

Subrato Bharati

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

831
citations

759233

12
h-index

610901

24
g-index

47
all docs

47
docs citations

47
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on epidemiology, genomic characteristics, spread, and treatments of COVID-19. , 2022, , 487-505.		5
2	Detecting Spinal Abnormalities Using Multilayer Perceptron Algorithm. Lecture Notes in Networks and Systems, 2022, , 654-664.	0.7	3
3	Ensemble Learning for Data-Driven Diagnosis of Polycystic Ovary Syndrome. Lecture Notes in Networks and Systems, 2022, , 1250-1259.	0.7	5
4	Dementia classification using MR imaging and clinical data with voting based machine learning models. Multimedia Tools and Applications, 2022, 81, 25971-25992.	3.9	13
5	Rethinking the Transfer Learning Architecture for Respiratory Diseases and COVID-19 Diagnosis. Intelligent Systems Reference Library, 2022, , 105-121.	1.2	3
6	Federated learning: Applications, challenges and future directions. International Journal of Hybrid Intelligent Systems, 2022, 18, 19-35.	1.2	14
7	Lung Cancer Detection Based on Kernel PCA-Convolution Neural Network Feature Extraction and Classification by Fast Deep Belief Neural Network in Disease Management Using Multimedia Data Sources. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.7	6
8	Nonlinear Cosine Neighborhood Time Series-Based Deep Learning for the Prediction and Analysis of COVID-19 in India. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	1
9	Application of machine learning for the diagnosis of COVID-19. , 2021, , 175-194.		21
10	Effectiveness of Ensemble Machine Learning Algorithms in Weather Forecasting of Bangladesh. Advances in Intelligent Systems and Computing, 2021, , 267-277.	0.6	3
11	Optimized NASNet for Diagnosis of COVID-19 from Lung CT Images. Advances in Intelligent Systems and Computing, 2021, , 647-656.	0.6	13
12	Effective Machine Learning Approaches for Credit Card Fraud Detection. Advances in Intelligent Systems and Computing, 2021, , 154-163.	0.6	4
13	Diagnosis of breast cancer based on modern mammography using hybrid transfer learning. Multidimensional Systems and Signal Processing, 2021, 32, 747-765.	2.6	102
14	10 Automated gastric cancer detection and classification using machine learning. , 2021, , 207-224.		8
15	1 Performance of CNN for predicting cancerous lung nodules using LightGBM. , 2021, , 1-18.		6
16	Forecasting the Spread of COVID-19 and ICU Requirements. International Journal of Online and Biomedical Engineering, 2021, 17, 81.	1.4	11
17	Transfer Learning for Classification of Brain Tumor. , 2021, , 315-328.		5
18	CO-ResNet: Optimized ResNet model for COVID-19 diagnosis from X-ray images. International Journal of Hybrid Intelligent Systems, 2021, 17, 71-85.	1.2	29

#	ARTICLE	IF	CITATIONS
19	Diagnosis of COVID-19 Using Machine Learning and Deep Learning: A Review. <i>Current Medical Imaging</i> , 2021, 17, 1403-1418.	0.8	28
20	12 Applications and challenges of AI-driven IoHT for combating pandemics: a review. , 2021, , 213-230.		8
21	10 The role of IoMT during pandemics. , 2021, , 169-186.		1
22	Comparative Performance Analysis of Neural Network Base Training Algorithm and Neuro-Fuzzy System with SOM for the Purpose of Prediction of the Features of Superconductors. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 69-79.	0.6	6
23	A Comparative Analysis of Image Denoising Problem: Noise Models, Denoising Filters and Applications. <i>Studies in Systems, Decision and Control</i> , 2021, , 49-66.	1.0	15
24	Comparative Performance Exploration and Prediction of Fibrosis, Malign Lymph, Metastases, Normal Lymphogram Using Machine Learning Method. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 66-77.	0.6	3
25	Uplink and Downlink Spectral Efficiency Estimation for Multi Antenna MIMO User. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 285-294.	0.6	2
26	Fault Tolerance in Cloud Computing- An Algorithmic Approach. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 307-316.	0.6	1
27	CO-IRv2: Optimized InceptionResNetV2 for COVID-19 detection from chest CT images. <i>PLoS ONE</i> , 2021, 16, e0259179.	2.5	31
28	Applications and Challenges of Cloud Integrated IoMT. <i>Studies in Systems, Decision and Control</i> , 2021, , 67-85.	1.0	23
29	Comparative Performance Analysis of Different Classification Algorithm for the Purpose of Prediction of Lung Cancer. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 447-457.	0.6	19
30	Visualization and prediction of energy consumption in smart homes. <i>International Journal of Hybrid Intelligent Systems</i> , 2020, 16, 81-97.	1.2	4
31	Data analytics for novel coronavirus disease. <i>Informatics in Medicine Unlocked</i> , 2020, 20, 100374.	3.4	56
32	Hybrid deep learning for detecting lung diseases from X-ray images. <i>Informatics in Medicine Unlocked</i> , 2020, 20, 100391.	3.4	204
33	Adaptive PAPR Reduction Scheme for OFDM Using SLM with the Fusion of Proposed Clipping and Filtering Technique in Order to Diminish PAPR and Signal Distortion. <i>Wireless Personal Communications</i> , 2020, 113, 2271-2288.	2.7	20
34	Prediction of Energy Consumed by Home Appliances with the Visualization of Plot Analysis Applying Different Classification Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 246-257.	0.6	2
35	Diagnosis of Polycystic Ovary Syndrome Using Machine Learning Algorithms. , 2020, , .		54
36	Effect of Fault Tolerance in the Field of Cloud Computing. <i>Lecture Notes in Networks and Systems</i> , 2020, , 297-305.	0.7	7

#	ARTICLE	IF	CITATIONS
37	Review on the Security Threats of Internet of Things. International Journal of Computer Applications, 2020, 176, 37-45.	0.2	9
38	Lung cancer recognition and prediction according to random forest ensemble and RUSBoost algorithm using LIDC data. International Journal of Hybrid Intelligent Systems, 2019, 15, 91-100.	1.2	10
39	Brain Magnetic Resonance Imaging Compression Using Daubechies & Biorthogonal Wavelet with the fusion of STW and SPIHT. , 2018, , .		5
40	EEG Eye State Prediction and Classification in order to Investigate Human Cognitive State. , 2018, , .		3
41	Analysis of DWT, DCT, BFO & PBFO Algorithm for the Purpose of Medical Image Watermarking. , 2018, , .		16
42	Breast Cancer Prediction Applying Different Classification Algorithm with Comparative Analysis using WEKA. , 2018, , .		34