

Ravi Tomar

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

420
citations

1306789

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h-index

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docs citations

39
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Layer Multimodal Biometric Fusion Using SIFT and SURF Descriptors for Improved Accuracy of Authentication of Human Identity. EAI/Springer Innovations in Communication and Computing, 2022, , 119-142.	0.9	1
2	A novel unmanned aerial vehicle-enabled mobility model for military operations in sparse flying ad-hoc network. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	4
3	A ferry mobility based direction and time-aware greedy delay-tolerant routing (FM-DT-GDR) protocol for sparse flying ad-hoc network. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	5
4	Human Activity Recognition for Elderly People Using Machine and Deep Learning Approaches. Information (Switzerland), 2022, 13, 275.	1.7	31
5	Video super resolution using convolutional neural network and image fusion techniques. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2021, 24, 279-287.	0.7	2
6	To Beacon or Not?: Speed Based Probabilistic Adaptive Beaconing Approach for Vehicular Ad-Hoc Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 156-170.	0.2	4
7	Downlink Performance Improvement Using Base Station Cooperation for Multicell Cellular Networks. Algorithms for Intelligent Systems, 2021, , 225-240.	0.5	0
8	The Vivid Genre of Novel Viral Attack Detection Through Predictive Analytics Using Model Description. Studies in Autonomic, Data-driven and Industrial Computing, 2021, , 509-519.	0.4	0
9	Four-Factor Authentication with Emerging Cybersecurity for Mobile Transactions. Lecture Notes in Electrical Engineering, 2021, , 391-399.	0.3	0
10	Prioritization of Disaster Recovery Aspects Implementing DEMATEL Technique. Algorithms for Intelligent Systems, 2021, , 13-25.	0.5	0
11	An algorithmic approach for performance tuning of a relational database system using dynamic SGA parameters. Spatial Information Research, 2021, 29, 807-823.	1.3	1
12	Image Watermarking Approach Using a Hybrid Domain Based on Performance Parameter Analysis. Information (Switzerland), 2021, 12, 310.	1.7	4
13	A Study of Five Models Based on Non-clinical Data for the Prediction of Diabetes Onset in Medically Under-Served Populations. Communications in Computer and Information Science, 2021, , 116-124.	0.4	0
14	Blockchain Based Smart Contracts for Internet of Medical Things in e-Healthcare. Electronics (Switzerland), 2020, 9, 1609.	1.8	108
15	A Novel Protocol for Information Dissemination in Vehicular Networks. Lecture Notes in Computer Science, 2020, , 1-14.	1.0	7
16	Study of Sentiment Analysis in Mental Health Using Speech Recognition and Image to Text Conversion. Advances in Intelligent Systems and Computing, 2020, , 113-122.	0.5	3
17	Maintaining Trust in VANETs using Blockchain. ACM SIGAda Ada Letters, 2020, 40, 91-96.	0.1	16
18	Low-Voltage Multi-input High Trans-conductance Amplifier using Flipped Voltage Follower and its application in High Pass Filter. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Information Delivery System for Early Forest Fire Detection Using Internet of Things. Communications in Computer and Information Science, 2019, , 477-486.	0.4	13
20	A Review on VANET Routing Protocols and Wireless Standards. Smart Innovation, Systems and Technologies, 2018, , 329-340.	0.5	20
21	The Role of Artificial Intelligence In Space Exploration. , 2018, , .		13
22	An Architectural View Towards Autonomic Cloud Computing. Advances in Intelligent Systems and Computing, 2018, , 573-582.	0.5	18
23	Virtualizing Network Functions in Software-Defined Networks. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2018, , 26-51.	0.5	3
24	Analysis of beaconing performance in IEEE 802.11p on vehicular ad-hoc environment. , 2017, , .		5
25	IoT based interactive shopping ecosystem. , 2016, , .		18
26	Intelligent accident management system using IoT and cloud computing. , 2016, , .		16
27	Diagnosis of diabetic retinopathy using machine learning classification algorithm. , 2016, , .		69
28	E-COCOMO: An effort estimation model for cleanroom software development approach. , 2016, , .		2
29	Intelligent supply chain management system. , 2016, , .		8
30	Blind watermarking technique for greyscale image using DCT and 1-D Walsh coding. , 2015, , .		10
31	OpenECOCOMO: The algorithms and implementation of Extended Cost Constructive Model (E-COCOMO). , 2015, , .		3
32	Intelligent custom dictionary based encryption/decryption scheme. , 2015, , .		0
33	Blind Watermarking Technique for Grey Scale Image Using Block Level Discrete Cosine Transform (DCT). Advances in Intelligent Systems and Computing, 2015, , 81-89.	0.5	9
34	Microporous zeolite catalyst system: an eco-approach for regioselective synthesis of pyrimidobenzimidazoles. Research on Chemical Intermediates, 2015, 41, 3389-3400.	1.3	6
35	Detecting community structure based on traffic at node in networks. , 2014, , .		6
36	Research on recognition method of sports injury parts based on artificial intelligence enabled 3D image simulation analysis. International Journal of Systems Assurance Engineering and Management, 0, , 1.	1.5	2

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37	Simulation of human lower limb skeletal muscle motion based on deep learning. International Journal of Systems Assurance Engineering and Management, 0, , 1.	1.5	0