Vijender Kumar Solanki

List of Publications by Year
in descending order

48 papers	427 citations	933447 10 h-index	839539 18 g-index
51 all docs	51 docs citations	51 times ranked	339 citing authors

#	Article	IF	Citations
1	An IoT Based Predictive Connected Car Maintenance Approach. International Journal of Interactive Multimedia and Artificial Intelligence, 2017, 4, 16.	1.3	60
2	Comparative Study on Ant Colony Optimization (ACO) and K-Means Clustering Approaches for Jobs Scheduling and Energy Optimization Model in Internet of Things (IoT). International Journal of Interactive Multimedia and Artificial Intelligence, 2020, 6, 107.	1.3	54
3	Advanced Automated Module for Smart and Secure City. Procedia Computer Science, 2016, 78, 367-374.	2.0	37
4	IoT Sensor Data Integration in Healthcare using Semantics and Machine Learning Approaches. Intelligent Systems Reference Library, 2020, , 275-300.	1.2	20
5	Conceptual Model for Smart Cities: Irrigation and Highway Lamps using IoT. International Journal of Interactive Multimedia and Artificial Intelligence, 2017, 4, 28.	1.3	20
6	A Survey on Semantic Approaches for IoT Data Integration in Smart Cities. , 2020, , 827-835.		17
7	Performance Analysis of Linked Stream Big Data Processing Mechanisms for Unifying IoT Smart Data. , 2020, , 680-688.		14
8	Applications of Machine Learning Techniques in Supply Chain Optimization. , 2020, , 861-869.		14
9	An efficient incremental clustering based improved K-Medoids for IoT multivariate data cluster analysis. Peer-to-Peer Networking and Applications, 2020, 13, 1152-1175.	3.9	12
10	Hybrid online model based multi seasonal decompose for short-term electricity load forecasting using ARIMA and online RNN. Journal of Intelligent and Fuzzy Systems, 2021, 41, 5639-5652.	1.4	12
11	Opinion Mining. Advances in Data Mining and Database Management Book Series, 2019, , 66-82.	0.5	11
12	Think Home: A Smart Home as Digital Ecosystem. Circuits and Systems, 2016, 07, 1976-1991.	0.1	11
13	Smart City: IOT Based Prototype for Parking Monitoring and Management System Commanded by Mobile App. , 0, , .		10
14	A Novel Approach on Visual Question Answering by Parameter Prediction using Faster Region Based Convolutional Neural Network. International Journal of Interactive Multimedia and Artificial Intelligence, 2019, 5, 30.	1.3	10
15	A Novel Framework to Use Association Rule Mining for classification of traffic accident severity. Ingeniería Solidaria, 2017, 13, 37-44.	0.2	9
16	Analysis of Datamining Technique for Traffic Accident Severity Problem: A Review. , 0, , .		8
17	Theoretical Analysis of Big Data for Smart Scenarios. Intelligent Systems Reference Library, 2019, , 1-12.	1.2	7
18	Smart and Connected Cities Through Technologies. Advances in Civil and Industrial Engineering Book Series, 2019, , 1-24.	0.2	7

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19	BOTNET FORENSIC: ISSUES, CHALLENGES AND GOOD PRACTICES. Network Protocols and Algorithms, 2018, 10, 28.	1.0	6
20	Machine Learning based Improved Gaussian Mixture Model for IoT Real-Time Data Analysis. Ingeniería Solidaria, 2020, 16, .	0.2	6
21	Incremental Hierarchical Clustering driven Automatic Annotations for Unifying IoT Streaming Data. International Journal of Interactive Multimedia and Artificial Intelligence, 2020, 6, 15.	1.3	6
22	Spiking Activity of a LIF Neuron in Distributed Delay Framework. International Journal of Interactive Multimedia and Artificial Intelligence, 2016, 3, 70.	1.3	6
23	Data Mining Approach of Accident Occurrences Identification with Effective Methodology and Implementation. International Journal of Electrical and Computer Engineering, 2018, 8, 4033.	0.7	6
24	A monotonic optimization approach for solving strictly quasiconvex multiobjective programming problems. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6053-6063.	1.4	5
25	Survey on Machine Learning-Based Clustering Algorithms for IoT Data Cluster Analysis. Advances in Intelligent Systems and Computing, 2020, , 1195-1204.	0.6	5
26	Privacy preservation in data intensive environment. Tourism and Management Studies, 2018, 14, 72-79.	2.5	5
27	Prediction of Water Level Using Time Series, Wavelet and Neural Network Approaches. International Journal of Information Retrieval Research, 2020, 10, 1-19.	0.7	4
28	Influence of the multi-resolution technique on tomographic reconstruction in ultrasound tomography. International Journal of Parallel, Emergent and Distributed Systems, 2021, 36, 579-593.	1.0	4
29	Integrating Employee Value Model with Churn Prediction. International Journal of Sensors, Wireless Communications and Control, 2020, 10, 484-493.	0.7	4
30	The Basics of Big Data and Security Concerns. Advances in Information Security, Privacy, and Ethics Book Series, 2017, , 1-12.	0.5	4
31	Performance improvement in contemporaryÂhealth care using IoT alliedÂwith big data. , 2020, , 103-119.		3
32	Blockchain-Based Digital Rights Management Techniques. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 168-180.	0.5	3
33	A Conjoint Analysis of Road Accident Data using K-modes Clustering and Bayesian Networks (Road) Tj ETQq1 1 0.784314 rgBT /Overl		3
34	Normalization Techniques in Multi Modal Biometric. Lecture Notes in Electrical Engineering, 2020, , 425-431.	0.4	3
35	Firewalls policies enhancement strategies towards securing network. , 2013, , .		2
36	SVMâ€"A Way to Measure the Trust Ability of a Cloud Service Based on Rank. Lecture Notes in Electrical Engineering, 2019, , 105-113.	0.4	1

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37	Educational Data Mining and Indian Technical Education System. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 18-34.	0.2	1
38	An Enhanced Multi-Frequency Distorted Born Iterative Method for Ultrasound Tomography Based on Fundamental Tone and Overtones. International Journal of Information Retrieval Research, 2021, 12, 1-19.	0.7	1
39	Novel Noise Filter Techniques and Dynamic Ensemble Selection for Classification. Recent Advances in Computer Science and Communications, 2022, 15, 48-59.	0.7	1
40	Securing Networks Using Situation-Based Firewall Policy Computations. Advances in Intelligent Systems and Computing, 2014, , 1029-1035.	0.6	0
41	An Improvement for Tomographic Density Imaging Using Integration of DBIM and Interpolation. , 2018, , .		0
42	Novel Advances in the Development of Machine Learning Solutions for Scientific Programming. Scientific Programming, 2019, 2019, 1-2.	0.7	0
43	Fragmentation in Distributed Database Design Based on Ant Colony Optimization Technique. International Journal of Information Retrieval Research, 2019, 9, 28-37.	0.7	0
44	Prediction of Water Level Using Time Series, Wavelet and Neural Network Approaches. , 2022, , 1077-1097.		0
45	Smart and Connected Cities Through Technologies. , 2022, , 1113-1131.		0
46	Â¿Es la virtualizaciÃ³n una ciencia de la nube en la actualidad?. IngenierÃa Solidaria, 2018, 14, 1-11.	0.2	0
47	Cloud Computing Based Knowledge Mapping Between Existing and Possible Academic Innovationsâ€"An Indian Techno-Educational Context. Studies in Big Data, 2019, , 87-106.	1.1	0
48	An Analytical Approach from Cloud Computing Data Intensive Environment to Internet of Things in Academic Potentialities. Intelligent Systems Reference Library, 2020, , 363-381.	1.2	0