Rabindra Nath Shaw

List of Publications by Year
in descending order

105 papers	1,837 citations	257357 24 h-index	434063 31 g-index
116 all docs	116 docs citations	116 times ranked	258 citing authors

#	Article	IF	Citations
1	Analysis and Prediction of COVID-19 Confirmed Cases Using Deep Learning Models: A Comparative Study. Lecture Notes in Networks and Systems, 2022, , 207-218.	0.5	33
2	A Comparative Study of Myocardial Infarction Detection from ECG Data Using Machine Learning. Lecture Notes in Networks and Systems, 2022, , 257-267.	0.5	27
3	Machine Learning Technique to Prognosis Diabetes Disease: Random Forest Classifier Approach. Lecture Notes in Networks and Systems, 2022, , 219-244.	0.5	68
4	Multi-objective Fuzzy-Swarm Optimizer for Data Partitioning. Lecture Notes in Networks and Systems, 2022, , 307-318.	0.5	24
5	Efficient Deep Learning for Reforming Authentic Content Searching on Big Data. Lecture Notes in Networks and Systems, 2022, , 319-327.	0.5	23
6	A Framework for Personalizing Atypical Web Search Sessions with Concept-Based User Profiles Using Selective Machine Learning Techniques. Lecture Notes in Networks and Systems, 2022, , 279-291.	0.5	24
7	Unique Action Identifier by Using Magnetometer, Accelerometer and Gyroscope: KNN Approach. Lecture Notes in Networks and Systems, 2022, , 607-631.	0.5	31
8	Adaptive Fuzzy Logic Models for the Prediction of Compressive Strength of Sustainable Concrete. Lecture Notes in Networks and Systems, 2022, , 593-605.	0.5	27
9	Modified passivity-based current controller design of permanent magnet synchronous generator for wind conversion system. International Journal of Modelling and Simulation, 2022, 42, 192-202.	2.3	11
10	AI and Blockchain for Healthcare Data Security in Smart Cities. Studies in Computational Intelligence, 2022, , 185-198.	0.7	11
11	Reliability Analysis in Cyber-Physical System Using Deep Learning for Smart Cities Industrial IoT Network Node. Studies in Computational Intelligence, 2022, , 157-169.	0.7	12
12	Driver Drowsiness Alert System Using Real-Time Detection. Studies in Computational Intelligence, 2022, , 65-81.	0.7	2
13	Anomalies Detection on Attached IoT Device at Cattle Body in Smart Cities Areas Using Deep Learning. Studies in Computational Intelligence, 2022, , 223-233.	0.7	7
14	Application of AI/IoT for Smart Renewable Energy Management in Smart Cities. Studies in Computational Intelligence, 2022, , 115-138.	0.7	5
15	Downlink Performance Analysis in MIMO UAV-Cellular Communication With LOS/NLOS Propagation Under 3D Beamforming. IEEE Access, 2022, 10, 6650-6659.	2.6	22
16	Energy-based fuzzy supervisory non integer control for performance improvement of PMSG-Based marine energy system under swell effect and parameter uncertainties. Renewable Energy, 2022, 186, 457-468.	4.3	4
17	Robust interconnection and damping assignment energy-based control for a permanent magnet synchronous motor using high order sliding mode approach and nonlinear observer. Energy Reports, 2022, 8, 1731-1740.	2.5	29
18	An intelligent energy management system of hybrid solar/wind/battery power sources integrated in smart DC microgrid for smart university. , 2022, , 57-88.		0

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19	RMSE and MAPE analysis for short-term solar irradiance, solar energy, and load forecasting using a Recurrent Artificial Neural Network. , 2022, , 181-192.		3
20	Modeling of electric vehicle charging station using solar photovoltaic system with fuzzy logic controller. , 2022, , 151-167.		4
21	Renewable energy system for industrial internet of things model using fusion-AI. , 2022, , 107-128.		3
22	Genetic Fuzzy Based VANET Routing Algorithm for Better Efficiency. Lecture Notes in Electrical Engineering, 2022, , 669-677.	0.3	2
23	Machine Learning Algorithms for Predicting the Graduation Admission. Lecture Notes in Electrical Engineering, 2022, , 618-637.	0.3	1
24	Experimental Analysis for Distance Estimation Using RSSI in Industry 4. Lecture Notes in Electrical Engineering, 2022, , 451-463.	0.3	2
25	Passivity-Based Control of Tidal Turbine Based PMSG Using Interconnection and Damping Assignment Approach. Lecture Notes in Electrical Engineering, 2022, , 505-514.	0.3	3
26	New direct reactive power control based fuzzy and modulated hysteresis method for micro-grid applications under real wind speed. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 4862-4887.	1.2	6
27	Surveillance Robot in Cyber Intelligence for Vulnerability Detection. Studies in Computational Intelligence, 2021, , 107-123.	0.7	33
28	Design of a Machine Learning-Based Self-driving Car. Studies in Computational Intelligence, 2021, , 139-151.	0.7	27
29	AI and IOT-Based Model for Photovoltaic Power Generation. Lecture Notes in Electrical Engineering, 2021, , 697-706.	0.3	11
30	Advance machine learning and artificial intelligence applications in service robot. , 2021, , 83-91.		25
31	Single shot detection for detecting real-time flying objects for unmanned aerial vehicle. , 2021, , 37-53.		12
32	Sleep Apnea Detection Using Contact-Based and Non-Contact-Based Using Deep Learning Methods. Studies in Computational Intelligence, 2021, , 87-103.	0.7	5
33	Intelligent Energy-Based Modified Super Twisting Algorithm and Factional Order PID Control for Performance Improvement of PMSG Dedicated to Tidal Power System. IEEE Access, 2021, 9, 57414-57425.	2.6	15
34	A Neuro-Fuzzy based IDS for Internet-Integrated WSN. Studies in Computational Intelligence, 2021, , 71-86.	0.7	20
35	Suspicious Big Text Data Analysis for Prediction—On Darkweb User Activity Using Computational Intelligence Model. Lecture Notes in Electrical Engineering, 2021, , 735-751.	0.3	40
36	Enhanced Performances of SAC-OCDMA System Operating with Different Codes. Lecture Notes in Electrical Engineering, 2021, , 473-485.	0.3	7

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37	Blockchain-Based Model for Expanding IoT Device Data Security. Advances in Intelligent Systems and Computing, 2021, , 61-71.	0.5	39
38	Development of Prediction Models to Determine Compressive Strength and Workability of Sustainable Concrete with ANN. Lecture Notes in Electrical Engineering, 2021, , 753-769.	0.3	32
39	Analysis of Darknet Traffic for Criminal Activities Detection Using TF-IDF and Light Gradient Boosted Machine Learning Algorithm. Lecture Notes in Electrical Engineering, 2021, , 671-681.	0.3	40
40	Adaptive Linear Feedback Energy-Based Backstepping and PIDÂControl Strategy for PMSG Driven by a Grid-Connected Wind Turbine. Lecture Notes in Electrical Engineering, 2021, , 177-189.	0.3	20
41	Prediction of Traffic Movement for Autonomous Vehicles. Studies in Computational Intelligence, 2021, , 153-168.	0.7	26
42	Analysis of Classifier Algorithms to Detect Anti-Money Laundering. Studies in Computational Intelligence, 2021, , 143-152.	0.7	22
43	Comparison and Analysis of RNN-LSTMs and CNNs for Social Reviews Classification. Advances in Intelligent Systems and Computing, 2021, , 49-59.	0.5	38
44	Hospital Assistance Robots Control Strategy and Machine Learning Technology. Studies in Computational Intelligence, 2021, , 35-46.	0.7	11
45	Twitter Data Sentiment Analysis Using Naive Bayes Classifier and Generation of Heat Map for Analyzing Intensity Geographically. Advances in Intelligent Systems and Computing, 2021, , 129-139.	0.5	29
46	Sentiment Analysis at Online Social Network for Cyber-Malicious Post Reviews Using Machine Learning Techniques. Studies in Computational Intelligence, 2021, , 113-130.	0.7	26
47	Vulnerability Analysis at Industrial Internet of Things Platform on Dark Web Network Using Computational Intelligence. Studies in Computational Intelligence, 2021, , 39-51.	0.7	29
48	Energy-Based Combined Nonlinear Observer and Voltage Controller for a PMSG Using Fuzzy Supervisor High Order Sliding Mode in a Marine Current Power System. Sustainability, 2021, 13, 3737.	1.6	4
49	Fuzzy Supervisory Passivity-Based High Order-Sliding Mode Control Approach for Tidal Turbine-Based Permanent Magnet Synchronous Generator Conversion System. Actuators, 2021, 10, 92.	1.2	7
50	Energy Management System for Hybrid PV/Wind/Battery/Fuel Cell in Microgrid-Based Hydrogen and Economical Hybrid Battery/Super Capacitor Energy Storage. Energies, 2021, 14, 5722.	1.6	43
51	Dark Webâ€"Onion Hidden Service Discovery and Crawling for Profiling Morphing, Unstructured Crime and Vulnerabilities Prediction. Lecture Notes in Electrical Engineering, 2021, , 717-734.	0.3	35
52	Magnetization Pattern Study of Unit Domain Multiferroic Nanomagnet for Spintronics Devices. Lecture Notes in Electrical Engineering, 2021, , 533-542.	0.3	0
53	Risk Detection in Wireless Body Sensor Networks for Health Monitoring Using Hybrid Deep Learning. Lecture Notes in Electrical Engineering, 2021, , 683-696.	0.3	18
54	Inverse kinematics analysis of 7-degree of freedom welding and drilling robot using artificial intelligence techniques. , 2021, , 15-23.		5

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55	Cyber Physical System Fraud Analysis by Mobile Robot. Studies in Computational Intelligence, 2021, , 47-61.	0.7	24
56	Framework and Smart Contract for Blockchain Enabled Certificate Verification System Using Robotics. Studies in Computational Intelligence, 2021, , 125-138.	0.7	34
57	Error Detection Algorithm for Cloud Outsourced Big Data. Advances in Intelligent Systems and Computing, 2021, , 105-116.	0.5	12
58	Analysis of Energy Consumption of Energy Models in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2021, , 755-764.	0.3	9
59	Predictive Data Analysis for Energy Management of a Smart Factory Leading to Sustainability. Lecture Notes in Electrical Engineering, 2021, , 765-773.	0.3	63
60	Location-Based and Multipath Routing Performance Analysis for Energy Consumption in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2021, , 775-782.	0.3	13
61	Design and Control of an Electric Vehicle Equipped with Permanent Magnet Synchronous Machine. , 2021, , .		0
62	Study and Prediction Analysis of the Employee Turnover using Machine Learning Approaches. , 2021, , .		19
63	Cyber Warfare Threat Categorization on CPS by Dark Web Terrorist. , 2021, , .		21
64	Robustface Recognition by Fusing Fuzzy Type 2 Induced Multiple Facial Fused Image. , 2021, , .		8
65	Reduction in Gas Cost for Blockchain Enabled Smart Contract. , 2021, , .		13
66	Hybrid Multiplexing Technique based on WDM and PDM with Four Polarizations. , 2021, , .		1
67	Intelligent Based Waste Management Awareness Developed by Transfer Learning. , 2021, , .		4
68	Impact Analysis of Industry 4.0 on Realtime Smart Production Planning and Supply Chain Management. , 2021, , .		7
69	2021 IEEE International Conference on Computing, Power and Communication Technologies (GUCON) Tj ETQq1 1 0.784314 rgBT /Ov		0
70	Multipath Routing in Transparent Spontaneous MANET. , 2021, , .		0
71	Fourier Transform-Based Wavelet Approach for D-STATCOM Compensated Distribution Networks Fault Detection and Fault Time Computation. , 2021, , .		1
72	Facial emotion recognition based on Textural pattern and Convolutional Neural Network. , 2021, , .		40

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73	Novel Energy-Based Speed Control of Grid-Connecting PMSG Wind System. , 2021, , .		3
74	Synchronization, Fault Detection of PV Array and Grid with MPPT Techniques Using MATLAB/Simulink. Lecture Notes in Electrical Engineering, 2021, , 271-282.	0.3	0
75	CERTbchain: A Step by Step Approach Towards Building A Blockchain based Distributed Appliaction for Certificate Verification System. , 2021, , .		10
76	Deep Learning Algorithms are used to Automatically Detection Invasive Ducal Carcinoma in Whole Slide Images. , 2021, , .		25
77	Plant Disease Detection using Web Application by Neural Network. , 2021, , .		14
78	Web Based Brain Tumor Detection using Neural Network. , 2021, , .		12
79	Impact of Number of Collector on Energy Profile from Concentrated Fully Covered Hybrid Photovoltaic (CHPV) System. , 2020, , .		1
80	Fault Prediction of Transformer Using Machine Learning and DGA. , 2020, , .		23
81	Message from Chief Patron. , 2020, , .		0
82	Prediction Analysis of Idiopathic Pulmonary Fibrosis Progression from OSIC Dataset. , 2020, , .		58
83	SWT-Based Fault Recognition Technique for Six-Phase Transmission System. , 2020, , .		4
84	The Effect of Catalytic Metal Contact and Surface Modification on Hydrogen Sensing Performance of Nano WO3/SiO2/Si Sensor. , 2020, , .		3
85	IOT based MPPT for Performance Improvement of Solar PV Arrays Operating under Partial Shade Dispersion. , 2020, , .		76
86	Analysis of Energy Consumption in Dynamic Mobile Ad Hoc Networks. Advances in Intelligent Systems and Computing, 2020, , 235-243.	0.5	12
87	Protection of Dual-Circuit Transmission Line Integrated with Wind-Park Using Fast Walsh-Hadamard Transform. , 2020, , .		3
88	Complex Faults Categorization Technique for Series-Compensated Transmission Lines Connected with Wind-Turbines Based on DFWHT. , 2020, , .		7
89	Switched-Capacitor Based Seven-Level Triple Voltage Gain Boost Inverter (7L-TVG-BI). , 2020, , .		7
90	Analysis of Effect of Fading Models in Wireless Sensor Networks. , 2020, , .		5

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91	Frequency Estimation by Recursive Least Square in Active Islanding Method for Microgrid. , 2020, , .		7
92	A Comprehensive Study of Well-Konown Maximum Power Point Tracking Techniques. , 2020, , .		7
93	A MMG Indices-Based Scheme for Fault Detection in Series-Compensated Power Transmission System. , 2020, , .		4
94	Performance Analysis of Wireless Sensor Networks in Presence of Faulty Nodes. , 2020, , .		3
95	Influence of Annealing Temperatures in Improving the Sensitivity of Pd modified WO3 nanoparticles based Hydrogen Sensor. , 2020, , .		1
96	Motion Prediction for Autonomous Vehicles from Lyft Dataset using Deep Learning. , 2020, , .		72
97	Identification of Faults in Parallel Transmission Lines Using Discrete Meyer Wavelet. , 2020, , .		3
98	Fuzzy Passivity-Based Voltage Controller Strategy of Grid-Connected PMSG-Based Wind Renewable Energy System. , 2020, , .		25
99	An Intelligent Passivity-Based Control for Tidal Power Conversion System with PMSG. , 2020, , .		0
100	Passivity-Based Linear Feedback Current Controller of Wind Conversion System Based Permanent Magnet Synchronous Generator. , 2020, , .		0
101	A Novel Hash-Based Mutual RFID Tag Authentication Protocol. Advances in Intelligent Systems and Computing, 2019, , 1-12.	0.5	8
102	Effects of Solar Irradiance on Load Sharing of Integrated Photovoltaic System with IEEE Standard Bus Network. International Journal of Engineering and Advanced Technology, 2019, 9, 424-429.	0.2	20
103	A New Model to Enhance the Power and Performances of 4x4 PV Arrays with Puzzle Shade Dispersion. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 456-465.	0.2	24
104	Deep Learning and its Importance for Early Signature of Neuronal Disorders. , 2018, , .		14
105	ICCCA 2018 Messages. , 2018, , .		0