Tarik Benabdelouahab

List of Publications by Year
in descending order

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	A comparative analysis of different phenological information retrieved from Sentinel-2 time series images to improve crop classification: a machine learning approach. Geocarto International, 2022, 37, 1426-1449.	1.7	26
2	A new decision-oriented groundwater protection model: framework and implementation in a case study in Morocco. Sustainable Water Resources Management, 2022, 8, 1.	1.0	3
3	An integrated methodology for surface soil moisture estimating using remote sensing data approach. Geocarto International, 2021, 36, 1443-1458.	1.7	10
4	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. Geocarto International, 2021, 36, 2303-2322.	1.7	23
5	Impacts and social implications of landuse-environment conflicts in a typical Mediterranean watershed. Science of the Total Environment, 2021, 764, 142853.	3.9	30
6	Modelling Flood Risk in Rural Areas: The Case of the Arbaa Taourirt Centre (Morocco). Environmental Science and Engineering, 2021, , 1981-1988.	0.1	0
7	The Contribution of the Costs of Agricultural Inputs (to) Wheat Grain Yield: Morocco as a Case Study. Environmental Science and Engineering, 2021, , 1169-1173.	0.1	0
8	Mapping and Characterization of Phenological Changes over Various Farming Systems in an Arid and Semi-Arid Region Using Multitemporal Moderate Spatial Resolution Data. Remote Sensing, 2021, 13, 578.	1.8	12
9	Deep Learning-Based Spatiotemporal Fusion Approach for Producing High-Resolution NDVI Time-Series Datasets. Canadian Journal of Remote Sensing, 2021, 47, 182-197.	1.1	9
10	Assessment of Water Cloud Model based on SAR and optical satellite data for surface soil moisture retrievals over agricultural area. Eurasian Journal of Soil Science, 2021, 10, 243-250.	0.2	1
11	Chemical Variability of Moroccan Myrtle Oil. Chemistry and Biodiversity, 2021, 18, e2100209.	1.0	4
12	Moroccan Strawberry Tree (Arbutus unedo L.) Fruits: Nutritional Value and Mineral Composition. Foods, 2021, 10, 2263.	1.9	12
13	Using SAR Data to Detect Wheat Irrigation Supply in an Irrigated Semi-arid Area. Journal of Agricultural Science, 2021, 11, 21.	0.1	5
14	National-Scale Cropland Mapping Based on Phenological Metrics, Environmental Covariates, and Machine Learning on Google Earth Engine. Remote Sensing, 2021, 13, 4378.	1.8	21
15	Spatiotemporal monitoring of surface soil moisture using optical remote sensing data: a case study in a semi-arid area. Journal of Spatial Science, 2020, 65, 481-499.	1.0	25
16	Hydrological Response to Snow Cover Changes Using Remote Sensing over the Oum Er Rbia Upstream Basin, Morocco. Advances in Science, Technology and Innovation, 2020, , 95-102.	0.2	9
17	Assessment of Geosites in Northern Morocco: Diversity and Richness with Potential for Socioeconomic Development. Geoheritage, 2020, 12, 1.	1.5	17
18	A modelling approach to assess technology effect on wheat farms performance in semi-arid areas. International Journal of Productivity and Quality Management, 2020, 30, 561.	0.1	1

#	Article	IF	Citations
19	Remote monitoring of agricultural systems using NDVI time series and machine learning methods: a tool for an adaptive agricultural policy. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	18
20	Spatial assessment of losses in wheat production value: A need for an innovative approach to guide risk management policies. Remote Sensing Applications: Society and Environment, 2020, 18, 100300.	0.8	4
21	Bridging the gap of perception is the only way to align soil protection actions. Science of the Total Environment, 2020, 718, 137421.	3.9	27
22	Analysis and trends of rainfall amounts and extreme events in the Western Mediterranean region. Theoretical and Applied Climatology, 2020, 141, 309-320.	1.3	31
23	Identifying Agricultural Systems Using SVM Classification Approach Based on Phenological Metrics in a Semi-arid Region of Morocco. Earth Systems and Environment, 2019, 3, 277-288.	3.0	31
24	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. Remote Sensing in Earth Systems Sciences, 2019, 2, 208-224.	1.1	50
25	Derivation of air temperature of agricultural areas of Morocco from remotely land surface temperature based on the updated KÃ¶ppen-Geiger climate classification. Modeling Earth Systems and Environment, 2019, 5, 1883-1892.	1.9	10
26	Rainfall distribution and trends of the daily precipitation concentration index in northern Morocco: a need for an adaptive environmental policy. SN Applied Sciences, 2019, 1, 1.	1.5	37
27	Trend analysis of rainfall and drought over the Oum Er-Rbia River Basin in Morocco during 1970â€“2010. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	67
28	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
29	Combining Use of TRMM and Ground Observations of Annual Precipitations for Meteorological Drought Trends Monitoring in Morocco. American Journal of Remote Sensing, 2019, 7, 25.	0.5	13
30	Support Irrigation Water Management of Cereals Using Optical Remote Sensing and Modeling in a Semi-Arid Region. Advances in Geospatial Technologies Book Series, 2019, , 124-145.	0.1	3
31	Dynamic Agro-economic Modeling for Sustainable Water Resources Management in Arid and Semi-arid Areas. , 2019, , 2949-2973.		0
32	Relationships between the three components of air temperature and remotely sensed land surface temperature of agricultural areas in Morocco. International Journal of Remote Sensing, 2018, 39, 356-373.	1.3	25
33	Evaluation of TRMM 3B42 V7 Rainfall Product over the Oum Er Rbia Watershed in Morocco. Climate, 2017, 5, 1.	1.2	112
34	Testing Aquacrop to Simulate Durum Wheat Yield and Schedule Irrigation in a Semi-Arid Irrigated Perimeter in Morocco. Irrigation and Drainage, 2016, 65, 631-643.	0.8	13
35	Monitoring surface water content using visible and short-wave infrared SPOT-5 data of wheat plots in irrigated semi-arid regions. International Journal of Remote Sensing, 2015, 36, 4018-4036.	1.3	33
36	An evaporation test based on Thermal Infra Red remote-sensing to select appropriate soil hydraulic properties. Journal of Hydrology, 2009, 376, 589-598.	2.3	9

#	Article	IF	Citations
37	Assessment of vegetation water content in wheat using near and shortwave infrared SPOT-5 Data in an irrigated area. Revue Des Sciences De L'Eau, 0, 29, 97-107.	0.2	2