

# Ali Sadr

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

290  
citations

1163117

8  
h-index

1058476

14  
g-index

50  
all docs

50  
docs citations

50  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of early mild cognitive impairment using a multiobjective optimization algorithm based on T1-MRI data. <i>Scientific Reports</i> , 2022, 12, 1020.	3.3	1
2	Comparison of cortical and subcortical structural segmentation methods in Alzheimer's disease: A statistical approach. <i>Journal of Clinical Neuroscience</i> , 2022, 99, 99-108.	1.5	2
3	Classification of early-MCI patients from healthy controls using evolutionary optimization of graph measures of resting-state fMRI, for the Alzheimer's disease neuroimaging initiative. <i>PLoS ONE</i> , 2022, 17, e0267608.	2.5	11
4	Modular neural networks for quality of transmission prediction in low-margin optical networks. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 361-375.	7.3	1
5	Machine learning-based QOT prediction for self-driven optical networks. <i>Neural Computing and Applications</i> , 2021, 33, 2919-2928.	5.6	5
6	A rapid nanobiosensing platform based on herceptin-conjugated graphene for ultrasensitive detection of circulating tumor cells in early breast cancer. <i>Nanotechnology Reviews</i> , 2021, 10, 744-753.	5.8	27
7	Exponential Synchronization of Markovian Jump Complex Dynamical Networks with Uncertain Transition Rates and Mode-Dependent Coupling Delay. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 3875-3906.	2.0	5
8	Robust exponential synchronization of a Markovian jump complex dynamical network with piecewise homogeneous Markovian parameters. <i>IMA Journal of Mathematical Control and Information</i> , 2020, 37, 1168-1191.	1.7	1
9	A Hardware Implementation for Colour Edge Detection Using Prewitt-Inspired Filters Based on Geometric Algebra. <i>Advances in Applied Clifford Algebras</i> , 2019, 29, 1.	1.0	3
10	Exponential synchronization of a complex dynamical network with piecewise-homogeneous Markovian jump structure and coupling delay. , 2019, , .		1
11	Multifunctional Magnetic Nanoparticles-Labeled Mesenchymal Stem Cells for Hyperthermia and Bioimaging Applications. <i>Methods in Molecular Biology</i> , 2019, 2125, 57-72.	0.9	3
12	Exponential synchronization of a Markovian jump complex dynamic network with piecewise-constant transition rates and distributed delay. <i>Transactions of the Institute of Measurement and Control</i> , 2019, 41, 2535-2544.	1.7	5
13	Signal Processing for NDE. , 2019, , 1525-1543.		2
14	Real-time interference detection and mitigation in robust tracking loop of GPS receiver. <i>Analog Integrated Circuits and Signal Processing</i> , 2018, 95, 93-113.	1.4	3
15	Automatic microstructural characterization and classification using probabilistic neural network on ultrasound signals. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 1923-1940.	7.3	9
16	Supercontinuum generation with femtosecond optical pulse compression in silicon photonic crystal fibers at 2500Ånm. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	34
17	Signal Processing for NDE. , 2018, , 1-19.		6
18	Automatic microstructural characterization and classification using dual tree complex wavelet-based features and Bees Algorithm. <i>Neural Computing and Applications</i> , 2017, 28, 1877-1889.	5.6	11

#	ARTICLE	IF	CITATIONS
19	Supercontinuum generation for optical coherence tomography using magnesium fluoride photonic crystal fiber. <i>Optik</i> , 2017, 140, 545-554.	2.9	48
20	A Novel Ratio-Phase Metric of Signal Quality Monitoring for Real-Time Detection of GPS Interference. <i>Wireless Personal Communications</i> , 2017, 97, 2799-2818.	2.7	2
21	Extracting the region of interest from MFL signals. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 427-434.	1.4	2
22	Automatic Microstructural Characterization and Classification Using Higher-Order Spectra on Ultrasound Signals. <i>Journal of Nondestructive Evaluation</i> , 2016, 35, 1.	2.4	10
23	Effects of short term and long term Extremely Low Frequency Magnetic Field on depressive disorder in mice: Involvement of nitric oxide pathway. <i>Life Sciences</i> , 2016, 146, 52-57.	4.3	9
24	Application of Linear Discriminant Analysis to Ultrasound Signals for Automatic Microstructural Characterization and Classification. <i>Journal of Signal Processing Systems</i> , 2016, 83, 411-421.	2.1	11
25	An Implementing Consideration for the Key in a BSS-Based Cryptosystem. <i>Wireless Personal Communications</i> , 2015, 80, 17-28.	2.7	2
26	Security in the speech cryptosystem based on blind sources separation. <i>Multimedia Tools and Applications</i> , 2015, 74, 9715-9728.	3.9	9
27	Modeling Photonic Crystal Fiber for Efficient Soliton-Effect Compression of Femtosecond Optical Pulses at 850Ånm. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 3917-3923.	1.1	5
28	Thresholding attack on the BSS-based cryptosystem which has binary key. <i>International Journal of Electronic Security and Digital Forensics</i> , 2014, 6, 81.	0.2	1
29	Weighted Hamming distance for PUF performance evaluation. <i>Electronics Letters</i> , 2013, 49, 1376-1378.	1.0	9
30	Sampling and clustering algorithm for determining the number of clusters based on the rosette pattern. <i>Optical Engineering</i> , 2012, 51, 017204.	1.0	0
31	DENOISING NONINVASIVE LASER-ULTRASOUND SIGNALS BASED ON COMBINATION OF WAVELET TRANSFORM AND INDEPENDENT COMPONENT ANALYSIS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2012, 24, 411-423.	0.6	1
32	Design and simulation of ultrasonic denoising algorithm using wavelet transform and ICA. , 2010, , .		3
33	T wave detection by correlation method in the ECG signal. , 2010, , .		3
34	Computation of transient Eddy currents in EMATs using discrete Picard Method. , 2010, , .		0
35	Finite-element simulation of effects of laser parameters on laser generated ultrasonic waves in human skin. , 2010, , .		4
36	Leukocyte's nucleus segmentation using active contour in YCbCr colour space. , 2010, , .		6

#	ARTICLE	IF	CITATIONS
37	Detecting T-wave Using Separated Beats by Adaptive Threshold. , 2009, , .		2
38	Numerical Simulation of Laser-Generated Ultrasonic Waves in Human Skin with Different Epidermis Thicknesses. , 2009, , .		1
39	A Real-Time Algorithm to Detect Inverted and Symmetrical T-Wave. , 2009, , .		3
40	A Novel Approach Based on Rosette Pattern for Defects Detection in Ultrasound Images. , 2009, , .		0
41	Generation and detection of nano ultrasound waves with a multiple strained layer structure. Optical and Quantum Electronics, 2008, 40, 577-586.	3.3	2
42	Comparison of Using Different Types of Wavelet or FFT for De-noising of Body Surface Potential Signals. , 2008, , .		1
43	Generating High Quality Pseudo Random Number Using Evolutionary methods. , 2008, , .		16
44	Optimum wavelet design for noise reduction and feature extraction. , 2007, , .		2
45	Design of Optimum Wavelet for Noise Suppression and its Application to Ultrasonic Echo Delay Estimation. , 2007, , .		3
46	Performance of Wavelet - Based Threshold Selection Schemes for Watermark Detection. , 2007, , .		0
47	A Parallelized and Pipelined Datapath to Implement ISODATA Algorithm for Rosette Scan Images on a Reconfigurable Hardware. , 2007, , .		0
48	A High Speed and Power Controlled CMOS Edge Detector for 2.5 Gb/s Clock Recovery Circuit. , 2006, , .		0