

Deepak Prashar

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

626
citations

686830

13
h-index

642321

23
g-index

48
all docs

48
docs citations

48
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-Based Traceability and Visibility for Agricultural Products: A Decentralized Way of Ensuring Food Safety in India. Sustainability, 2020, 12, 3497.	1.6	90
2	Medical Diagnostic Systems Using Artificial Intelligence (AI) Algorithms: Principles and Perspectives. IEEE Access, 2020, 8, 228049-228069.	2.6	63
3	Blockchain Based Crop Insurance: A Decentralized Insurance System for Modernization of Indian Farmers. Sustainability, 2021, 13, 8921.	1.6	56
4	Recurrent neural network for detecting malware. Computers and Security, 2020, 99, 102037.	4.0	53
5	Performance Analysis of IoT and Long-Range Radio-Based Sensor Node and Gateway Architecture for Solid Waste Management. Sensors, 2021, 21, 2774.	2.1	38
6	Deep Learning Approach for Discovery of In Silico Drugs for Combating COVID-19. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.1	22
7	A Cost-Effective Solution for Non-Convex Economic Load Dispatch Problems in Power Systems Using Slime Mould Algorithm. Sustainability, 2022, 14, 2586.	1.6	22
8	Impact of Renewable Energy Sources into Multi Area Multi-Source Load Frequency Control of Interrelated Power System. Mathematics, 2021, 9, 186.	1.1	21
9	Integrating IoT and Blockchain for Ensuring Road Safety: An Unconventional Approach. Sensors, 2020, 20, 3296.	2.1	20
10	Electricity load forecasting and feature extraction in smart grid using neural networks. Computers and Electrical Engineering, 2021, 96, 107479.	3.0	20
11	Role of Wireless Aided Technologies in the Solid Waste Management: A Comprehensive Review. Sustainability, 2021, 13, 13104.	1.6	20
12	Optimization Methodologies and Testing on Standard Benchmark Functions of Load Frequency Control for Interconnected Multi Area Power System in Smart Grids. Mathematics, 2020, 8, 980.	1.1	14
13	Distance Error Correction Based Hop Localization Algorithm for Wireless Sensor Network. Wireless Personal Communications, 2019, 106, 1465-1488.	1.8	13
14	A Novel Fuzzy Logic-Based Medical Expert System for Diagnosis of Chronic Kidney Disease. Mobile Information Systems, 2020, 2020, 1-13.	0.4	13
15	Design and analysis of distance error correction based localization algorithm for wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3547.	2.6	12
16	Zigbee and Long-Range Architecture Based Monitoring System for Oil Pipeline Monitoring with the Internet of Things. Sustainability, 2021, 13, 10226.	1.6	12
17	Blockchain Enabled Automatic Reward System in Solid Waste Management. Security and Communication Networks, 2021, 2021, 1-14.	1.0	11
18	Hybrid Encryption Algorithm in Wireless Body Area Networks (WBAN). Advances in Intelligent Systems and Computing, 2018, , 401-410.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Energy-Efficient Hybrid Power System Model Based on Solar and Wind Energy for Integrated Grids. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-12.	0.6	9
20	A Novel Model to Detect and Classify Fresh and Damaged Fruits to Reduce Food Waste Using a Deep Learning Technique. <i>Journal of Food Quality</i> , 2022, 2022, 1-8.	1.4	9
21	Machine Learning-Based Heart Patient Scanning, Visualization, and Monitoring. , 2021, , .		9
22	An Optimized Load Balancing Using Firefly Algorithm in Flying Ad-Hoc Network. <i>Electronics (Switzerland)</i> , 2022, 11, 252.	1.8	8
23	5G Ultrareliable Low Latency Networks for Efficient Secure Autonomous and Smart Internet of Vehicles. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-15.	0.6	7
24	Integrated IoT-Based Secure and Efficient Key Management Framework Using Hashgraphs for Autonomous Vehicles to Ensure Road Safety. <i>Sensors</i> , 2022, 22, 2529.	2.1	7
25	SDSWSNâ€”A Secure Approach for a Hop-Based Localization Algorithm Using a Digital Signature in the Wireless Sensor Network. <i>Electronics (Switzerland)</i> , 2021, 10, 3074.	1.8	7
26	A Comparison of Distributed Range Free Localization Algorithms in Wireless Sensor Networks. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.5	6
27	Fuzzy Logic Systems for Diagnosis of Renal Cancer. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3464.	1.3	6
28	Blockchain-Based Automated System for Identification and Storage of Networks. <i>Security and Communication Networks</i> , 2021, 2021, 1-7.	1.0	6
29	Review on Efficient Food Waste Management System Using Internet of Things. <i>International Journal of Current Research and Review (discontinued)</i> , 2021, 13, 142-149.	0.1	6
30	Three-Dimensional Distance-Error-Correction-Based Hop Localization Algorithm for IoT Devices. <i>Computers, Materials and Continua</i> , 2021, 66, 1529-1549.	1.5	4
31	Optimized Task Group Aggregation-Based Overflow Handling on Fog Computing Environment Using Neural Computing. <i>Mathematics</i> , 2021, 9, 2522.	1.1	4
32	A novel approach using modified filtering algorithm (MFA) for effective completion of cloud tasks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 8409-8417.	0.8	4
33	A Novel Approach for Securing Nodes Using Two-Ray Model and Shadow Effects in Flying Ad-Hoc Network. <i>Electronics (Switzerland)</i> , 2021, 10, 3164.	1.8	4
34	A Proposed Waiting Time Algorithm for a Prediction and Prevention System of Traffic Accidents Using Smart Sensors. <i>Electronics (Switzerland)</i> , 2022, 11, 1765.	1.8	3
35	Performance Analysis of Secure Localization Techniques in Wireless Sensor Network. , 2016, , .		2
36	Performance Evaluation of the Optimized Error Correction Based Hop Localization Approach in a Wireless Sensor Network. <i>Wireless Personal Communications</i> , 2020, 111, 2517-2543.	1.8	2

#	ARTICLE	IF	CITATIONS
37	SDRFHBLoc- A Secure Framework for Localization in Wireless Sensor Networks. Recent Advances in Computer Science and Communications, 2021, 13, 1158-1171.	0.5	2
38	Localization in Wireless Sensor Network: Techniques, Algorithms Analysis and Challenges. , 2021, , .		2
39	Analysis on Blockchain Vulnerabilities & Attacks on Wallet. , 2021, , .		2
40	Analysis of Different Techniques Used to Reduce The Food Waste Inside The Refrigerator. , 2022, , .		2
41	Improvement inEnergy Efficiency of Wireless Sensor Network. International Journal of Computers & Technology, 2012, 2, 85-87.	0.2	1
42	Analysis of Improved DV-Hop Algorithm with Distance Error. , 2019, , .		0
43	A Secure Block-chain Enabled Approach for E-Heath-care System. , 2021, , .		0