

Muhammad Amir

List of Publications by Year in descending order

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465
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends. Pattern Analysis and Applications, 2019, 22, 767-802.	4.6	59
3	Present Status and Potential of Biomass Energy in Pakistan Based on Existing and Future Renewable Resources. Sustainability, 2020, 12, 249.	3.2	49
4	Efficient Lung Nodule Classification Using Transferable Texture Convolutional Neural Network. IEEE Access, 2020, 8, 175859-175870.	4.2	41
5	A robust technique based on VLM and Frangi filter for retinal vessel extraction and denoising. PLoS ONE, 2018, 13, e0192203.	2.5	31
6	Deep Feature Selection and Decision Level Fusion for Lungs Nodule Classification. IEEE Access, 2021, 9, 18962-18973.	4.2	19
7	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
8	Numerical Solution to Generalized Burgers'-Fisher Equation Using Exp-Function Method Hybridized with Heuristic Computation. PLoS ONE, 2015, 10, e0121728.	2.5	16
9	B-COSFIRE filter and VLM based retinal blood vessels segmentation and denoising. , 2016, , .		14
10	Pulmonary Nodule Classification Using Feature and Ensemble Learning-Based Fusion Techniques. IEEE Access, 2021, 9, 113415-113427.	4.2	12
11	Application of Compressive Sensing to Ultrasound Images: A Review. BioMed Research International, 2019, 2019, 1-14.	1.9	10
12	LSTPD: Least Slack Time-Based Preemptive Deadline Constraint Scheduler for Hadoop Clusters. IEEE Access, 2020, 8, 111751-111762.	4.2	10
13	Poisson noise reduction in scintigraphic images using Gradient Adaptive Trimmed Mean filter. , 2016, , .		9
14	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
15	Wavelet Based De-noising Using Logarithmic Shrinkage Function. Wireless Personal Communications, 2018, 98, 1473-1488.	2.7	8
16	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
17	Accelerated sparsity based reconstruction of compressively sensed multichannel EEG signals. PLoS ONE, 2020, 15, e0225397.	2.5	5
18	Ultrasound Compressive Sensing Using BCS-FOCUSS. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	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
20	Unmixing functional magnetic resonance imaging data using matrix factorization. International Journal of Imaging Systems and Technology, 2012, 22, 195-199.	4.1	1
21	Adaptive equalization of a nonlinear recursive channel using Gaussian RBF based network. , 2012, , .		1
22	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 Hsueh K'an, 2013, 36, 730-742.	1.1	1