

# Subrato Bharati

## List of Publications by Year in descending order

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42  
papers

831  
citations

759055

12  
h-index

610775

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.	0.5	3
3	Ensemble Learning for Data-Driven Diagnosis of Polycystic Ovary Syndrome. Lecture Notes in Networks and Systems, 2022, , 1250-1259.	0.5	5
4	Dementia classification using MR imaging and clinical data with voting based machine learning models. Multimedia Tools and Applications, 2022, 81, 25971-25992.	2.6	13
5	Rethinking the Transfer Learning Architecture for Respiratory Diseases and COVID-19 Diagnosis. Intelligent Systems Reference Library, 2022, , 105-121.	1.0	3
6	Federated learning: Applications, challenges and future directions. International Journal of Hybrid Intelligent Systems, 2022, 18, 19-35.	0.9	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.	1.1	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.	0.8	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.	0.5	3
11	Optimized NASNet for Diagnosis of COVID-19 from Lung CT Images. Advances in Intelligent Systems and Computing, 2021, , 647-656.	0.5	13
12	Effective Machine Learning Approaches for Credit Card Fraud Detection. Advances in Intelligent Systems and Computing, 2021, , 154-163.	0.5	4
13	Diagnosis of breast cancer based on modern mammography using hybrid transfer learning. Multidimensional Systems and Signal Processing, 2021, 32, 747-765.	1.7	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.	0.9	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.	0.9	29

#	ARTICLE	IF	CITATIONS
19	Diagnosis of COVID-19 Using Machine Learning and Deep Learning: A Review. Current Medical Imaging, 2021, 17, 1403-1418.	0.4	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. Advances in Intelligent Systems and Computing, 2021, , 69-79.	0.5	6
23	A Comparative Analysis of Image Denoising Problem: Noise Models, Denoising Filters and Applications. Studies in Systems, Decision and Control, 2021, , 49-66.	0.8	15
24	Comparative Performance Exploration and Prediction of Fibrosis, Malign Lymph, Metastases, Normal Lymphogram Using Machine Learning Method. Advances in Intelligent Systems and Computing, 2021, , 66-77.	0.5	3
25	Uplink and Downlink Spectral Efficiency Estimation for Multi Antenna MIMO User. Advances in Intelligent Systems and Computing, 2021, , 285-294.	0.5	2
26	Fault Tolerance in Cloud Computing- An Algorithmic Approach. Advances in Intelligent Systems and Computing, 2021, , 307-316.	0.5	1
27	CO-IRv2: Optimized InceptionResNetV2 for COVID-19 detection from chest CT images. PLoS ONE, 2021, 16, e0259179.	1.1	31
28	Applications and Challenges of Cloud Integrated IoMT. Studies in Systems, Decision and Control, 2021, , 67-85.	0.8	23
29	Comparative Performance Analysis of Different Classification Algorithm for the Purpose of Prediction of Lung Cancer. Advances in Intelligent Systems and Computing, 2020, , 447-457.	0.5	19
30	Visualization and prediction of energy consumption in smart homes. International Journal of Hybrid Intelligent Systems, 2020, 16, 81-97.	0.9	4
31	Data analytics for novel coronavirus disease. Informatics in Medicine Unlocked, 2020, 20, 100374.	1.9	56
32	Hybrid deep learning for detecting lung diseases from X-ray images. Informatics in Medicine Unlocked, 2020, 20, 100391.	1.9	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. Wireless Personal Communications, 2020, 113, 2271-2288.	1.8	20
34	Prediction of Energy Consumed by Home Appliances with the Visualization of Plot Analysis Applying Different Classification Algorithm. Advances in Intelligent Systems and Computing, 2020, , 246-257.	0.5	2
35	Diagnosis of Polycystic Ovary Syndrome Using Machine Learning Algorithms. , 2020, , .		54
36	Effect of Fault Tolerance in the Field of Cloud Computing. Lecture Notes in Networks and Systems, 2020, , 297-305.	0.5	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.	0.9	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