Abdolreza Safari

List of Publications by Year in Descending Order

77 papers	716 citations	14 h-index	23 g-index
84 ext. papers	843 ext. citations	2.8 avg, IF	4.47 L-index

#	Paper	IF	Citations
77	Establishment of a corrective geoid surface by spline approximation of Iranian GNSS/levelling network. *Measurement: Journal of the International Measurement Confederation*, **2022**, 111341	4.6	
76	Development of a hybrid tomography model based on principal component analysis of the atmospheric dynamics and GPS tracking data. *GPS Solutions*, **2022**, 26, 1	4.4	0
75	Combination of regional and global geoid models at continental scale: application to Iranian geoid. *Annals of Geophysics*, **2021**, 64, GD434	1.1	
74	A New Convolutional Kernel Classifier for Hyperspectral Image Classification. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2021**, 1-1	4.7	2
73	Deep Learning-Based Estimation of Crop Biophysical Parameters Using Multi-Source and Multi-Temporal Remote Sensing Observations. *Agronomy*, **2021**, 11, 1363	3.6	5
72	Multi-GNSS (GPS/Galileo) single-frequency precise point positioning: a case study over Victoria. *Earth Science Informatics*, **2021**, 14, 1303-1313	2.5	
71	An auto-encoder based classifier for crop mapping from multitemporal multispectral imagery. *International Journal of Remote Sensing*, **2021**, 42, 986-1016	3.1	2
70	Fast approximation algorithm to noise components estimation in long-term GPS coordinate time series. *Journal of Geodesy*, **2021**, 95, 1	4.5	2
69	Single point positioning performance of single-frequency code-based mode with ionospheric modelling: a case study over Iran. *Journal of Spatial Science*, **2020**, 1-22	1.6	1
68	A recovered Moho model by integrated inversion of gravity and seismic depths in Iran. *Heliyon*, **2020**, 6, e03636	3.6	
67	A GA-Based Multi-View, Multi-Learner Active Learning Framework for Hyperspectral Image Classification. *Remote Sensing*, **2020**, 12, 297	5	10
66	Fast collocation for Moho estimation from GOCE gravity data: the Iran case study. *Geophysical Journal International*, **2020**, 221, 651-664	2.6	1
65	SPHEROIDAL SPLINE INTERPOLATION AND ITS APPLICATION IN GEODESY. *Geodesy and Cartography*, **2020**, 46, 123-135	0.8	1
64	A New Statistical Test Based on the WR for Detecting Offsets in GPS Experiment. *Earth and Space Science*, **2020**, 7, e2019EA000810	3.1	1
63	Multiview Active Learning Optimization Based on Genetic Algorithm and Gaussian Mixture Models for Hyperspectral Data. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 172-176	4.1	4
62	Hybrid SAR Speckle Reduction Using Complex Wavelet Shrinkage and Non-Local PCA-Based Filtering. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 1489-1496	4.7	14
61	IRG2018: A regional geoid model in Iran using Least Squares Collocation. *Studia Geophysica Et Geodaetica*, **2019**, 63, 191-214	0.7	3

60	A computationally efficient multi-domain active learning method for crop mapping using satellite image time-series. *International Journal of Remote Sensing*, **2019**, 40, 6383-6394	3.1	1
59	Crop biomass estimation using multi regression analysis and neural networks from multitemporal L-band polarimetric synthetic aperture radar data. *International Journal of Remote Sensing*, **2019**, 40, 6822-6840	3.1	11
58	Evaluation of different gravimetric methods to Moho recovery in Iran. *Annals of Geophysics*, **2019**, 62,	1.1	3
57	Adaptive Self-Learned Active Learning Framework for Hyperspectral Classification **2019**,		1
56	. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 1425-1443	8.1	25
55	Object-based classification of hyperspectral data using Random Forest algorithm. *Geo-Spatial Information Science*, **2018**, 21, 127-138	3.5	46
54	MSMD: maximum separability and minimum dependency feature selection for cropland classification from optical and radar data. *International Journal of Remote Sensing*, **2018**, 39, 2159-2176	3.1	9
53	Comparing multi-objective optimization techniques to calibrate a conceptual hydrological model using in situ runoff and daily GRACE data. *Computational Geosciences*, **2018**, 22, 789-814	2.7	27
52	Multiple kernel representation and classification of multivariate satellite-image time-series for crop mapping. *International Journal of Remote Sensing*, **2018**, 39, 149-168	3.1	3
51	IRG2016: RBF-based regional geoid model of Iran. *Studia Geophysica Et Geodaetica*, **2018**, 62, 380-407	0.7	7
50	Estimation of Natural Hazard Damages through the Fusion of Change Maps Obtained from Optical and Radar Earth Observations. *Proceedings (mdpi)*, **2018**, 2, 365	0.3	
49	Gaussian mixture model and Markov random fields for hyperspectral image classification. *European Journal of Remote Sensing*, **2018**, 51, 889-900	2.9	3
48	Application of Radial Basis Functions for Height Datum Unification. *Geosciences (Switzerland)*, **2018**, 8, 369	2.7	4
47	Multiple classifier systems for classification of multifrequency PolSAR images with limited training samples. *International Journal of Remote Sensing*, **2018**, 39, 7547-7567	3.1	5
46	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 2012-2021	4.7	9
45	Natural hazard damage detection based on object-level support vector data description of optical and SAR Earth observations. *International Journal of Remote Sensing*, **2017**, 38, 3356-3374	3.1	5
44	Local gravity field modeling using spherical radial basis functions and a genetic algorithm. *Comptes Rendus - Geoscience*, **2017**, 349, 106-113	1.4	5
43	A Novel Multiple Kernel Learning Framework for Multiple Feature Classification. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 3734-3743	4.7	13

42	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. *Journal of Applied Geophysics*, **2017**, 143, 50-61	1.7	
41	Spectral–Spatial Semisupervised Hyperspectral Classification Using Adaptive Neighborhood. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 4183-4197	4.7	11
40	Large-Scale Total Water Storage and Water Flux Changes over the Arid and Semiarid Parts of the Middle East from GRACE and Reanalysis Products. *Surveys in Geophysics*, **2017**, 38, 591-615	7.6	35
39	LOCAL EVALUATION OF EARTH GRAVITATIONAL MODELS, CASE STUDY: IRAN. *Geodesy and Cartography*, **2017**, 43, 1-13	0.8	5
38	Enhanced decision tree ensembles for land-cover mapping from fully polarimetric SAR data. *International Journal of Remote Sensing*, **2017**, 38, 7138-7160	3.1	16
37	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. *International Journal of Remote Sensing*, **2017**, 38, 6623-6652	3.1	3
36	Separability analysis of multifrequency SAR polarimetric features for land cover classification. *Remote Sensing Letters*, **2017**, 8, 1152-1161	2.3	4
35	The Effect of Noise on Geoid Height in Stokes-Helmert Method. *International Association of Geodesy Symposia*, **2017**, 25-29	0.8	2
34	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. *Geophysical Journal International*, **2016**, 207, 1529-1553	2.6	1
33	A comparative study on Multiple Kernel Learning for remote sensing image classification **2016**,		4
32	Graph-based semi-supervised hyperspectral image classification using spatial information **2016**,		4
31	Sparse Reconstruction of Regional Gravity Signal Based on Stabilized Orthogonal Matching Pursuit (SOMP). *Pure and Applied Geophysics*, **2016**, 173, 2087-2099	2.2	3
30	A numerically efficient technique of regional gravity field modeling using Radial Basis Functions. *Comptes Rendus - Geoscience*, **2016**, 348, 99-105	1.4	3
29	Mapping urban land cover based on spatial-spectral classification of hyperspectral remote-sensing data. *International Journal of Remote Sensing*, **2016**, 37, 440-454	3.1	15
28	Fusion Methods for Land Surface Emissivity and Temperature Retrieval of the Landsat Data Continuity Mission Data. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 3842-3855	8.1	6
27	A new approach for land surface emissivity estimation using LDCM data in semi-arid areas: exploitation of the ASTER spectral library data set. *International Journal of Remote Sensing*, **2016**, 37, 5060-5085	3.1	6
26	Application of the RTM-technique to gravity reduction for tracking near-surface mass-density anomalies: A case study of salt diapirs in Iran. *Studia Geophysica Et Geodaetica*, **2015**, 59, 409-423	0.7	5
25	A Hybrid Kernel-Based Change Detection Method for Remotely Sensed Data in a Similarity Space. *Remote Sensing*, **2015**, 7, 12829-12858	5	19

24	Environmental monitoring based on automatic change detection from remotely sensed data: kernel-based approach. *Journal of Applied Remote Sensing*, **2015**, 9, 095992	1.4	7
23	An efficient framework for spectral-spatial classification of hyperspectral images in urban areas **2014**,		1
22	Determining the Gravitational Gradient Tensor Using Satellite-Altimetry Observations over the Persian Gulf. *Marine Geodesy*, **2014**, 37, 404-418	1.2	6
21	An improved marker selection method for hyperspectral image segmentation and classification **2014**,		1
20	Semi-supervised classification of hyperspectral image using random forest algorithm **2014**,		14
19	Multi-temporal full polarimetry L-band SAR data classification for agriculture land cover mapping **2014**,		8
18	An Approach for Subpixel Anomaly Detection in Hyperspectral Images. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2013**, 6, 769-778	4.7	49
17	An Improved FCM Algorithm Based on the SVDD for Unsupervised Hyperspectral Data Classification. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2013**, 6, 831-839	4.7	39
16	Improving the SVDD Approach to Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters*, **2012**, 9, 594-598	4.1	19
15	Harmonic analysis of the ionospheric electron densities retrieved from FORMOSAT-3/COSMIC radio occultation measurements. *Advances in Space Research*, **2012**, 49, 1520-1528	2.4	5
14	Particle swarm optimization of kernel-based fuzzy c-means for hyperspectral data clustering. *Journal of Applied Remote Sensing*, **2012**, 6, 063601	1.4	8
13	A fast-adaptive support vector method for full-pixel anomaly detection in hyperspectral images **2011**,		3
12	Anomaly Detection in Hyperspectral Images Based on an Adaptive Support Vector Method. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 646-650	4.1	97
11	New Cylindrical Equal Area and Conformal Map Projections of the Reference Ellipsoid for Local Applications. *Survey Review*, **2007**, 39, 132-144	0.9	5
10	A new ellipsoidal gravimetric, satellite altimetry and astronomic boundary value problem, a case study: The geoid of Iran. *Journal of Geodynamics*, **2005**, 39, 545-568	2.2	13
9	Global height datum unification: a new approach in gravity potential space. *Journal of Geodesy*, **2005**, 79, 512-523	4.5	20
8	Ellipsoidal terrain correction based on multi-cylindrical equal-area map projection of the reference ellipsoid. *Journal of Geodesy*, **2004**, 78, 114	4.5	8
7	Surface Smoothing Process of YBa2Cu3O7⊠ Thin Film for Fabrication of Superconducting Multi-Chip Modules. *Materials Research Society Symposia Proceedings*, **1993**, 318, 665		

6	Electrical and Dielectric Characteristics of SrTiO3 Thin Films Grown by PE-MOCVD Technique. *Materials Research Society Symposia Proceedings*, **1993**, 335, 107		4
5	MOCVD Growth of Epitaxial SrTiO3 Thin Films on YBa2 Cu3O7⊠/LaAlO3. *Materials Research Society Symposia Proceedings*, **1993**, 335, 113		1
4	ASSESSMENT OF OPTIMUM VALUE FOR DIP ANGLE AND LOCKING RATE PARAMETERS IN MAKRAN SUBDUCTION ZONE. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*,XLII-4/W4, 523-529	2.5	2
3	CLUSTERING OF MULTI-TEMPORAL FULLY POLARIMETRIC L-BAND SAR DATA FOR AGRICULTURAL LAND COVER MAPPING. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*,XL-1/W5, 701-705	2.5	2
2	A COMPARISON STUDY OF DIFFERENT KERNEL FUNCTIONS FOR SVM-BASED CLASSIFICATION OF MULTI-TEMPORAL POLARIMETRY SAR DATA. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*,XL-2/W3, 281-285	2.5	37
1	Precise estimation of horizontal displacement by combination of multi-GNSS (Galileo and GPS) observations via the LS-VCE method. *Applied Geomatics*,1	2.2	