

# Alireza Sharifi

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,104  
citations

279798

23  
h-index

477307

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral Image Classification Using a Hybrid 3D-2D Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7570-7588.	4.9	105
2	Comparison the accuracies of different spectral indices for estimation of vegetation cover fraction in sparse vegetated areas. Egyptian Journal of Remote Sensing and Space Science, 2011, 14, 49-56.	2.0	98
3	Yield prediction with machine learning algorithms and satellite images. Journal of the Science of Food and Agriculture, 2021, 101, 891-896.	3.5	68
4	Spatio-temporal analysis of forest fire events in the Margalla Hills, Islamabad, Pakistan using socio-economic and environmental variable data with machine learning methods. Journal of Forestry Research, 2022, 33, 183-194.	3.6	53
5	Estimation of Forest Biomass Using Multivariate Relevance Vector Regression. Photogrammetric Engineering and Remote Sensing, 2016, 82, 41-49.	0.6	49
6	Forest biomass estimation using synthetic aperture radar polarimetric features. Journal of Applied Remote Sensing, 2015, 9, 097695.	1.3	47
7	Remote sensing satellite's attitude control system: rapid performance sizing for passive scan imaging mode. Aircraft Engineering and Aerospace Technology, 2020, 92, 1073-1083.	1.2	45
8	Integration of Sentinel 1 and Sentinel 2 Satellite Images for Crop Mapping. Applied Sciences (Switzerland), 2021, 11, 10104.	2.5	44
9	Flood Mapping Using Relevance Vector Machine and SAR Data: A Case Study from Aqqala, Iran. Journal of the Indian Society of Remote Sensing, 2020, 48, 1289-1296.	2.4	43
10	Development of a method for flood detection based on Sentinel-1 images and classifier algorithms. Water and Environment Journal, 2021, 35, 924-929.	2.2	43
11	Modeling and Predicting Land Use Land Cover Spatiotemporal Changes: A Case Study in Chalus Watershed, Iran. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5496-5513.	4.9	43
12	Estimation of biophysical parameters in wheat crops in Golestan province using ultra-high resolution images. Remote Sensing Letters, 2018, 9, 559-568.	1.4	40
13	Assessing spatio-temporal mapping and monitoring of climatic variability using SPEI and RF machine learning models. Geocarto International, 2024, 37, 14963-14982.	3.5	39
14	Speckle Reduction of PolSAR Images in Forest Regions Using Fast ICA Algorithm. Journal of the Indian Society of Remote Sensing, 2015, 43, 339-346.	2.4	38
15	Agro Climatic Zoning of Saffron Culture in Miyaneh City by Using WLC Method and Remote Sensing Data. Agriculture (Switzerland), 2022, 12, 118.	3.1	38
16	The Effect of Rapid Population Growth on Urban Expansion and Destruction of Green Space in Tehran from 1972 to 2017. Journal of the Indian Society of Remote Sensing, 2019, 47, 1063-1071.	2.4	35
17	Evaluation of Vegetation Indices and Phenological Metrics Using Time-Series MODIS Data for Monitoring Vegetation Change in Punjab, Pakistan. Water (Switzerland), 2021, 13, 2550.	2.7	35
18	Agricultural Field Extraction with Deep Learning Algorithm and Satellite Imagery. Journal of the Indian Society of Remote Sensing, 2022, 50, 417-423.	2.4	35

#	ARTICLE	IF	CITATIONS
19	Using Sentinel-2 Data to Predict Nitrogen Uptake in Maize Crop. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2656-2662.	4.9	31
20	Remotely sensed vegetation indices for crop nutrition mapping. Journal of the Science of Food and Agriculture, 2020, 100, 5191-5196.	3.5	31
21	Detection of Oil Pollution Using SAR and Optical Remote Sensing Imagery: A Case Study of the Persian Gulf. Journal of the Indian Society of Remote Sensing, 2021, 49, 2377-2385.	2.4	31
22	Application of Sentinel-1 Data to Estimate Height and Biomass of Rice Crop in Astaneh-ye Ashrafiyeh, Iran. Journal of the Indian Society of Remote Sensing, 2020, 48, 11-19.	2.4	29
23	Impact of spatio-temporal land surface temperature on cropping pattern and land use and land cover changes using satellite imagery, Hafizabad District, Punjab, Province of Pakistan. Arabian Journal of Geosciences, 2022, 15, .	1.3	28
24	Evaluation of Convolutional Neural Networks for Urban Mapping Using Satellite Images. Journal of the Indian Society of Remote Sensing, 2021, 49, 2125-2131.	2.4	14
25	Assessment of forest cover changes using multi-temporal Landsat observation. Environment, Development and Sustainability, 2023, 25, 1351-1360.	5.0	12
26	Risk Assessment of Alien Azolla filiculoides Lam in Anzali Lagoon Using Remote Sensing Imagery. Journal of the Indian Society of Remote Sensing, 2021, 49, 1801-1809.	2.4	7
27	Spatial modeling of radon potential mapping using deep learning algorithms. Geocarto International, 2022, 37, 9560-9582.	3.5	7
28	A country-wide assessment of Iran's land subsidence susceptibility using satellite-based InSAR and machine learning. Geocarto International, 2022, 37, 14065-14087.	3.5	4
29	Evaluation of SAR sensor design parameters on remote sensing missions. Aircraft Engineering and Aerospace Technology, 2021, 93, 51-56.	1.2	2
30	EARTHQUAKE DAMAGE DETECTION USING SATELLITE IMAGES (CASE STUDY: SARPOL-ZAHAB EARTHQUAKE). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W18, 1-5.	0.2	1
31	A fast radiometric correction method for Sentinel-2 satellite images. Aircraft Engineering and Aerospace Technology, 2021, 93, 1709-1714.	1.2	0
32	REDUCTION OF INSAR DEM TROPOSPHERIC NOISE WITH GPS OBSERVATIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W18, 985-988.	0.2	0
33	VALIDATION OF EXTRACTED ENDMEMBERS FROM HYPERSPECTRAL IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W18, 989-992.	0.2	0
34	Assessing agriculture land-use change using remote sensing data in the Gilan Province, Iran. , 2022, , 687-695.		0