

Abdolreza Safari

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77
papers

716
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84
ext. papers

843
ext. citations

2.8
avg, IF

4.47
L-index

#	Paper	IF	Citations
77	Anomaly Detection in Hyperspectral Images Based on an Adaptive Support Vector Method. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 646-650	4.1	97
76	An Approach for Subpixel Anomaly Detection in Hyperspectral Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013 , 6, 769-778	4.7	49
75	Object-based classification of hyperspectral data using Random Forest algorithm. <i>Geo-Spatial Information Science</i> , 2018 , 21, 127-138	3.5	46
74	An Improved FCM Algorithm Based on the SVDD for Unsupervised Hyperspectral Data Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013 , 6, 831-839	4.7	39
73	A COMPARISON STUDY OF DIFFERENT KERNEL FUNCTIONS FOR SVM-BASED CLASSIFICATION OF MULTI-TEMPORAL POLARIMETRY SAR DATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, XL-2/W3</i> , 281-285	2.5	37
72	Large-Scale Total Water Storage and Water Flux Changes over the Arid and Semiarid Parts of the Middle East from GRACE and Reanalysis Products. <i>Surveys in Geophysics</i> , 2017 , 38, 591-615	7.6	35
71	Comparing multi-objective optimization techniques to calibrate a conceptual hydrological model using in situ runoff and daily GRACE data. <i>Computational Geosciences</i> , 2018 , 22, 789-814	2.7	27
70	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 1425-1443	8.1	25
69	Global height datum unification: a new approach in gravity potential space. <i>Journal of Geodesy</i> , 2005 , 79, 512-523	4.5	20
68	A Hybrid Kernel-Based Change Detection Method for Remotely Sensed Data in a Similarity Space. <i>Remote Sensing</i> , 2015 , 7, 12829-12858	5	19
67	Improving the SVDD Approach to Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012 , 9, 594-598	4.1	19
66	Enhanced decision tree ensembles for land-cover mapping from fully polarimetric SAR data. <i>International Journal of Remote Sensing</i> , 2017 , 38, 7138-7160	3.1	16
65	Mapping urban land cover based on spatial-spectral classification of hyperspectral remote-sensing data. <i>International Journal of Remote Sensing</i> , 2016 , 37, 440-454	3.1	15
64	Hybrid SAR Speckle Reduction Using Complex Wavelet Shrinkage and Non-Local PCA-Based Filtering. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 1489-1496 ¹⁴	4.7	14
63	Semi-supervised classification of hyperspectral image using random forest algorithm 2014 ,		14
62	A Novel Multiple Kernel Learning Framework for Multiple Feature Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 3734-3743	4.7	13
61	A new ellipsoidal gravimetric, satellite altimetry and astronomic boundary value problem, a case study: The geoid of Iran. <i>Journal of Geodynamics</i> , 2005 , 39, 545-568	2.2	13

60	Spectral-Spatial Semisupervised Hyperspectral Classification Using Adaptive Neighborhood. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 4183-4197	4.7	11
59	Crop biomass estimation using multi regression analysis and neural networks from multitemporal L-band polarimetric synthetic aperture radar data. <i>International Journal of Remote Sensing</i> , 2019 , 40, 6822-6840	3.1	11
58	A GA-Based Multi-View, Multi-Learner Active Learning Framework for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2020 , 12, 297	5	10
57	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 2012-2021	4.7	9
56	MSMD: maximum separability and minimum dependency feature selection for cropland classification from optical and radar data. <i>International Journal of Remote Sensing</i> , 2018 , 39, 2159-2176	3.1	9
55	Multi-temporal full polarimetry L-band SAR data classification for agriculture land cover mapping 2014 ,		8
54	Particle swarm optimization of kernel-based fuzzy c-means for hyperspectral data clustering. <i>Journal of Applied Remote Sensing</i> , 2012 , 6, 063601	1.4	8
53	Ellipsoidal terrain correction based on multi-cylindrical equal-area map projection of the reference ellipsoid. <i>Journal of Geodesy</i> , 2004 , 78, 114	4.5	8
52	IRG2016: RBF-based regional geoid model of Iran. <i>Studia Geophysica Et Geodaetica</i> , 2018 , 62, 380-407	0.7	7
51	Environmental monitoring based on automatic change detection from remotely sensed data: kernel-based approach. <i>Journal of Applied Remote Sensing</i> , 2015 , 9, 095992	1.4	7
50	Determining the Gravitational Gradient Tensor Using Satellite-Altimetry Observations over the Persian Gulf. <i>Marine Geodesy</i> , 2014 , 37, 404-418	1.2	6
49	Fusion Methods for Land Surface Emissivity and Temperature Retrieval of the Landsat Data Continuity Mission Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 3842-3855	8.1	6
48	A new approach for land surface emissivity estimation using LDCM data in semi-arid areas: exploitation of the ASTER spectral library data set. <i>International Journal of Remote Sensing</i> , 2016 , 37, 5060-5085	3.1	6
47	Natural hazard damage detection based on object-level support vector data description of optical and SAR Earth observations. <i>International Journal of Remote Sensing</i> , 2017 , 38, 3356-3374	3.1	5
46	Local gravity field modeling using spherical radial basis functions and a genetic algorithm. <i>Comptes Rendus - Geoscience</i> , 2017 , 349, 106-113	1.4	5
45	LOCAL EVALUATION OF EARTH GRAVITATIONAL MODELS, CASE STUDY: IRAN. <i>Geodesy and Cartography</i> , 2017 , 43, 1-13	0.8	5
44	Application of the RTM-technique to gravity reduction for tracking near-surface mass-density anomalies: A case study of salt diapirs in Iran. <i>Studia Geophysica Et Geodaetica</i> , 2015 , 59, 409-423	0.7	5
43	Harmonic analysis of the ionospheric electron densities retrieved from FORMOSAT-3/COSMIC radio occultation measurements. <i>Advances in Space Research</i> , 2012 , 49, 1520-1528	2.4	5

42	New Cylindrical Equal Area and Conformal Map Projections of the Reference Ellipsoid for Local Applications. <i>Survey Review</i> , 2007 , 39, 132-144	0.9	5
41	Deep Learning-Based Estimation of Crop Biophysical Parameters Using Multi-Source and Multi-Temporal Remote Sensing Observations. <i>Agronomy</i> , 2021 , 11, 1363	3.6	5
40	Multiple classifier systems for classification of multifrequency PolSAR images with limited training samples. <i>International Journal of Remote Sensing</i> , 2018 , 39, 7547-7567	3.1	5
39	A comparative study on Multiple Kernel Learning for remote sensing image classification 2016 ,		4
38	Graph-based semi-supervised hyperspectral image classification using spatial information 2016 ,		4
37	Separability analysis of multifrequency SAR polarimetric features for land cover classification. <i>Remote Sensing Letters</i> , 2017 , 8, 1152-1161	2.3	4
36	Electrical and Dielectric Characteristics of SrTiO ₃ Thin Films Grown by PE-MOCVD Technique. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 335, 107		4
35	Multiview Active Learning Optimization Based on Genetic Algorithm and Gaussian Mixture Models for Hyperspectral Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 172-176	4.1	4
34	Application of Radial Basis Functions for Height Datum Unification. <i>Geosciences (Switzerland)</i> , 2018 , 8, 369	2.7	4
33	IRG2018: A regional geoid model in Iran using Least Squares Collocation. <i>Studia Geophysica Et Geodaetica</i> , 2019 , 63, 191-214	0.7	3
32	Multiple kernel representation and classification of multivariate satellite-image time-series for crop mapping. <i>International Journal of Remote Sensing</i> , 2018 , 39, 149-168	3.1	3
31	Sparse Reconstruction of Regional Gravity Signal Based on Stabilized Orthogonal Matching Pursuit (SOMP). <i>Pure and Applied Geophysics</i> , 2016 , 173, 2087-2099	2.2	3
30	A numerically efficient technique of regional gravity field modeling using Radial Basis Functions. <i>Comptes Rendus - Geoscience</i> , 2016 , 348, 99-105	1.4	3
29	The effect of soil salinity on the use of the universal triangle method to estimate saline soil moisture from Landsat data: application to the SMAPEX-2 and SMAPEX-3 campaigns. <i>International Journal of Remote Sensing</i> , 2017 , 38, 6623-6652	3.1	3
28	A fast-adaptive support vector method for full-pixel anomaly detection in hyperspectral images 2011 ,		3
27	Evaluation of different gravimetric methods to Moho recovery in Iran. <i>Annals of Geophysics</i> , 2019 , 62,	1.1	3
26	Gaussian mixture model and Markov random fields for hyperspectral image classification. <i>European Journal of Remote Sensing</i> , 2018 , 51, 889-900	2.9	3
25	The Effect of Noise on Geoid Height in Stokes-Helmert Method. <i>International Association of Geodesy Symposia</i> , 2017 , 25-29	0.8	2

24	ASSESSMENT OF OPTIMUM VALUE FOR DIP ANGLE AND LOCKING RATE PARAMETERS IN MAKRAN SUBDUCTION ZONE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, XLII-4/W4</i> , 523-529	2.5	2
23	CLUSTERING OF MULTI-TEMPORAL FULLY POLARIMETRIC L-BAND SAR DATA FOR AGRICULTURAL LAND COVER MAPPING. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, XL-1/W5</i> , 701-705	2.5	2
22	A New Convolutional Kernel Classifier for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 1-1	4.7	2
21	An auto-encoder based classifier for crop mapping from multitemporal multispectral imagery. <i>International Journal of Remote Sensing</i> , 2021 , 42, 986-1016	3.1	2
20	Fast approximation algorithm to noise components estimation in long-term GPS coordinate time series. <i>Journal of Geodesy</i> , 2021 , 95, 1	4.5	2
19	A computationally efficient multi-domain active learning method for crop mapping using satellite image time-series. <i>International Journal of Remote Sensing</i> , 2019 , 40, 6383-6394	3.1	1
18	Single point positioning performance of single-frequency code-based mode with ionospheric modelling: a case study over Iran. <i>Journal of Spatial Science</i> , 2020 , 1-22	1.6	1
17	Fast collocation for Moho estimation from GOCE gravity data: the Iran case study. <i>Geophysical Journal International</i> , 2020 , 221, 651-664	2.6	1
16	A special case of the Poisson PDE formulated for Earth's surface and its capability to approximate the terrain mass density employing land-based gravity data, a case study in the south of Iran. <i>Geophysical Journal International</i> , 2016 , 207, 1529-1553	2.6	1
15	An efficient framework for spectral-spatial classification of hyperspectral images in urban areas 2014 ,		1
14	An improved marker selection method for hyperspectral image segmentation and classification 2014 ,		1
13	MOCVD Growth of Epitaxial SrTiO ₃ Thin Films on YBa ₂ Cu ₃ O _{7-x} /LaAlO ₃ . <i>Materials Research Society Symposia Proceedings</i> , 1993 , 335, 113		1
12	SPHEROIDAL SPLINE INTERPOLATION AND ITS APPLICATION IN GEODESY. <i>Geodesy and Cartography</i> , 2020 , 46, 123-135	0.8	1
11	A New Statistical Test Based on the WR for Detecting Offsets in GPS Experiment. <i>Earth and Space Science</i> , 2020 , 7, e2019EA000810	3.1	1
10	Adaptive Self-Learned Active Learning Framework for Hyperspectral Classification 2019 ,		1
9	Development of a hybrid tomography model based on principal component analysis of the atmospheric dynamics and GPS tracking data. <i>GPS Solutions</i> , 2022 , 26, 1	4.4	0
8	A numerical investigation into the ability of the Poisson PDE to extract the mass-density from land-based gravity data: A case study of salt diapirs in the north coast of the Persian Gulf. <i>Journal of Applied Geophysics</i> , 2017 , 143, 50-61	1.7	
7	A recovered Moho model by integrated inversion of gravity and seismic depths in Iran. <i>Heliyon</i> , 2020 , 6, e03636	3.6	

6	Estimation of Natural Hazard Damages through the Fusion of Change Maps Obtained from Optical and Radar Earth Observations. <i>Proceedings (mdpi)</i> , 2018 , 2, 365	0.3
5	Surface Smoothing Process of YBa ₂ Cu ₃ O _{7-x} Thin Film for Fabrication of Superconducting Multi-Chip Modules. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 318, 665	
4	Combination of regional and global geoid models at continental scale: application to Iranian geoid. <i>Annals of Geophysics</i> , 2021 , 64, GD434	1.1
3	Multi-GNSS (GPS/Galileo) single-frequency precise point positioning: a case study over Victoria. <i>Earth Science Informatics</i> , 2021 , 14, 1303-1313	2.5
2	Precise estimation of horizontal displacement by combination of multi-GNSS (Galileo and GPS) observations via the LS-VCE method. <i>Applied Geomatics</i> , 1	2.2
1	Establishment of a corrective geoid surface by spline approximation of Iranian GNSS/levelling network. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022 , 111341	4.6