Shahzad Ahmad Qureshi

List of Publications by Year
in descending order

23 papers	282 citations	1040056 9 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	159 citing authors

#	Article	IF	Citations
1	Intelligent Ultra-Light Deep Learning Model for Multi-Class Brain Tumor Detection. Applied Sciences (Switzerland), 2022, 12, 3715.	2.5	46
2	A review of the medical hyperspectral imaging systems and unmixing algorithms' in biological tissues. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102165.	2.6	45
3	A New Deep Hybrid Boosted and Ensemble Learning-Based Brain Tumor Analysis Using MRI. Sensors, 2022, 22, 2726.	3.8	41
4	Analysis of hepatitis C infection using Raman spectroscopy and proximity based classification in the transformed domain. Biomedical Optics Express, 2018, 9, 2041.	2.9	22
5	Mitosis detection in breast cancer histopathology images using hybrid feature space. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101885.	2.6	22
6	Anomalies Prediction in Radon Time Series for Earthquake Likelihood Using Machine Learning-Based Ensemble Model. IEEE Access, 2022, 10, 37984-37999.	4.2	17
7	Biomedical Applications of Integrating Sphere: A Review. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101712.	2.6	12
8	Smart Cities-Based Improving Atmospheric Particulate Matters Prediction Using Chi-Square Feature Selection Methods by Employing Machine Learning Techniques. Applied Artificial Intelligence, 2022, 36, .	3.2	10
9	Fitness Function Evaluation for Image Reconstruction using Binary Genetic Algorithm for Parallel Ray Transmission Tomography. , 2006, , .		9
10	Determination of optimal number of projections and parametric sensitivity analysis of operators for parallel-ray transmission tomography using hybrid continuous genetic algorithm. International Journal of Imaging Systems and Technology, 2007, 17, 10-21.	4.1	9
11	A novel dual-channel brain tumor detection system for MR images using dynamic and static features with conventional machine learning techniques. Waves in Random and Complex Media, 0, , 1-20.	2.7	9
12	Optical techniques, computed tomography and deep learning role in the diagnosis of COVID-19 pandemic towards increasing the survival rate of vulnerable populations. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101880.	2.6	8
13	Hybrid Diversification Operator-Based Evolutionary Approach Towards Tomographic Image Reconstruction. IEEE Transactions on Image Processing, 2011, 20, 1977-1990.	9.8	6
14	Hybrid simulated annealing image reconstruction for transmission tomography. Inverse Problems in Science and Engineering, 2009, 17, 647-664.	1.2	4
15	The role of primary and secondary bio-molecules in optical diagnosis of pandemic COVID-19 outbreak. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101953.	2.6	4
16	A Novel Hybrid Learning System Using Modified Breaking Ties Algorithm and Multinomial Logistic Regression for Classification and Segmentation of Hyperspectral Images. Applied Sciences (Switzerland), 2021, 11, 7614.	2.5	4
17	Simulated Annealing-Based Image Reconstruction for Patients With COVID-19 as a Model for Ultralow-Dose Computed Tomography. Frontiers in Physiology, 2021, 12, 737233.	2.8	4
18	Reverse Image Search Using Deep Unsupervised Generative Learning and Deep Convolutional Neural Network. Applied Sciences (Switzerland), 2022, 12, 4943.	2.5	3

#	Article	IF	Citations
19	Inverse Radon Transform-Based Image Reconstruction using Various Frequency Domain Filters in Parallel Beam Transmission Tomography. , 2005, , .		2
20	A Template Based Continuous Genetic Algorithm for Image Reconstruction. , 2007, , .		1
21	Novel Classification Technique for Hyperspectral Imaging using Multinomial Logistic Regression and Morphological Profiles with Composite Kernels. , 2019, , .		1
22	Classification and Segmentation Models for Hyperspectral Imaging - An Overview. Communications in Computer and Information Science, 2021, , 3-16.	0.5	1
23	Quantitative auto-fluorescence quenching of free and bound NADH in HeLa cell line model with Carbonyl cyanide-p-Trifluoromethoxy phenylhydrazone (FCCP) as quenching agent. Photodiagnosis and Photodynamic Therapy, 2022, , 102954.	2.6	0