

# Mohammad Saadatseresht

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

598  
citations

933264

10  
h-index

642610

23  
g-index

56  
all docs

56  
docs citations

56  
times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evacuation planning using multiobjective evolutionary optimization approach. <i>European Journal of Operational Research</i> , 2009, 198, 305-314.	3.5	237
2	Spoofing Detection of Civilian UAVs Using Visual Odometry. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 6.	1.4	28
3	Exponential fringe pattern projection approach to gamma-independent phase computation without calibration for gamma nonlinearity in 3D optical metrology. <i>Optics Express</i> , 2017, 25, 24927.	1.7	26
4	Visibility Analysis In Vision Metrology Network Design. <i>Photogrammetric Record</i> , 2004, 19, 219-236.	0.4	22
5	Range Camera Self-Calibration Based on Integrated Bundle Adjustment via Joint Setup with a 2D Digital Camera. <i>Sensors</i> , 2011, 11, 8721-8740.	2.1	19
6	A robust object-based shadow detection method for cloud-free high resolution satellite images over urban areas and water bodies. <i>Advances in Space Research</i> , 2018, 61, 2787-2800.	1.2	19
7	Automatic Camera Placement in Vision Metrology Based On A Fuzzy Inference System. <i>Photogrammetric Engineering and Remote Sensing</i> , 2005, 71, 1375-1385.	0.3	18
8	UAV PHOTOGRAMMETRY: A PRACTICAL SOLUTION FOR CHALLENGING MAPPING PROJECTS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-1/W5, 619-623.	0.2	18
9	A general weighted total Kalman filter algorithm with numerical evaluation. <i>Studia Geophysica Et Geodaetica</i> , 2017, 61, 19-34.	0.3	16
10	Improving the Dynamic Clustering of Hyperspectral Data Based on the Integration of Swarm Optimization and Decision Analysis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 2161-2173.	2.3	15
11	REACH SCALE APPLICATION OF UAV+SFM METHOD IN SHALLOW RIVERS HYPERSPATIAL BATHYMETRY. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-1/W5, 77-81.	0.2	15
12	On robust constrained Kalman filter for dynamic errors-in-variables model. <i>Survey Review</i> , 2020, 52, 253-260.	0.7	13
13	A Modified Local Binary Pattern Descriptor for SAR Image Matching. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 568-572.	1.4	11
14	A Study on Rational Function Model Generation for TerraSAR-X Imagery. <i>Sensors</i> , 2013, 13, 12030-12043.	2.1	10
15	Segmentation parameter selection for object-based land-cover mapping from ultra high resolution spectral and elevation data. <i>International Journal of Remote Sensing</i> , 2017, 38, 3586-3607.	1.3	10
16	A solution to dynamic errors-in-variables within system equations. <i>Acta Geodaetica Et Geophysica</i> , 2018, 53, 31-44.	0.7	10
17	Imagery Network Fine Registration by Reference Point Cloud Data Based on the Tie Points and Planes. <i>Sensors</i> , 2021, 21, 317.	2.1	9
18	Visibility prediction based on artificial neural networks used in automatic network design. <i>Photogrammetric Record</i> , 2007, 22, 336-355.	0.4	8

#	ARTICLE	IF	CITATIONS
19	Development of a new laser triangulation system based on an optical frame of reference. Photogrammetric Record, 2011, 26, 293-306.	0.4	8
20	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
21	On constrained integrated total Kalman filter for integrated direct geo-referencing. Survey Review, 2019, 51, 26-34.	0.7	8
22	Optimal texture image reconstruction method for improvement of SAR image matching. IET Radar, Sonar and Navigation, 2020, 14, 1229-1235.	0.9	8
23	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
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	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
26	Practical issues for binary code pattern unwrapping in fringe projection method. , 2015, , 561-581.		4
27	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
28	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
29	A NEW OBJECT-BASED FRAMEWORK TO DETECT SHADOWS 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
30	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
31	USING PIXEL-BASED AND OBJECT-BASED METHODS TO CLASSIFY URBAN HYPERSPECTRAL FEATURES. Geodesy and Cartography, 2016, 42, 92-105.	0.2	3
32	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
33	Development of a new dualâ€”pattern fringe projection scanner. Photogrammetric Record, 2019, 34, 63-84.	0.4	3
34	Displacement Measurement of Soil Nail Walls using Close Range Photogrammetry. Procedia Engineering, 2013, 54, 516-524.	1.2	2
35	Development of an automatic map drawing system for ancient bas-reliefs. Journal of Cultural Heritage, 2020, 45, 204-214.	1.5	2
36	Object-based Traffic Sign Detection and Recognition from â€”Integrated Range and Intensity Images. , 2011, ,		2

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37	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
38	Deep Learning-Based Change Detection Method for Environmental Change Monitoring Using Sentinel-2 Datasets. , 2020, 5, .		2
39	ANN-based visibility prediction for camera placement in vision metrology. , 0, , .		1
40	Automatic Estimation of Number of Clusters in Hyperspectral Imagery. Photogrammetric Engineering and Remote Sensing, 2014, 80, 619-626.	0.3	1
41	SAR Image Matching Improvement Using Image Texture Analysis. , 2018, , .		1
42	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
43	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
44	Utilityâ€pole Detection Based on Interwoven Column Generation from Terrestrial Mobile Laser Scanner Data. Photogrammetric Record, 2021, 36, 402-424.	0.4	1
45	Calibrate kinect to use in computer vision, simplified and precise. , 2013, , .		0
46	Evaluation of intrinsic dimensionality methods using residual and change-point analyses. , 2014, , .		0
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	OCEAN COLOR RETRIEVAL USING LANDSAT-8 IMAGERY IN COASTAL CASE 2 WATERS (CASE STUDY PERSIAN) Tj ETQq0 0 0 rgBT /Overlo Information Sciences - ISPRS Archives, 0, XLI-B8, 1161-1164.	0.2	0

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55	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
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