

# Deepak Prashar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6599950/publications.pdf>

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	An Optimized Load Balancing Using Firefly Algorithm in Flying Ad-Hoc Network. Electronics (Switzerland), 2022, 11, 252.	1.8	8
2	Energy-Efficient Hybrid Power System Model Based on Solar and Wind Energy for Integrated Grids. Mathematical Problems in Engineering, 2022, 2022, 1-12.	0.6	9
3	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
4	Integrated IoT-Based Secure and Efficient Key Management Framework Using Hashgraphs for Autonomous Vehicles to Ensure Road Safety. Sensors, 2022, 22, 2529.	2.1	7
5	A Novel Model to Detect and Classify Fresh and Damaged Fruits to Reduce Food Waste Using a Deep Learning Technique. Journal of Food Quality, 2022, 2022, 1-8.	1.4	9
6	A Proposed Waiting Time Algorithm for a Prediction and Prevention System of Traffic Accidents Using Smart Sensors. Electronics (Switzerland), 2022, 11, 1765.	1.8	3
7	Analysis of Different Techniques Used to Reduce The Food Waste Inside The Refrigerator. , 2022, , .		2
8	SDRFHBLoc- A Secure Framework for Localization in Wireless Sensor Networks. Recent Advances in Computer Science and Communications, 2021, 13, 1158-1171.	0.5	2
9	Blockchain-Based Automated System for Identification and Storage of Networks. Security and Communication Networks, 2021, 2021, 1-7.	1.0	6
10	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
11	Deep Learning Approach for Discovery of In Silico Drugs for Combating COVID-19. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.1	22
12	Blockchain Based Crop Insurance: A Decentralized Insurance System for Modernization of Indian Farmers. Sustainability, 2021, 13, 8921.	1.6	56
13	5G Ultrareliable Low Latency Networks for Efficient Secure Autonomous and Smart Internet of Vehicles. Mathematical Problems in Engineering, 2021, 2021, 1-15.	0.6	7
14	Zigbee and Long-Range Architecture Based Monitoring System for Oil Pipeline Monitoring with the Internet of Things. Sustainability, 2021, 13, 10226.	1.6	12
15	Blockchain Enabled Automatic Reward System in Solid Waste Management. Security and Communication Networks, 2021, 2021, 1-14.	1.0	11
16	Review on Efficient Food Waste Management System Using Internet of Things. International Journal of Current Research and Review (discontinued), 2021, 13, 142-149.	0.1	6
17	Three-Dimensional Distance-Error-Correction-Based Hop Localization Algorithm for IoT Devices. Computers, Materials and Continua, 2021, 66, 1529-1549.	1.5	4
18	Impact of Renewable Energy Sources into Multi Area Multi-Source Load Frequency Control of Interrelated Power System. Mathematics, 2021, 9, 186.	1.1	21

#	ARTICLE	IF	CITATIONS
19	Optimized Task Group Aggregation-Based Overflow Handling on Fog Computing Environment Using Neural Computing. Mathematics, 2021, 9, 2522.	1.1	4
20	Electricity load forecasting and feature extraction in smart grid using neural networks. Computers and Electrical Engineering, 2021, 96, 107479.	3.0	20
21	Localization in Wireless Sensor Network: Techniques, Algorithms Analysis and Challenges. , 2021, , .		2
22	Role of Wireless Aided Technologies in the Solid Waste Management: A Comprehensive Review. Sustainability, 2021, 13, 13104.	1.6	20
23	A Novel Approach for Securing Nodes Using Two-Ray Model and Shadow Effects in Flying Ad-Hoc Network. Electronics (Switzerland), 2021, 10, 3164.	1.8	4
24	SDSWSNâ€™A Secure Approach for a Hop-Based Localization Algorithm Using a Digital Signature in the Wireless Sensor Network. Electronics (Switzerland), 2021, 10, 3074.	1.8	7
25	Analysis on Blockchain Vulnerabilities & Attacks on Wallet. , 2021, , .		2
26	Machine Learning-Based Heart Patient Scanning, Visualization, and Monitoring. , 2021, , .		9
27	A Secure Block-chain Enabled Approach for E-Health-care System. , 2021, , .		0
28	Performance Evaluation of the Optimized Error Correction Based Hop Localization Approach in a Wireless Sensor Network. Wireless Personal Communications, 2020, 111, 2517-2543.	1.8	2
29	Recurrent neural network for detecting malware. Computers and Security, 2020, 99, 102037.	4.0	53
30	Medical Diagnostic Systems Using Artificial Intelligence (AI) Algorithms: Principles and Perspectives. IEEE Access, 2020, 8, 228049-228069.	2.6	63
31	A Novel Fuzzy Logic-Based Medical Expert System for Diagnosis of Chronic Kidney Disease. Mobile Information Systems, 2020, 2020, 1-13.	0.4	13
32	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
33	Fuzzy Logic Systems for Diagnosis of Renal Cancer. Applied Sciences (Switzerland), 2020, 10, 3464.	1.3	6
34	Integrating IoT and Blockchain for Ensuring Road Safety: An Unconventional Approach. Sensors, 2020, 20, 3296.	2.1	20
35	Blockchain-Based Traceability and Visibility for Agricultural Products: A Decentralized Way of Ensuring Food Safety in India. Sustainability, 2020, 12, 3497.	1.6	90
36	A novel approach using modified filtering algorithm (MFA) for effective completion of cloud tasks. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8409-8417.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Distance Error Correction Based Hop Localization Algorithm for Wireless Sensor Network. Wireless Personal Communications, 2019, 106, 1465-1488.	1.8	13
38	Analysis of Improved DV-Hop Algorithm with Distance Error. , 2019, , .		0
39	Hybrid Encryption Algorithm in Wireless Body Area Networks (WBAN). Advances in Intelligent Systems and Computing, 2018, , 401-410.	0.5	9
40	Design and analysis of distance error correctionâ€‘based localization algorithm for wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3547.	2.6	12
41	A Comparison of Distributed Range Free Localization Algorithms in Wireless Sensor Networks. Indian Journal of Science and Technology, 2016, 9, .	0.5	6
42	Performance Analysis of Secure Localization Techniques in Wireless Sensor Network. , 2016, , .		2
43	Improvement in Energy Efficiency of Wireless Sensor Network. International Journal of Computers & Technology, 2012, 2, 85-87.	0.2	1