Vijander Singh

List of Publications by Year
in descending order

28 papers	543 citations	1040056 9 h-index	642732 23 g-index
38 all docs	38 docs citations	38 times ranked	247 citing authors

#	Article	IF	Citations
1	Prediction of COVID-19 corona virus pandemic based on time series data using support vector machine. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1583-1597.	0.8	157
2	Descriptive analysis of COVID-19 patients in the context of India. Journal of Interdisciplinary Mathematics, 2021, 24, 489-504.	0.7	111
3	An enhanced quantum key distribution protocol for security authentication. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 499-507.	0.8	64
4	An improved quantum key distribution protocol for verification. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 491-498.	0.8	51
5	An enhanced energy efficient routing protocol for VANET using special cross over in genetic algorithm. Journal of Statistics and Management Systems, 2019, 22, 1349-1364.	0.6	30
6	Prediction of COVID-19 pandemic measuring criteria using support vector machine, prophet and linear regression models in Indian scenario. Journal of Interdisciplinary Mathematics, 2021, 24, 89-108.	0.7	29
7	Prediction of Software Reliability using Bio Inspired Soft Computing Techniques. Journal of Medical Systems, 2018, 42, 93.	3.6	24
8	A systematic literature review and comparative study of different software quality models. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 585-593.	0.8	13
9	Mycobacterium Tuberculosis Detection Using CNN Ranking Approach. Advances in Intelligent Systems and Computing, 2022, , 583-596.	0.6	9
10	Semantic Analysis and Topic Modelling of Web-Scrapped COVID-19 Tweet Corpora through Data Mining Methodologies. Healthcare (Switzerland), 2022, 10, 881.	2.0	8
11	DTN-Enabled Routing Protocols and Their Potential Influence on Vehicular Ad Hoc Networks. Advances in Intelligent Systems and Computing, 2018, , 367-375.	0.6	7
12	On the Dynamics and Feasibility of Transferred Inference for Diagnosis of Invasive Ductal Carcinoma: A Perspective. IEEE Access, 2022, 10, 30870-30889.	4.2	6
13	Improved route selection algorithm based on TORA over mobile adhoc network. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 617-629.	0.8	5
14	Multi-class SVM based network intrusion detection with attribute selection using infinite feature selection technique. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2137-2153.	0.8	5
15	Software Reliability Prediction of Open Source Software Using Soft Computing Technique. Recent Advances in Computer Science and Communications, 2021, 14, 612-621.	0.7	4
16	Delay Tolerant Networks Architecture, Protocols, and Its Application in Vehicular Ad-Hoc Networks. Advances in Social Networking and Online Communities Book Series, 2019, , 135-161.	0.4	4
17	A Neural Network-Based Approach for Pest Detection and Control in Modern Agriculture Using Internet of Things. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 1-31.	0.4	3
18	Performance modeling for secure migration processes of legacy systems to the cloud computing. , 2021, , 255-279.		3

#	Article	IF	Citations
19	Routing optimization by minimizing one-way delay in delay tolerant enabled vehicular ad-hoc networks using ferry selection approach. , 2017, , .		2
20	Usance of industrial 4.0 technique to overcome the pandemic situation of COVID-19. IOP Conference Series: Materials Science and Engineering, 2021, 1017, 012029.	0.6	2
21	Performance Investigations of Routing Protocols in Manets. Communications in Computer and Information Science, 2011, , 54-63.	0.5	2
22	A Review of Nature-Inspired Algorithm-Based Multi-objective Routing Protocols. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 527-538.	0.7	1
23	Secure Multi-objective Hybrid Routing Protocol For Wireless Sensor Network. Recent Patents on Engineering, 2021, 15, .	0.4	1
24	Review of Register Transfer Language and Micro-operations for Digital Systems. Advances in Intelligent Systems and Computing, 2020, , 769-780.	0.6	1
25	Efficacy Determination of Various Base Networks in Single Shot Detector for Automatic Mask Localisation in a Post COVID Setup. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 345-364.	2.8	1
26	Special Issue on Smart Technologies in Engineering-PART 1. Recent Patents on Computer Science, 2018, 11, 246-246.	0.5	0
27	Delay analysis in order execution and production in gems & jewellery industry : A case study. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 603-615.	0.8	0
28	An Investigation of Simulation Tools and Techniques Based on Traffic and Network. Advances in Intelligent Systems and Computing, 2020, , 187-195.	0.6	0