

# Tarik Benabdelouahab

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

710  
citations

516215

16  
h-index

552369

26  
g-index

40  
all docs

40  
docs citations

40  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of TRMM 3B42 V7 Rainfall Product over the Oum Er Rbia Watershed in Morocco. <i>Climate</i> , 2017, 5, 1.	1.2	112
2	Trend analysis of rainfall and drought over the Oum Er-Rbia River Basin in Morocco during 1970â€“2010. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	67
3	The Performance of Random Forest Classification Based on Phenological Metrics Derived from Sentinel-2 and Landsat 8 to Map Crop Cover in an Irrigated Semi-arid Region. <i>Remote Sensing in Earth Systems Sciences</i> , 2019, 2, 208-224.	1.1	50
4	Rainfall distribution and trends of the daily precipitation concentration index in northern Morocco: a need for an adaptive environmental policy. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	37
5	Monitoring surface water content using visible and short-wave infrared SPOT-5 data of wheat plots in irrigated semi-arid regions. <i>International Journal of Remote Sensing</i> , 2015, 36, 4018-4036.	1.3	33
6	Identifying Agricultural Systems Using SVM Classification Approach Based on Phenological Metrics in a Semi-arid Region of Morocco. <i>Earth Systems and Environment</i> , 2019, 3, 277-288.	3.0	31
7	Analysis and trends of rainfall amounts and extreme events in the Western Mediterranean region. <i>Theoretical and Applied Climatology</i> , 2020, 141, 309-320.	1.3	31
8	Impacts and social implications of landuse-environment conflicts in a typical Mediterranean watershed. <i>Science of the Total Environment</i> , 2021, 764, 142853.	3.9	30
9	Bridging the gap of perception is the only way to align soil protection actions. <i>Science of the Total Environment</i> , 2020, 718, 137421.	3.9	27
10	A comparative analysis of different phenological information retrieved from Sentinel-2 time series images to improve crop classification: a machine learning approach. <i>Geocarto International</i> , 2022, 37, 1426-1449.	1.7	26
11	Relationships between the three components of air temperature and remotely sensed land surface temperature of agricultural areas in Morocco. <i>International Journal of Remote Sensing</i> , 2018, 39, 356-373.	1.3	25
12	Spatiotemporal monitoring of surface soil moisture using optical remote sensing data: a case study in a semi-arid area. <i>Journal of Spatial Science</i> , 2020, 65, 481-499.	1.0	25
13	Monitoring spatial variability and trends of wheat grain yield over the main cereal regions in Morocco: a remote-based tool for planning and adjusting policies. <i>Geocarto International</i> , 2021, 36, 2303-2322.	1.7	23
14	National-Scale Cropland Mapping Based on Phenological Metrics, Environmental Covariates, and Machine Learning on Google Earth Engine. <i>Remote Sensing</i> , 2021, 13, 4378.	1.8	21
15	Remote monitoring of agricultural systems using NDVI time series and machine learning methods: a tool for an adaptive agricultural policy. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	18
16	Assessment of Geosites in Northern Morocco: Diversity and Richness with Potential for Socioeconomic Development. <i>Geoheritage</i> , 2020, 12, 1.	1.5	17
17	Testing Aquacrop to Simulate Durum Wheat Yield and Schedule Irrigation in a Semi-Arid Irrigated Perimeter in Morocco. <i>Irrigation and Drainage</i> , 2016, 65, 631-643.	0.8	13
18	Combining Use of TRMM and Ground Observations of Annual Precipitations for Meteorological Drought Trends Monitoring in Morocco. <i>American Journal of Remote Sensing</i> , 2019, 7, 25.	0.5	13

#	ARTICLE	IF	CITATIONS
19	Mapping and Characterization of Phenological Changes over Various Farming Systems in an Arid and Semi-Arid Region Using Multitemporal Moderate Spatial Resolution Data. <i>Remote Sensing</i> , 2021, 13, 578.	1.8	12
20	Moroccan Strawberry Tree ( <i>Arbutus unedo</i> L.) Fruits: Nutritional Value and Mineral Composition. <i>Foods</i> , 2021, 10, 2263.	1.9	12
21	An integrated methodology for surface soil moisture estimating using remote sensing data approach. <i>Geocarto International</i> , 2021, 36, 1443-1458.	1.7	10
22	Derivation of air temperature of agricultural areas of Morocco from remotely land surface temperature based on the updated Köppen-Geiger climate classification. <i>Modeling Earth Systems and Environment</i> , 2019, 5, 1883-1892.	1.9	10
23	An evaporation test based on Thermal Infra Red remote-sensing to select appropriate soil hydraulic properties. <i>Journal of Hydrology</i> , 2009, 376, 589-598.	2.3	9
24	Hydrological Response to Snow Cover Changes Using Remote Sensing over the Oum Er Rbia Upstream Basin, Morocco. <i>Advances in Science, Technology and Innovation</i> , 2020, , 95-102.	0.2	9
25	Deep Learning-Based Spatiotemporal Fusion Approach for Producing High-Resolution NDVI Time-Series Datasets. <i>Canadian Journal of Remote Sensing</i> , 2021, 47, 182-197.	1.1	9
26	Farming systems monitoring using machine learning and trend analysis methods based on fitted NDVI time series data in a semi-arid region of Morocco. , 2019, , .		5
27	Using SAR Data to Detect Wheat Irrigation Supply in an Irrigated Semi-arid Area. <i>Journal of Agricultural Science</i> , 2021, 11, 21.	0.1	5
28	Spatial assessment of losses in wheat production value: A need for an innovative approach to guide risk management policies. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 18, 100300.	0.8	4
29	Chemical Variability of Moroccan Myrtle Oil. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100209.	1.0	4
30	Support Irrigation Water Management of Cereals Using Optical Remote Sensing and Modeling in a Semi-Arid Region. <i>Advances in Geospatial Technologies Book Series</i> , 2019, , 124-145.	0.1	3
31	A new decision-oriented groundwater protection model: framework and implementation in a case study in Morocco. <i>Sustainable Water Resources Management</i> , 2022, 8, 1.	1.0	3
32	Assessment of vegetation water content in wheat using near and shortwave infrared SPOT-5 Data in an irrigated area. <i>Revue Des Sciences De L'Eau</i> , 0, 29, 97-107.	0.2	2
33	A modelling approach to assess technology effect on wheat farms performance in semi-arid areas. <i>International Journal of Productivity and Quality Management</i> , 2020, 30, 561.	0.1	1
34	Assessment of Water Cloud Model based on SAR and optical satellite data for surface soil moisture retrievals over agricultural area. <i>Eurasian Journal of Soil Science</i> , 2021, 10, 243-250.	0.2	1
35	Modelling Flood Risk in Rural Areas: The Case of the Arbaa Taourirt Centre (Morocco). <i>Environmental Science and Engineering</i> , 2021, , 1981-1988.	0.1	0
36	The Contribution of the Costs of Agricultural Inputs (to) Wheat Grain Yield: Morocco as a Case Study. <i>Environmental Science and Engineering</i> , 2021, , 1169-1173.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Dynamic Agro-economic Modeling for Sustainable Water Resources Management in Arid and Semi-arid Areas. , 2019, , 2949-2973.		0