# Jyotir Moy Chatterjee

List of Publications by Year
in descending order

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|---|---|---|---|
| 66<br>papers | 1,914<br>citations | 566801<br>15<br>h-index | 288905<br>40<br>g-index |
| 129<br>all docs | 129<br>docs citations | 129<br>times ranked | 1509<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | COVID-19 Patient Health Prediction Using Boosted Random Forest Algorithm. Frontiers in Public Health, 2020, 8, 357. | 1.3 | 339 |
| 2 | Performance of deep learning vs machine learning in plant leaf disease detection. Microprocessors and Microsystems, 2021, 80, 103615. | 1.8 | 271 |
| 3 | A machine learning forecasting model for COVID-19 pandemic in India. Stochastic Environmental Research and Risk Assessment, 2020, 34, 959-972. | 1.9 | 253 |
| 4 | A Hybrid CNN-SVM Threshold Segmentation Approach for Tumor Detection and Classification of MRI Brain Images. Irbm, 2022, 43, 290-299. | 3.7 | 139 |
| 5 | Hybrid Machine Learning Approaches for Landslide Susceptibility Modeling. Forests, 2019, 10, 157. | 0.9 | 136 |
| 6 | ARMâ€"AMO: An efficient association rule mining algorithm based on animal migration optimization. Knowledge-Based Systems, 2018, 154, 68-80. | 4.0 | 76 |
| 7 | Collaborative handshaking approaches between internet of computing and internet of things towards a smart world: a review from 2009â€"2017. Telecommunication Systems, 2019, 70, 617-634. | 1.6 | 74 |
| 8 | COVID-19 Mortality Rate Prediction for India Using Statistical Neural Network Models. Frontiers in Public Health, 2020, 8, 441. | 1.3 | 62 |
| 9 | Energy-efficient cluster head selection through relay approach for WSN. Journal of Supercomputing, 2021, 77, 7649-7675. | 2.4 | 46 |
| 10 | Neutrosophic soft set decision making for stock trending analysis. Evolving Systems, 2019, 10, 621-627. | 2.4 | 31 |
| 11 | A novel hybrid approach of SVM combined with NLP and probabilistic neural network for email phishing. International Journal of Electrical and Computer Engineering, 2020, 10, 486. | 0.5 | 28 |
| 12 | Framework for Realization of Green Smart Cities Through the Internet of Things (IoT). EAI/Springer Innovations in Communication and Computing, 2020, , 85-111. | 0.9 | 27 |
| 13 | Internet of Things based system for Smart Kitchen. International Journal of Engineering and Manufacturing, 2018, 8, 29-39. | 0.5 | 22 |
| 14 | Governing mobile Virtual Network Operators in developing countries. Utilities Policy, 2019, 56, 169-180. | 2.1 | 21 |
| 15 | A Machine Learning Way to Classify Autism Spectrum Disorder. International Journal of Emerging Technologies in Learning, 2021, 16, 182. | 0.8 | 21 |
| 16 | BitCoin exclusively informational money: a valuable review from 2010 to 2017. Quality and Quantity, 2018, 52, 2037-2054. | 2.0 | 14 |
| 17 | A Bayesian Regularized Neural Network for Analyzing Bitcoin Trends. IEEE Access, 2021, 9, 37989-38000. | 2.6 | 14 |
| 18 | Hybridized Machine Learning based Fractal Analysis Techniques for Breast Cancer Classification. International Journal of Advanced Computer Science and Applications, 2020, 11, . | 0.5 | 13 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Smartphone Confrontational Applications and Security Issues. International Journal of Risk and Contingency Management, 2020, 9, 1-18. | 0.2 | 12 |
| 20 | Wheat Seed Classification: Utilizing Ensemble Machine Learning Approach. Scientific Programming, 2022, 2022, 1-9. | 0.5 | 12 |
| 21 | A Real-Time Crowd Monitoring and Management System for Social Distance Classification and Healthcare Using Deep Learning. Journal of Healthcare Engineering, 2022, 2022, 1-11. | 1.1 | 11 |
| 22 | Heart Failure Patient Survival Analysis with Multi Kernel Support Vector Machine. Intelligent Automation and Soft Computing, 2022, 32, 115-129. | 1.6 | 10 |
| 23 | An Ensemble-Based Multiclass Classifier for Intrusion Detection Using Internet of Things. Computational Intelligence and Neuroscience, 2022, 2022, 1-16. | 1.1 | 10 |
| 24 | Exploring Internet Meme Activity during COVID-19 Lockdown Using Artificial Intelligence Techniques. Applied Artificial Intelligence, 2022, 36, . | 2.0 | 9 |
| 25 | Prediction of Suitable Candidates for COVID-19 Vaccination. Intelligent Automation and Soft Computing, 2022, 32, 525-541. | 1.6 | 8 |
| 26 | Design of a Simple Gas Knob: An Application of IoT. , 2018, , . | | 7 |
| 27 | Machine Learning on Big Data: A Developmental Approach on Societal Applications. Studies in Big Data, 2019, , 143-165. | 0.8 | 7 |
| 28 | Theoretical Analysis of Big Data for Smart Scenarios. Intelligent Systems Reference Library, 2019, , 1-12. | 1.0 | 7 |
| 29 | A fuzzy multi-criteria decision-making method for purchasing life insurance in India. Bulletin of Electrical Engineering and Informatics, 2021, 10, 344-356. | 0.6 | 7 |
| 30 | Clinical Data Analysis Using IoT Data Analytics Platforms. , 2020, , 271-293. | | 7 |
| 31 | Self-organizing Maps and Bayesian Regularized Neural Network for Analyzing Gasoline and Diesel Price Drifts. International Journal of Computational Intelligence Systems, 2022, 15, 1. | 1.6 | 6 |
| 32 | Internet of Things in Healthcare: A Brief Overview. , 2019, , 131-160. | | 5 |
| 33 | NoSQL Database Classification. International Journal of Knowledge-Based Organizations, 2019, 9, 50-65. | 0.3 | 5 |
| 34 | Privacy preservation in data intensive environment. Tourism and Management Studies, 2018, 14, 72-79. | 1.0 | 5 |
| 35 | Forest data visualization and land mapping using support vector machines and decision trees. Earth Science Informatics, 2020, 13, 1119-1137. | 1.6 | 4 |
| 36 | Interconnect Network on Chip Topology in Multi-core Processors: A Comparative Study. International Journal of Computer Network and Information Security, 2017, 9, 52-62. | 1.8 | 4 |

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| 37 | Diagnosis of Lumbar Spondylolisthesis Using Optimized Pretrained CNN Models. Computational Intelligence and Neuroscience, 2022, 2022, 1-12. | 1.1 | 3 |
| 38 | An On-Demand and User-Friendly Framework for Cloud Data Centre Networks with Performance Guarantee. , 2019, , 149-159. | | 2 |
| 39 | Comprehensive Claims of AI for Healthcare Applications-Coherence Towards COVID-19. Medical Virology, 2021, , 3-18. | 2.1 | 2 |
| 40 | IoT with Big Data Framework using Machine Learning Approach. International Journal of Machine Learning and Networked Collaborative Engineering, 2018, 2, 78-85. | 0.1 | 2 |
| 41 | QoS Priorities in ERP Implementation â€" A Study of Manufacturing Industry of Nepal. Oriental Journal of Computer Science and Technology, 2020, 12, 168-184. | 0.6 | 2 |
| 42 | DEPRESSIKA: An Early Risk of Depression Detection through Opinions. Oriental Journal of Computer Science and Technology, 2020, 13, 29-43. | 0.6 | 2 |
| 43 | Internet of Things: Basic Concepts and Decorum of Smart Services. EAI/Springer Innovations in Communication and Computing, 2022, , 3-36. | 0.9 | 2 |
| 44 | Intelligent classification of ECG signals using machine learning techniques. , 2022, , 257-272. | | 2 |
| 45 | Toward an Autonomous Incubation System for Monitoring Premature Infants. Studies in Informatics and Control, 2021, 30, 121-131. | 0.6 | 2 |
| 46 | The Role of IoT and Narrow Band (NB)-IoT for Several Use Cases. Advances in Science, Technology and Innovation, 2021, , 161-174. | 0.2 | 1 |
| 47 | Role of Artificial Intelligence in COVID-19 Prediction Based on Statistical Methods. Medical Virology, 2021, , 73-97. | 2.1 | 1 |
| 48 | IoT Use Cases and Applications. , 2020, , 205-220. | | 1 |
| 49 | Validation Lamina for Maintaining Confidentiality within the Hadoop. International Journal of Information Engineering and Electronic Business, 2018, 10, 42-50. | 1.0 | 1 |
| 50 | Text Mining. , 2020, , 167-210. | | 1 |
| 51 | Emotional Intelligence and ICT for Information Processing. Advances in Human and Social Aspects of Technology Book Series, 2021, , 106-124. | 0.3 | 0 |
| 52 | Smartphone Confrontational Applications and Security Issues. , 2021, , 323-336. | | 0 |
| 53 | Comparative analysis for detecting skin cancer using SGD-based optimizer on a CNN versus DCNN architecture and ResNet-50 versus AlexNet on Adam optimizer. , 2021, , 185-204. | | 0 |
| 54 | Privacy Preservation in Data Centric Environment: Analysis and Segregation. International Journal of Engineering Research & Technology, 2017, V6, . | 0.2 | 0 |

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| 55 | Blockchain, Bitcoin, and the Internet of Things: Overview. , 2020, , 47-67. | | 0 |
| 56 | Feature Extraction and Bio Signals. , 2020, , 69-80. | | 0 |
| 57 | Medical Information Systems. , 2020, , 17-24. | | 0 |
| 58 | An assessment of classification with hybrid methodology for neural network classifier against different classifier. International Journal of Collaborative Intelligence, 2020, 2, 83. | 0.2 | 0 |
| 59 | An assessment of classification with hybrid methodology for neural network classifier against different classifier. International Journal of Collaborative Intelligence, 2020, 2, 83. | 0.2 | 0 |
| 60 | A Collaborative Method for Minimizing Tampering of Image with Commuted Concept of Frazile Watermarking. , 2020, , 985-994. | | 0 |
| 61 | Deep Learning-Based Image Captioning Used to Recognize Malicious or Emergency Activity in an Image. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 19-29. | 0.5 | 0 |
| 62 | Ontology-Based Information Retrieval and Matching in IoT Applications. , 2020, , 113-130. | | 0 |
| 63 | Ransomware Attack: Threats &amp; Different Detection Technique. , 2022, , 157-176. | | 0 |
| 64 | Revolutionizing the internet of things with swarm intelligence. , 2022, , 403-436. | | 0 |
| 65 | Technological advancement with artificial intelligence in healthcare. , 2022, , 311-332. | | 0 |
| 66 | An adaptive neuro-fuzzy inference for blockchain-based smart job recommendation system. International Journal of Information and Decision Sciences, 2022, 14, 1. | 0.1 | 0 |