

Hamid Ebadi

List of Publications by Year in descending order

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56
papers

1,190
citations

687363

13
h-index

395702

33
g-index

56
all docs

56
docs citations

56
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel 3-D Local DAISY-Style Descriptor to Reduce the Effect of Point Displacement Error in Point Cloud Registration. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2254-2273.	4.9	9
2	Rapid and automatic burned area detection using sentinel-2 time-series images in google earth engine cloud platform: a case study over the Andika and Behbahan Regions, Iran. Environmental Monitoring and Assessment, 2022, 194, 369.	2.7	7
3	Forest height estimation by means of compact PolInSAR data. Remote Sensing Applications: Society and Environment, 2021, 23, 100552.	1.5	2
4	Developing an Interpretation System for High-Resolution Remotely Sensed Images Based on Hybrid Decision-Making Process in a Multi-scale Manner. Journal of the Indian Society of Remote Sensing, 2020, 48, 197-214.	2.4	4
5	Forest height estimation based on the RVoG inversion model and the PolInSAR decomposition technique. International Journal of Remote Sensing, 2020, 41, 2684-2703.	2.9	8
6	Determining the Location of UAVs Automatically Using Aerial or Remotely Sensed High-Resolution Images for Intelligent Navigation of UAVs at the Time of Disconnection with GPS. Journal of the Indian Society of Remote Sensing, 2020, 48, 1675-1689.	2.4	2
7	Precise multi-image pointing (MIP) applied on convergence close-range photogrammetry images. Sensor Review, 2020, 40, 311-328.	1.8	0
8	A new hierarchical method for automatic road centerline extraction in urban areas using LIDAR data. Advances in Space Research, 2019, 64, 1792-1806.	2.6	16
9	Development of an Object-Based Interpretive System Based on Weighted Scoring Method in a Multi-Scale Manner. ISPRS International Journal of Geo-Information, 2019, 8, 398.	2.9	2
10	Application of UAV Photogrammetry in Displacement Measurement of the Soil Nail Walls Using Local Features and CPDA Method. ISPRS International Journal of Geo-Information, 2019, 8, 25.	2.9	8
11	Geospatial Target Detection from High-Resolution Remote-Sensing Images Based on PIIFD Descriptor and Salient Regions. Journal of the Indian Society of Remote Sensing, 2019, 47, 879-891.	2.4	4
12	Integrated Local Features to Detect Building Locations in High-Resolution Satellite Imagery. Journal of the Indian Society of Remote Sensing, 2019, 47, 1375-1389.	2.4	4
13	Pol-InSAR for Forest Biomass Estimation with the Transformation of the Polarization Basis. Journal of the Indian Society of Remote Sensing, 2019, 47, 1097-1109.	2.4	0
14	Development of a Nonparametric Active Contour Model for Automatic Extraction of Farmland Boundaries from High-Resolution Satellite Imagery. Journal of the Indian Society of Remote Sensing, 2019, 47, 295-306.	2.4	1
15	An Efficient Algorithm for Detection of Image Stretching Error from a Collection of Images Acquired by Unmanned Aerial Vehicles. Arabian Journal for Science and Engineering, 2019, 44, 489-504.	3.0	4
16	Salient regions detection in satellite images using the combination of MSER local features detector and saliency models. Journal of Geospatial Information Technology, 2019, 7, 1-20.	0.2	0
17	Speckle Noise Reduction of Time Series Sar Images Based on Wavelet Transform and Kalman Filter. , 2018, , .		11
18	A new fuzzy measurement approach for automatic change detection using remotely sensed images. Measurement: Journal of the International Measurement Confederation, 2018, 127, 1-14.	5.0	15

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19	A new automatic regression-based approach for relative radiometric normalization of multitemporal satellite imagery. <i>Computational and Applied Mathematics</i> , 2017, 36, 825-842.	1.3	12
20	Multi-player detection in soccer broadcast videos using a blob-guided particle swarm optimization method. <i>Multimedia Tools and Applications</i> , 2017, 76, 12251-12280.	3.9	15
21	A survey on player tracking in soccer videos. <i>Computer Vision and Image Understanding</i> , 2017, 159, 19-46.	4.7	83
22	Appearance-based multiple hypothesis tracking: Application to soccer broadcast videos analysis. <i>Signal Processing: Image Communication</i> , 2017, 55, 157-170.	3.2	10
23	Wetland cover change detection using multi-temporal remotely sensed data. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	4
24	Evaluation of different metaheuristic optimization algorithms in feature selection and parameter determination in SVM classification. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	9
25	Featherweight PINQ. <i>Journal of Privacy and Confidentiality</i> , 2017, 7, .	1.5	6
26	Improving the Accuracy of Land Cover Classification Using Fusion of Polarimetric SAR and Hyperspectral Images. <i>Journal of the Indian Society of Remote Sensing</i> , 2016, 44, 1017-1024.	2.4	8
27	Forest classification using extracted PolSAR features from Compact Polarimetry data. <i>Advances in Space Research</i> , 2016, 57, 1939-1950.	2.6	10
28	A new method for semi-automatic classification of remotely sensed images developed based on the cognitive approaches for producing spatial data required in geomatics applications. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	4
29	Design and implementation of an expert system for updating thematic maps using satellite imagery (case study: changes of Lake Urmia). <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	9
30	Very high resolution image matching based on local features and k -means clustering. <i>Photogrammetric Record</i> , 2015, 30, 166-186.	0.4	17
31	Accurate Affine Invariant Image Matching Using Oriented Least Square. <i>Photogrammetric Engineering and Remote Sensing</i> , 2015, 81, 733-743.	0.6	12
32	Distinctive Order Based Self-Similarity descriptor for multi-sensor remote sensing image matching. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 108, 62-71.	11.1	75
33	Remote Sensing Image Matching Based on Adaptive Binning SIFT Descriptor. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 5283-5293.	6.3	164
34	Design and implementation of an expert interpreter system for intelligent acquisition of spatial data from aerial or remotely sensed images. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 676-685.	5.0	5
35	Using cognitive information in the expert interface system for intelligent structuring and quality control of spatial data measured from photogrammetric or remotely sensed images. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 48, 167-172.	5.0	4
36	Automatic reconstruction of regular buildings using a shape-based balloon snake model. <i>Photogrammetric Record</i> , 2014, 29, 187-205.	0.4	5

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37	Automatic Building Extraction Using a Fuzzy Active Contour Model. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014, 80, 1061-1068.	0.6	2
38	A new model for automatic normalization of multitemporal satellite images using Artificial Neural Network and mathematical methods. <i>Applied Mathematical Modelling</i> , 2013, 37, 6437-6445.	4.2	49
39	Displacement measurement of the soil nail walls by using close range photogrammetry and introduction of CPDA method. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 3449-3459.	5.0	12
40	Design and implementation of an algorithm for automatic 3D reconstruction of building models using genetic algorithm. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 19, 104-114.	2.8	19
41	Image Matching of Satellite Data Based on Quadrilateral Control Networks. <i>Photogrammetric Record</i> , 2012, 27, 423-442.	0.4	16
42	Uniform Robust Scale-Invariant Feature Matching for Optical Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 4516-4527.	6.3	265
43	An Innovative Image Space Clustering Technique for Automatic Road Network Vectorization. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010, 76, 841-852.	0.6	3
44	Design and implementation of an expert interface system for integration of photogrammetric and Geographic Information Systems for intelligent preparation and structuring of spatial data. <i>Expert Systems With Applications</i> , 2010, 37, 8006-8013.	7.6	6
45	An improved snake model for automatic extraction of buildings from urban aerial images and LiDAR data. <i>Computers, Environment and Urban Systems</i> , 2010, 34, 435-441.	7.1	65
46	Automatic urban building boundary extraction from high resolution aerial images using an innovative model of active contours. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2010, 12, 150-157.	2.8	125
47	An Integrated Photogrammetric and Spatial Database Management System for Producing Fully Structured Data Using Aerial and Remote Sensing Images. <i>Sensors</i> , 2009, 9, 2320-2333.	3.8	6
48	An Intelligent Fuzzy Agent for Spatial Reasoning in GIS. <i>Lecture Notes in Computer Science</i> , 2009, , 639-647.	1.3	0
49	Road Extraction from High Resolution Satellite Images Using Image Processing Algorithms and CAD-Based Environments Facilities. <i>Journal of Applied Sciences</i> , 2008, 8, 2975-2982.	0.3	11
50	Optimization of road detection from high-resolution satellite images using texture parameters in neural network classifiers. <i>Canadian Journal of Remote Sensing</i> , 2007, 33, 481-491.	2.4	10
51	Rational function optimization using genetic algorithms. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2007, 9, 403-413.	2.8	39
52	On-line Integration of Photogrammetry and GIS to Generate Fully Structured Data for GIS. , 2006, , 85-93.		4
53	COMPARISON OF DIFFERENT VEGETATION INDICES FOR VERY HIGH-RESOLUTION IMAGES, SPECIFIC CASE ULTRACAM-D IMAGERY. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-1/W5, 97-104.	0.2	4
54	AN INTEGRATED RANSAC AND GRAPH BASED MISMATCH ELIMINATION APPROACH FOR WIDE-BASELINE IMAGE MATCHING. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-1/W5, 297-300.	0.2	2

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55	HYBRID OPTIMIZATION OF OBJECT-BASED CLASSIFICATION IN HIGH-RESOLUTION IMAGES USING CONTINUOUS ANT COLONY ALGORITHM WITH EMPHASIS ON BUILDING DETECTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 271-279.	0.2	0
56	HANDY MICROSCOPIC CLOSE-RANGE VIDEOGRAMMETRY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 65-67.	0.2	3