Rachid Lhissou

List of Publications by Year
in descending order

24 papers	506 citations	933447 10 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	643 citing authors

#	Article	IF	Citations
1	Assessment of radarsat-1, ALOS PALSAR and sentinel-1 SAR satellite images for geological lineament mapping. Geocarto International, 2024, 37, 15530-15547.	3.5	1
2	Assessment of the benefit of a single sentinel-2 satellite image to small crop parcels mapping. Geocarto International, 2022, 37, 7398-7414.	3.5	4
3	The Potential of Using Radarsat-2 Satellite Image for Modeling and Mapping Wheat Yield in a Semiarid Environment. Agriculture (Switzerland), 2022, 12, 315.	3.1	1
4	Convolutional neural network and long short-term memory models for ice-jam predictions. Cryosphere, 2022, 16, 1447-1468.	3.9	10
5	Spatiotemporal monitoring of low water turbidity in Moroccan coastal lagoon using Sentinel-2 data. Remote Sensing Applications: Society and Environment, 2022, 26, 100772.	1.5	3
6	Wheat Water Deficit Monitoring Using Synthetic Aperture Radar Backscattering Coefficient and Interferometric Coherence. Agriculture (Switzerland), 2022, 12, 1032.	3.1	1
7	How Accurate Is an Unmanned Aerial Vehicle Data-Based Model Applied on Satellite Imagery for Chlorophyll-a Estimation in Freshwater Bodies?. Remote Sensing, 2021, 13, 1134.	4.0	1
8	Evaluate the Effect of Topographic Factors and Lithology on Forest Cover Distribution: a Case Study of the Moroccan High Atlas. Environmental Modeling and Assessment, 2021, 26, 787-801.	2.2	3
9	Remote Retrieval of Suspended Particulate Matter in Inland Waters: Image-Based or Physical Atmospheric Correction Models?. Water (Switzerland), 2021, 13, 2149.	2.7	3
10	Assessment of the image-based atmospheric correction of multispectral satellite images for geological mapping in arid and semi-arid regions. Remote Sensing Applications: Society and Environment, 2020, 20, 100420.	1.5	11
11	Ice jam formation, breakup and prediction methods based on hydroclimatic data using artificial intelligence: A review. Cold Regions Science and Technology, 2020, 174, 103032.	3.5	14
12	Recent advances in the use of public domain satellite imagery for mineral exploration: A review of Landsat-8 and Sentinel-2 applications. Ore Geology Reviews, 2020, 117, 103332.	2.7	46
13	An improved algorithm for mapping burnt areas in the Mediterranean forest landscape of Morocco. Journal of Forestry Research, 2019, 30, 981-992.	3.6	9
14	New Sensitivity Indices of a 2D Flood Inundation Model Using Gauss Quadrature Sampling. Geosciences (Switzerland), 2019, 9, 220.	2.2	5
15	Flood risk mapping for direct damage to residential buildings in Quebec, Canada. International Journal of Disaster Risk Reduction, 2019, 33, 44-54.	3.9	43
16	Crop type mapping from pansharpened Landsat 8 NDVI data: A case of a highly fragmented and intensive agricultural system. Remote Sensing Applications: Society and Environment, 2018, 11, 94-103.	1.5	24
17	A novel index for assessment of riparian strip efficiency in agricultural landscapes using high spatial resolution satellite imagery. Science of the Total Environment, 2018, 644, 1439-1451.	8.0	23
18	Comparison of Landsat-8, ASTER and Sentinel 1 satellite remote sensing data in automatic lineaments extraction: A case study of Sidi Flah-Bouskour inlier, Moroccan Anti Atlas. Advances in Space Research, 2017, 60, 2355-2367.	2.6	129

#	Article	IF	Citations
19	Spatiotemporal monitoring of soil salinization in irrigated Tadla Plain (Morocco) using satellite spectral indices. International Journal of Applied Earth Observation and Geoinformation, 2016, 50, 64-73.	2.8	86
20	Characterization and dynamics of agroforestry landscape using geospatial techniques and field survey: a case study in central High-Atlas (Morocco). Agroforestry Systems, 2016, 90, 965-978.	2.0	15
21	Soil Salinity Characterization Using Polarimetric InSAR Coherence: Case Studies in Tunisia and Morocco. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3823-3832.	4.9	27
22	Mapping crop based on phenological characteristics using time-series NDVI of operational land imager data in Tadla irrigated perimeter, Morocco. Proceedings of SPIE, 2015, , .	0.8	4
23	The use of spectral and geomorphometric data for water erosion mapping in El Ksiba region in the central High Atlas Mountains of Morocco. Applied Geomatics, 2014, 6, 159-169.	2.5	10
24	Mapping soil salinity in irrigated land using optical remote sensing data. Eurasian Journal of Soil Science, 2014, 3, 82.	0.6	33