Mohammad Saadatseresht

List of Publications by Year
in descending order

56	598	933264	642610
papers	citations	10	23
		h-index	g-index

56	56	56	689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imagery Network Fine Registration by Reference Point Cloud Data Based on the Tie Points and Planes. Sensors, 2021, 21, 317.	2.1	9
2	Utility‑pole Detection Based on Interwoven Column Generation from Terrestrial Mobile Laser Scanner Data. Photogrammetric Record, 2021, 36, 402-424.	0.4	1
3	On robust constrained Kalman filter for dynamic errors-in-variables model. Survey Review, 2020, 52, 253-260.	0.7	13
4	Spoofing Detection of Civilian UAVs Using Visual Odometry. ISPRS International Journal of Geo-Information, 2020, 9, 6.	1.4	28
5	A New Tie Plane-Based Method for Fine Registration of Imagery and Point Cloud Dataset. Canadian Journal of Remote Sensing, 2020, 46, 295-312.	1.1	4
6	Development of an automatic map drawing system for ancient bas-reliefs. Journal of Cultural Heritage, 2020, 45, 204-214.	1.5	2
7	Optimal texture image reconstruction method for improvement of SAR image matching. IET Radar, Sonar and Navigation, 2020, 14, 1229-1235.	0.9	8
8	Deep Learning-Based Change Detection Method for Environmental Change Monitoring Using Sentinel-2 Datasets. , 2020, 5, .		2
9	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.	1.4	8
10	Development of a new dual‑pattern fringe projection scanner. Photogrammetric Record, 2019, 34, 63-84.	0.4	3
11	A Modified Local Binary Pattern Descriptor for SAR Image Matching. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 568-572.	1.4	11
12	On constrained integrated total Kalman filter for integrated direct geo-referencing. Survey Review, 2019, 51, 26-34.	0.7	8
13	A robust object-based shadow detection method for cloud-free high resolution satellite images over urban areas and water bodies. Advances in Space Research, 2018, 61, 2787-2800.	1.2	19
14	A solution to dynamic errors-in-variables within system equations. Acta Geodaetica Et Geophysica, 2018, 53, 31-44.	0.7	10
15	SAR Image Matching Improvement Using Image Texture Analysis. , 2018, , .		1
16	Efficient method for outlier removal in SAR image matching based on epipolar geometry. IET Radar, Sonar and Navigation, 2018, 12, 1307-1312.	0.9	3
17	Development of a novel simplification mask for multi-shot optical scanners. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 142, 12-20.	4.9	5
18	Segmentation parameter selection for object-based land-cover mapping from ultra high resolution spectral and elevation data. International Journal of Remote Sensing, 2017, 38, 3586-3607.	1.3	10

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19	A general weighted total Kalman filter algorithm with numerical evaluation. Studia Geophysica Et Geodaetica, 2017, 61, 19-34.	0.3	16
20	Exponential fringe pattern projection approach to gamma-independent phase computation without calibration for gamma nonlinearity in 3D optical metrology. Optics Express, 2017, 25, 24927.	1.7	26
21	USING PIXEL-BASED AND OBJECT-BASED METHODS TO CLASSIFY URBAN HYPERSPECTRAL FEATURES. Geodesy and Cartography, 2016, 42, 92-105.	0.2	3
22	Practical issues for binary code pattern unwrapping in fringe projection method. , 2015, , 561-581.		4
23	Evaluation of intrinsic dimensionality methods using residual and change-point analyses. , 2014, , .		0
24	Development of a New Stereoâ€Panorama System Based on offâ€Theâ€Shelf Stereo Cameras. Photogrammetric Record, 2014, 29, 206-223.	0.4	5
25	Improving the Dynamic Clustering of Hyperspectral Data Based on the Integration of Swarm Optimization and Decision Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2161-2173.	2.3	15
26	Intrinsic Dimensionality Estimation in Hyperspectral Imagery Using Residual and Change-Point Analyses. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2005-2009.	1.4	0
27	Automatic Estimation of Number of Clusters in Hyperspectral Imagery. Photogrammetric Engineering and Remote Sensing, 2014, 80, 619-626.	0.3	1
28	Displacement Measurement of Soil Nail Walls using Close Range Photogrammetry. Procedia Engineering, 2013, 54, 516-524.	1.2	2
29	A Study on Rational Function Model Generation for TerraSAR-X Imagery. Sensors, 2013, 13, 12030-12043.	2.1	10
30	Calibrate kinect to use in computer vision, simplified and precise. , 2013, , .		0
31	Development of a new laser triangulation system based on an optical frame of reference. Photogrammetric Record, 2011, 26, 293-306.	0.4	8
32	Range Camera Self-Calibration Based on Integrated Bundle Adjustment via Joint Setup with a 2D Digital Camera. Sensors, 2011, 11, 8721-8740.	2.1	19
33	Object-based Traffic Sign Detection and Recognition from â€ŽIntegrated Range and Intensity Images. , 2011, , .		2
34	Evacuation planning using multiobjective evolutionary optimization approach. European Journal of Operational Research, 2009, 198, 305-314.	3.5	237
35	Visibility prediction based on artificial neural networks used in automatic network design. Photogrammetric Record, 2007, 22, 336-355.	0.4	8
36	Automatic Camera Placement in Vision Metrology Based On A Fuzzy Inference System. Photogrammetric Engineering and Remote Sensing, 2005, 71, 1375-1385.	0.3	18

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37	Visibility Analysis In Vision Metrology Network Design. Photogrammetric Record, 2004, 19, 219-236.	0.4	22
38	ANN-based visibility prediction for camera placement in vision metrology. , 0, , .		1
39	DETECTION OF STREET LIGHT POLES IN ROAD SCENES FROM MOBILE LIDAR MAPPING DATA FOR ITS APPLICATIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 265-270.	0.2	1
40	A NEW FRAMEWORK FOR OBJECT-BASED IMAGE ANALYSIS BASED ON SEGMENTATION SCALE SPACE AND RANDOM FOREST CLASSIFIER. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 263-268.	0.2	4
41	UAV PHOTOGRAMMETRY: A PRACTICAL SOLUTION FOR CHALLENGING MAPPING PROJECTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 619-623.	0.2	18
42	QUASI-EPIPOLAR RESAMPLING OF HIGH RESOLUTION SATELLITE STEREO IMAGERY FOR SEMI GLOBAL MATCHING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 707-712.	0.2	7
43	A NEW OBJECT-BASED FRAMEWORK TO DETECT SHODOWS IN HIGH-RESOLUTION SATELLITE IMAGERY OVER URBAN AREAS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 713-717.	0.2	4
44	REACH SCALE APPLICATION OF UAV+SFM METHOD IN SHALLOW RIVERS HYPERSPATIAL BATHYMETRY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 77-81.	0.2	15
45	AN EFFICIENT INITIALIZATION METHOD FOR K-MEANS CLUSTERING OF HYPERSPECTRAL DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-2/W3, 35-39.	0.2	4
46	APPLYING CCD CAMERAS IN STEREO PANORAMA SYSTEMS FOR 3D ENVIRONMENT RECONSTRUCTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B5, 257-260.	0.2	0
47	IMPLEMENTATION AND EVALUATION OF A MOBILE MAPPING SYSTEM BASED ON INTEGRATED RANGE AND INTENSITY IMAGES FOR TRAFFIC SIGNS LOCALIZATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B5, 51-56.	0.2	0
48	THREE PRE-PROCESSING STEPS TO INCREASE THE QUALITY OF KINECT RANGE DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W3, 127-132.	0.2	0
49	EFFECT OF DIGITAL FRINGE PROJECTION PARAMETERS ON 3D RECONSTRUCTION ACCURACY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W3, 73-77.	0.2	1
50	AUTOMATIC 3D MAPPING USING MULTIPLE UNCALIBRATED CLOSE RANGE IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W3, 327-332.	0.2	0
51	DEVELOPMENT OF NEUROMORPHIC SIFT OPERATOR WITH APPLICATION TO HIGH SPEED IMAGE MATCHING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 681-688.	0.2	0
52	SENTINEL-1 IMAGE MATCHING USING STRONG SCATTERS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 233-235.	0.2	0
53	OCEAN COLOR RETRIEVAL USING LANDSAT-8 IMAGERY IN COASTAL CASE 2 WATERS (CASE STUDY PERSIAN) Tj ETQq1 1 0.784314 rg Information Sciences - ISPRS Archives, 0, XLI-B8, 1161-1164.	0.2	0
54	ON A NEW FAMILY OF KALMAN FILTER ALGORITHMS FOR INTEGRATED NAVIGATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 503-512.	0.2	0

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55	THE EFFECT OF SHADOW AREA ON SGM ALGORITHM AND DISPARITY MAP REFINEMENT FROM HIGH RESOLUTION SATELLITE STEREO IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 281-286.	0.2	2
56	SPATIAL RESOLUTION ASSESSMENT OF THE TELOPS AIRBORNE TIR IMAGERY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 191-194.	0.2	0