

Asjad Amin

List of Publications by Year in descending order

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37
papers

393
citations

933447

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888059

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g-index

37
all docs

37
docs citations

37
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Concurrent Detection of Salt Domes and Faults in Seismic Surveys Using an Improved UNet Architecture. IEEE Access, 2022, 10, 39424-39435.	4.2	13
2	A Multitone Model-Based Seismic Data Compression. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1030-1040.	9.3	5
3	Human Immune-Based Intrusion Detection and Prevention System for Fog Computing. Journal of Network and Systems Management, 2022, 30, 1.	4.9	10
4	An IoT-Based School Bus and Vehicle Tracking System Using RFID Technology and Mobile Data Networks. Arabian Journal for Science and Engineering, 2021, 46, 3087-3097.	3.0	21
5	Deep Neural Networks with Extreme Learning Machine for Seismic Data Compression. Arabian Journal for Science and Engineering, 2020, 45, 1367-1377.	3.0	28
6	Self-Supervised Annotation of Seismic Images Using Latent Space Factorization. , 2020, , .		3
7	A smart wireless sensor network node for fire detection. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 2541-2556.	1.4	9
8	Blind noise estimation and denoising filter for recovery of microquake signals. Exploration Geophysics, 2019, 50, 502-513.	1.1	1
9	New attributes for salt dome detection in 3D seismic data using higher order SVD. Journal of Applied Geophysics, 2019, 163, 108-116.	2.1	4
10	Preference-based smart parking system in a university campus. IET Intelligent Transport Systems, 2019, 13, 417-423.	3.0	15
11	LMS for Truncate CSI Feedback in Massive MIMO. , 2019, , .		0
12	Color image segmentation by combining the convex active contour and the Chan Vese model. Pattern Analysis and Applications, 2019, 22, 343-357.	4.6	4
13	Classifiers Combination Techniques: A Comprehensive Review. IEEE Access, 2018, 6, 19626-19639.	4.2	93
14	A Distributed Principal Component Analysis Compression for Smart Seismic Acquisition Networks. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3020-3029.	6.3	26
15	Variable Step-Size Discrete Cosine Transform Diffusion LMS over Multi-task Networks. , 2018, , .		0
16	A Two-Stage Hierarchical Bilingual Emotion Recognition System Using a Hidden Markov Model and Neural Networks. Arabian Journal for Science and Engineering, 2017, 42, 5231-5249.	3.0	15
17	Phase Congruency for image understanding with applications in computational seismic interpretation. , 2017, , .		5
18	On the performance of wavelet families in face recognition using a multilayer perceptron neural network classifier. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Multi-operator spectrum sharing in next generation wireless communications networks: A short review and roadmap to future. , 2017, , .		3
20	On the performance of ensemble-based classifiers for Arabic speech recognition. , 2017, , .		1
21	Salt-Dome Detection Using a Codebook-Based Learning Model. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1636-1640.	3.1	24
22	A hybrid approach for salt dome detection in 2D and 3D seismic data. , 2015, , .		25
23	A multilevel memory-assisted lossless compression algorithm for medical images. , 2015, , .		1
24	Robust image segmentation based on convex active contours and the Chan Vese model. , 2014, , .		2
25	A memory-assisted lossless compression algorithm for medical images. , 2014, , .		6
26	A survey of image-based Arabic sign language recognition. , 2014, , .		20
27	On the validity of Gaussian approximations to exact test statistics of energy detector based spectrum sensing for cognitive radios. , 2014, , .		3
28	A Fast Geodesic Active Contour Model for Medical Image Segmentation Using Prior Analysis and Wavelets. Arabian Journal for Science and Engineering, 2014, 39, 1017-1037.	1.1	5
29	Arabic sign language recognition by decisions fusion using Dempster-Shafer theory of evidence. , 2013, , .		17
30	A two-threshold cooperative spectrum sensing algorithm using swarm intelligence. , 2013, , .		6
31	Wireless Sensor Networks for Pilgrims Tracking. IEEE Embedded Systems Letters, 2012, 4, 106-109.	1.9	23
32	Real-time implementation of a deconvolution filter for gamma ray spectroscopy. Instruments and Experimental Techniques, 2011, 54, 30-36.	0.5	1
33	A fast Geodesic Active Contour model for medical images segmentation using prior analysis. , 2010, , .		0
34	A Noise Constrained Least Mean Fourth Adaptive Algorithm. , 2007, , .		1
35	Pose-Invariant Face Recognition Using Subspace Techniques. , 2005, , 169-200.		1
36	Intelligent Iris Recognition Using Neural Networks. , 2005, , 145-167.		1

#	ARTICLE	IF	CITATIONS
37	Multi-Channel Subspace Mapping Using an Information Maximization Criterion. Multidimensional Systems and Signal Processing, 2004, 15, 117-145.	2.6	0