Muhammad Amir

List of Publications by Year
in descending order

22 papers	406 citations	1040056 9 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	465 citing authors

#	Article	IF	Citations
1	Deep Feature Selection and Decision Level Fusion for Lungs Nodule Classification. IEEE Access, 2021, 9, 18962-18973.	4.2	19
2	Pulmonary Nodule Classification Using Feature and Ensemble Learning-Based Fusion Techniques. IEEE Access, 2021, 9, 113415-113427.	4.2	12
3	Task Priority-Based Cached-Data Prefetching and Eviction Mechanisms for Performance Optimization of Edge Computing Clusters. Security and Communication Networks, 2021, 2021, 1-10.	1.5	4
4	Accelerated sparsity based reconstruction of compressively sensed multichannel EEG signals. PLoS ONE, 2020, 15, e0225397.	2.5	5
5	Present Status and Potential of Biomass Energy in Pakistan Based on Existing and Future Renewable Resources. Sustainability, 2020, 12, 249.	3.2	49
6	Efficient Lung Nodule Classification Using Transferable Texture Convolutional Neural Network. IEEE Access, 2020, 8, 175859-175870.	4.2	41
7	LSTPD: Least Slack Time-Based Preemptive Deadline Constraint Scheduler for Hadoop Clusters. IEEE Access, 2020, 8, 111751-111762.	4.2	10
8	Coupled Fluid-Structure Interaction Modelling of Loads Variation and Fatigue Life of a Full-Scale Tidal Turbine under the Effect of Velocity Profile. Energies, 2019, 12, 2217.	3.1	18
9	Application of Compressive Sensing to Ultrasound Images: A Review. BioMed Research International, 2019, 2019, 1-14.	1.9	10
10	A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends. Pattern Analysis and Applications, 2019, 22, 767-802.	4.6	59
11	Wavelet Based De-noising Using Logarithmic Shrinkage Function. Wireless Personal Communications, 2018, 98, 1473-1488.	2.7	8
12	Ultrasound Compressive Sensing Using BCS-FOCUSS. , 2018, , .		4
13	A robust technique based on VLM and Frangi filter for retinal vessel extraction and denoising. PLoS ONE, 2018, 13, e0192203.	2.5	31
14	A Morphological Hessian Based Approach for Retinal Blood Vessels Segmentation and Denoising Using Region Based Otsu Thresholding. PLoS ONE, 2016, 11, e0158996.	2.5	81
15	B-COSFIRE filter and VLM based retinal blood vessels segmentation and denoising. , 2016, , .		14
16	Poisson noise reduction in scintigraphic images using Gradient Adaptive Trimmed Mean filter. , 2016, , .		9
17	Numerical Solution to Generalized Burgers'-Fisher Equation Using Exp-Function Method Hybridized with Heuristic Computation. PLoS ONE, 2015, 10, e0121728.	2.5	16
18	Nature Inspired Computational Technique for the Numerical Solution of Nonlinear Singular Boundary Value Problems Arising in Physiology. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	5

#	Article	IF	Citations
19	Compressively sampled magnetic resonance image reconstruction using separable surrogate functional method. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2014, 43, 157-165.	0.5	8
20	Source extraction from functional magnetic resonance imaging data using ICA based on fourth-order and exponential contrast functions. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2013, 36, 730-742.	1.1	1
21	Unmixing functional magnetic resonance imaging data using matrix factorization. International Journal of Imaging Systems and Technology, 2012, 22, 195-199.	4.1	1
22	Adaptive equalization of a nonlinear recursive channel using Gaussian RBF based network. , 2012, , .		1