Hamid Ebadi

List of Publications by Year
in descending order

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	Uniform Robust Scale-Invariant Feature Matching for Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 4516-4527.	6.3	265
2	Remote Sensing Image Matching Based on Adaptive Binning SIFT Descriptor. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5283-5293.	6.3	164
3	Automatic urban building boundary extraction from high resolution aerial images using an innovative model of active contours. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 150-157.	2.8	125
4	A survey on player tracking in soccer videos. Computer Vision and Image Understanding, 2017, 159, 19-46.	4.7	83
5	Distinctive Order Based Self-Similarity descriptor for multi-sensor remote sensing image matching. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 108, 62-71.	11.1	75
6	An improved snake model for automatic extraction of buildings from urban aerial images and LiDAR data. Computers, Environment and Urban Systems, 2010, 34, 435-441.	7.1	65
7	A new model for automatic normalization of multitemporal satellite images using Artificial Neural Network and mathematical methods. Applied Mathematical Modelling, 2013, 37, 6437-6445.	4.2	49
8	Rational function optimization using genetic algorithms. International Journal of Applied Earth Observation and Geoinformation, 2007, 9, 403-413.	2.8	39
9	Design and implementation of an algorithm for automatic 3D reconstruction of building models using genetic algorithm. International Journal of Applied Earth Observation and Geoinformation, 2012, 19, 104-114.	2.8	19
10	Very high resolution image matching based on local features and <i>k</i> â€means clustering. Photogrammetric Record, 2015, 30, 166-186.	0.4	17
11	Image Matching of Satellite Data Based on Quadrilateral Control Networks. Photogrammetric Record, 2012, 27, 423-442.	0.4	16
12	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
13	Multi-player detection in soccer broadcast videos using a blob-guided particle swarm optimization method. Multimedia Tools and Applications, 2017, 76, 12251-12280.	3.9	15
14	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
15	Displacement measurement of the soil nail walls by using close range photogrammetry and introduction of CPDA method. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3449-3459.	5.0	12
16	Accurate Affine Invariant Image Matching Using Oriented Least Square. Photogrammetric Engineering and Remote Sensing, 2015, 81, 733-743.	0.6	12
17	A new automatic regression-based approach for relative radiometric normalization of multitemporal satellite imagery. Computational and Applied Mathematics, 2017, 36, 825-842.	1.3	12
18	Speckle Noise Reduction of Time Series Sar Images Based on Wavelet Transform and Kalman Filter. , 2018, , .		11

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19	Road Extraction from High Resolution Satellite Images Using Image Processing Algorithms and CAD-Based Environments Facilities. Journal of Applied Sciences, 2008, 8, 2975-2982.	0.3	11
20	Optimization of road detection from high-resolution satellite images using texture parameters in neural network classifiers. Canadian Journal of Remote Sensing, 2007, 33, 481-491.	2.4	10
21	Forest classification using extracted PolSAR features from Compact Polarimetry data. Advances in Space Research, 2016, 57, 1939-1950.	2.6	10
22	Appearance-based multiple hypothesis tracking: Application to soccer broadcast videos analysis. Signal Processing: Image Communication, 2017, 55, 157-170.	3.2	10
23	Design and implementation of an expert system for updating thematic maps using satellite imagery (case study: changes of Lake Urmia). Arabian Journal of Geosciences, 2016, 9, 1.	1.3	9
24	Evaluation of different metaheuristic optimization algorithms in feature selection and parameter determination in SVM classification. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	9
25	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
26	Improving the Accuracy of Land Cover Classification Using Fusion of Polarimetric SAR and Hyperspectral Images. Journal of the Indian Society of Remote Sensing, 2016, 44, 1017-1024.	2.4	8
27	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
28	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
29	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
30	An Integrated Photogrammetric and Spatial Database Management System for Producing Fully Structured Data Using Aerial and Remote Sensing Images. Sensors, 2009, 9, 2320-2333.	3.8	6
31	Design and implementation of an expert interface system for integration of photogrammetric and Geographic Information Systems for intelligent preparation and structuring of spatial data. Expert Systems With Applications, 2010, 37, 8006-8013.	7.6	6
32	Featherweight PINQ. Journal of Privacy and Confidentiality, 2017, 7, .	1.5	6
33	Design and implementation of an expert interpreter system for intelligent acquisition of spatial data from aerial or remotely sensed images. Measurement: Journal of the International Measurement Confederation, 2014, 47, 676-685.	5.0	5
34	Automatic reconstruction of regular buildings using a shape€based balloon snake model. Photogrammetric Record, 2014, 29, 187-205.	0.4	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. Measurement: Journal of the International Measurement Confederation, 2014, 48, 167-172.	5.0	4
36	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. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	4

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37	Wetland cover change detection using multi-temporal remotely sensed data. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	4
38	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
39	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
40	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
41	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
42	On-line Integration of Photogrammetry and GIS to Generate Fully Structured Data for GIS. , 2006, , 85-93.		4
43	COMPARISON OF DIFFERENT VEGETATION INDICES FOR VERY HIGH-RESOLUTION IMAGES, SPECIFIC CASE ULTRACAM-D IMAGERY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 97-104.	0.2	4
44	An Innovative Image Space Clustering Technique for Automatic Road Network Vectorization. Photogrammetric Engineering and Remote Sensing, 2010, 76, 841-852.	0.6	3
45	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
46	Automatic Building Extraction Using a Fuzzy Active Contour Model. Photogrammetric Engineering and Remote Sensing, 2014, 80, 1061-1068.	0.6	2
47	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
48	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
49	Forest height estimation by means of compact PolInSAR data. Remote Sensing Applications: Society and Environment, 2021, 23, 100552.	1.5	2
50	AN INTEGRATED RANSAC AND GRAPH BASED MISMATCH ELIMINATION APPROACH FOR WIDE-BASELINE IMAGE MATCHING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 297-300.	0.2	2
51	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
52	An Intelligent Fuzzy Agent for Spatial Reasoning in GIS. Lecture Notes in Computer Science, 2009, , 639-647.	1.3	0
53	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
54	Precise multi-image pointing (MIP) applied on convergence close-range photogrammetry images. Sensor Review, 2020, 40, 311-328.	1.8	0

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55	HYBRID OPTIMIZATION OF OBJECT-BASED CLASSIFICATION IN HIGH-RESOLUTION IMAGES USING CONTINOUS 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	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