface temperature to improve FAO-56 estimates of ET in semi-arid regions. <i>Agricultural Water Management</i> , 2022, 260, 107290.	2.4	13
7	Implementing a new texture-based soil evaporation reduction coefficient in the FAO dual crop coefficient method. <i>Agricultural Water Management</i> , 2021, 250, 106827.	2.4	10
8	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. <i>Remote Sensing</i> , 2021, 13, 3789.	1.8	10
9	Present and Future High-Resolution Climate Forcings over Semiarid Catchments: Case of the Tensift (Morocco). <i>Atmosphere</i> , 2021, 12, 370.	1.0	5
10	Retrieving Crop Albedo Based on Radar Sentinel-1 and Random Forest Approach. <i>Remote Sensing</i> , 2021, 13, 3181.	1.8	4
11	Surface Soil Moisture Retrieval Over Irrigated Wheat Crops in Semi-Arid Areas using Sentinel-1 Data. , 2020, , .		2
12	Effects of Climate Change at the 2040â€™s Horizon on the Hydrology of the Pluvio-Nival Rheraya Watershed Near Marrakesh, Morocco. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 440-450.	0.3	1