

Sweta Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,066
citations

567281

15
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey. Sustainable Cities and Society, 2021, 65, 102589.	10.4	300
2	Unmanned Aerial Vehicles in Smart Agriculture: Applications, Requirements, and Challenges. IEEE Sensors Journal, 2021, 21, 17608-17619.	4.7	243
3	A Novel PCA-Firefly Based XGBoost Classification Model for Intrusion Detection in Networks Using GPU. Electronics (Switzerland), 2020, 9, 219.	3.1	229
4	Early Detection of Diabetic Retinopathy Using PCA-Firefly Based Deep Learning Model. Electronics (Switzerland), 2020, 9, 274.	3.1	226
5	A novel PCA-whale optimization-based deep neural network model for classification of tomato plant diseases using GPU. Journal of Real-Time Image Processing, 2021, 18, 1383-1396.	3.5	174
6	Deep neural networks to predict diabetic retinopathy. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 5407-5420.	4.9	151
7	Hand gesture classification using a novel CNN-crow search algorithm. Complex & Intelligent Systems, 2021, 7, 1855-1868.	6.5	112
8	Load balancing of energy cloud using wind driven and firefly algorithms in internet of everything. Journal of Parallel and Distributed Computing, 2020, 142, 16-26.	4.1	93
9	SMO-DNN: Spider Monkey Optimization and Deep Neural Network Hybrid Classifier Model for Intrusion Detection. Electronics (Switzerland), 2020, 9, 692.	3.1	80
10	Security and privacy of UAV data using blockchain technology. Journal of Information Security and Applications, 2020, 55, 102670.	2.5	73
11	An Ensemble based Machine Learning model for Diabetic Retinopathy Classification. , 2020, , .		70
12	A review on deep learning for future smart cities. Internet Technology Letters, 2022, 5, e187.	1.9	68
13	Roughsets-based Approach for Predicting Battery Life in IoT. Intelligent Automation and Soft Computing, 2021, 27, 453-469.	2.1	27
14	An Incentive Based Approach for COVID-19 planning using Blockchain Technology. , 2020, , .		27
15	Malicious URL Detection using Logistic Regression. , 2021, , .		26
16	Incentive Mechanisms for Smart Grid: State of the Art, Challenges, Open Issues, Future Directions. Big Data and Cognitive Computing, 2022, 6, 47.	4.7	25
17	Antlion re-sampling based deep neural network model for classification of imbalanced multimodal stroke dataset. Multimedia Tools and Applications, 2022, 81, 41429-41453.	3.9	24
18	An Efficient Classification of Neonates Cry Using Extreme Gradient Boosting-Assisted Grouped-Support-Vector Network. Journal of Healthcare Engineering, 2021, 2021, 1-14.	1.9	23

#	ARTICLE	IF	CITATIONS
19	A Machine Learning Driven Threat Intelligence System for Malicious URL Detection. , 2021, , .		21
20	Deep Neural Networks Based Approach for Battery Life Prediction. Computers, Materials and Continua, 2021, 69, 2599-2615.	1.9	16
21	Multi-modal prediction of breast cancer using particle swarm optimization with non-dominating sorting. International Journal of Distributed Sensor Networks, 2020, 16, 155014772097150.	2.2	11
22	A Blockchain Based Cloud Integrated IoT Architecture Using a Hybrid Design. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 550-559.	0.3	11
23	Propagation of Fake News on Social Media: Challenges and Opportunities. Lecture Notes in Computer Science, 2020, , 345-353.	1.3	9
24	An Optimized Machine Learning and Big Data Approach to Crime Detection. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	8
25	SCB-HC-ECC-Based Privacy Safeguard Protocol for Secure Cloud Storage of Smart Card-Based Health Care System. Frontiers in Public Health, 2021, 9, 688399.	2.7	6
26	Analysis of factors affecting customer satisfaction in e-commerce applications using Condorcet - AHP method. International Journal of Internet Protocol Technology, 2019, 12, 2.	0.2	5
27	A Study on the Higher Education System in India and Factors Affecting the Choice of Teaching Career in IT Education. Mediterranean Journal of Social Sciences, 2015, , .	0.2	3
28	Mining on Big Data Using Hadoop MapReduce Model. IOP Conference Series: Materials Science and Engineering, 2017, 263, 042007.	0.6	2
29	A Condorcet Voting Theory Based AHP Approach for MCDM Problems. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 7, 276.	0.8	2
30	Career choice in teaching among engineering graduates: a study of the altruistic, extrinsic and intrinsic factors. International Journal of Business and Systems Research, 2019, 13, 391.	0.3	1