

# Ravi Tomar

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

420  
citations

1306789

7  
h-index

940134

16  
g-index

39  
all docs

39  
docs citations

39  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain Based Smart Contracts for Internet of Medical Things in e-Healthcare. Electronics (Switzerland), 2020, 9, 1609.	1.8	108
2	Diagnosis of diabetic retinopathy using machine learning classification algorithm. , 2016, , .		69
3	Human Activity Recognition for Elderly People Using Machine and Deep Learning Approaches. Information (Switzerland), 2022, 13, 275.	1.7	31
4	A Review on VANET Routing Protocols and Wireless Standards. Smart Innovation, Systems and Technologies, 2018, , 329-340.	0.5	20
5	IoT based interactive shopping ecosystem. , 2016, , .		18
6	An Architectural View Towards Autonomic Cloud Computing. Advances in Intelligent Systems and Computing, 2018, , 573-582.	0.5	18
7	Intelligent accident management system using IoT and cloud computing. , 2016, , .		16
8	Maintaining Trust in VANETs using Blockchain. ACM SIGAda Ada Letters, 2020, 40, 91-96.	0.1	16
9	The Role of Artificial Intelligence In Space Exploration. , 2018, , .		13
10	Information Delivery System for Early Forest Fire Detection Using Internet of Things. Communications in Computer and Information Science, 2019, , 477-486.	0.4	13
11	Blind watermarking technique for greyscale image using DCT and 1-D Walsh coding. , 2015, , .		10
12	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
13	Low-Voltage Multi-input High Trans-conductance Amplifier using Flipped Voltage Follower and its application in High Pass Filter. , 2019, , .		9
14	Intelligent supply chain management system. , 2016, , .		8
15	A Novel Protocol for Information Dissemination in Vehicular Networks. Lecture Notes in Computer Science, 2020, , 1-14.	1.0	7
16	Detecting community structure based on traffic at node in networks. , 2014, , .		6
17	Microporous zeolite catalyst system: an eco-approach for regioselective synthesis of pyrimidobenzimidazoles. Research on Chemical Intermediates, 2015, 41, 3389-3400.	1.3	6
18	Analysis of beaconing performance in IEEE 802.11p on vehicular ad-hoc environment. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	A ferry mobility based direction and time-aware greedy delay-tolerant routing (FM- $\Delta$ -GDR) protocol for sparse flying ad-hoc network. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	5
20	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
21	Image Watermarking Approach Using a Hybrid Domain Based on Performance Parameter Analysis. Information (Switzerland), 2021, 12, 310.	1.7	4
22	A novel unmanned aerial vehicle-sink enabled mobility model for military operations in sparse flying ad-hoc network. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	4
23	OpenECOCOMO: The algorithms and implementation of Extended Cost Constructive Model (E-COCOMO). , 2015, , .		3
24	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
25	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
26	E-COCOMO: An effort estimation model for cleanroom software development approach. , 2016, , .		2
27	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
28	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
29	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
30	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
31	Intelligent custom dictionary based encryption/decryption scheme. , 2015, , .		0
32	Downlink Performance Improvement Using Base Station Cooperation for Multicell Cellular Networks. Algorithms for Intelligent Systems, 2021, , 225-240.	0.5	0
33	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
34	Four-Factor Authentication with Emerging Cybersecurity for Mobile Transactions. Lecture Notes in Electrical Engineering, 2021, , 391-399.	0.3	0
35	Prioritization of Disaster Recovery Aspects Implementing DEMATEL Technique. Algorithms for Intelligent Systems, 2021, , 13-25.	0.5	0
36	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

#	ARTICLE	IF	CITATIONS
37	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