

# Deepali Virmani

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

542  
citations

1163117

8  
h-index

713466

21  
g-index

72  
all docs

72  
docs citations

72  
times ranked

496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of K-Means and K-Medoids Algorithm For Big Data. <i>Procedia Computer Science</i> , 2016, 78, 507-512.	2.0	274
2	Air Quality Prediction using Machine Learning Algorithms –A Review. , 2020, , .		30
3	An Enhanced Deep Convolutional Neural Network for Classifying Indian Classical Dance Forms. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6253.	2.5	20
4	A deep learning approach based hardware solution to categorise garbage in environment. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 1129-1152.	6.5	18
5	A Fuzzy Logic-Based Method to Avert Intrusions in Wireless Sensor Networks Using WSN-DS Dataset. <i>International Journal of Computational Intelligence and Applications</i> , 2020, 19, .	0.8	17
6	Tsunami in the last 15 years: a bibliometric analysis with a detailed overview and future directions. <i>Natural Hazards</i> , 2021, 106, 139-172.	3.4	14
7	FDREnet: Face Detection and Recognition Pipeline. <i>Engineering, Technology &amp; Applied Science Research</i> , 2019, 9, 3933-3938.	1.9	14
8	Multimodal human eye blink recognition method using feature level fusion for exigency detection. <i>Soft Computing</i> , 2020, 24, 16829-16845.	3.6	11
9	Dynamic Cluster Head Selection Using Fuzzy Logic on Cloud in Wireless Sensor Networks. <i>Procedia Computer Science</i> , 2015, 48, 497-502.	2.0	9
10	Intelligent information retrieval for Tsunami detection using wireless sensor nodes. , 2016, , .		9
11	Computational method to prove efficacy of datasets. <i>Journal of Information and Optimization Sciences</i> , 2021, 42, 211-233.	0.3	9
12	Information retrieval from facial expression using voting to assert exigency. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019, 22, 177-190.	0.8	7
13	A hybrid fuzzy framework for face detection and recognition using behavioral traits. <i>Journal of Statistics and Management Systems</i> , 2019, 22, 271-287.	0.6	7
14	Intelligent information retrieval in a Tsunami detection system using wireless sensor networks. , 2016, , .		6
15	Reckoning number of eye blinks using eye facet correlation for exigency detection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 5279-5286.	1.4	6
16	Ensemble learning using fast rule based fuzzy K –means pre clustering and classification for aquatic behavior-extracted tsunami prediction. <i>Journal of Information and Optimization Sciences</i> , 2019, 40, 441-453.	0.3	6
17	Contactless heart rate estimation from face videos. <i>Journal of Statistics and Management Systems</i> , 2020, 23, 1275-1284.	0.6	6
18	Information Retrieval from Emotions and Eye Blinks with help of Sensor Nodes. <i>International Journal of Electrical and Computer Engineering</i> , 2018, 8, 2433.	0.7	6

#	ARTICLE	IF	CITATIONS
19	A Text Preprocessing Approach for Efficacious Information Retrieval. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 13-22.	0.6	5
20	HashMiner: Feature Characterisation and analysis of #Hashtag Hijacking using real-time neural network. <i>Procedia Computer Science</i> , 2017, 115, 786-793.	2.0	4
21	Proficient 3-class classification model for confident overlap value based fuzzified aquatic information extracted tsunami prediction. <i>Intelligent Decision Technologies</i> , 2019, 13, 295-303.	0.9	4
22	Overlap Function Based Fuzzified Aquatic Behaviour Information Extracted Tsunami Prediction Model. <i>International Journal of Distributed Systems and Technologies</i> , 2019, 10, 56-81.	0.7	4
23	iSeePlus : A cost effective smart assistance archetype based on deep learning model for visually impaired. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 1741-1756.	0.3	4
24	Entropy deviation method for analyzing network intrusion. , 2016, , .		3
25	Sorted K-Means Towards the Enhancement of K-Means to Form Stable Clusters. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 479-486.	0.6	3
26	Cross domain analyzer to acquire review proficiency in big data. <i>ICT Express</i> , 2017, 3, 128-131.	4.8	3
27	Ensemble model using hybridization of angles and distances for emotion recognition (HADER). <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 1453-1461.	0.3	3
28	Did They Sense it Coming? A Pipelined Approach for Tsunami Prediction Based on Aquatic Behavior Using Ensemble Clustering and Fuzzy Rule-Based Classification. <i>IEEE Access</i> , 2020, 8, 166922-166939.	4.2	3
29	Incept_LSTM : Accession for human activity concession in automatic surveillance. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 2259-2273.	0.8	3
30	Dynamic Clustering Protocol for Data Forwarding in Wireless Sensor Networks. <i>International Journal of Computers &amp; Technology</i> , 2013, 7, 549-557.	0.2	3
31	Competence computation of attacks in wireless sensor network. <i>Journal of Statistics and Management Systems</i> , 2020, 23, 1227-1239.	0.6	3
32	Health monitoring catalogue based on human activity classification using machine learning. <i>International Journal of Electrical and Computer Engineering</i> , 2022, 12, 3970.	0.7	3
33	Comparison of Proposed Data Dissemination Protocols for Sensor Networks Using J-Sim. , 2009, , .		2
34	Secure and Fault Tolerant Dynamic Cluster Head Selection Method for Wireless Sensor Networks. <i>Procedia Computer Science</i> , 2015, 46, 989-996.	2.0	2
35	Intelligent Information Retrieval Technique for Wireless Sensor Networks. , 2015, , .		2
36	Substantiation of K-Means and Affinity Propagation algorithm. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Mining underground alert signals for seismic detection using wireless sensor nodes. , 2017, , .		2
38	Smart Anti-theft System for Vehicles Using Mobile Phone. Advances in Intelligent Systems and Computing, 2019, , 265-278.	0.6	2
39	Enhanced Tiny Encryption Algorithm with Embedding (ETEA). International Journal of Computers & Technology, 2013, 7, 493-499.	0.2	2
40	An Approach for Big Data to Evolve the Auspicious Information from Cross-Domains. International Journal of Electrical and Computer Engineering, 2017, 7, 967.	0.7	2
41	Robust and Real Time Data Delivery in Wireless Sensor Networks. Communications in Computer and Information Science, 2010, , 129-135.	0.5	1
42	Maestro Algorithm for Sentiment Evaluation. , 2015, , .		1
43	Deployment of Wireless Sensor Networks for intelligent information retrieval in marine environment. , 2015, , .		1
44	Variegated data swabbing: An improved purge approach for data cleaning. , 2017, , .		1
45	CNN-LSTM-Based Facial Expression Recognition. Lecture Notes in Networks and Systems, 2021, , 379-389.	0.7	1
46	Quality of Service On-demand Power Aware Routing Algorithm for Wireless Sensor Networks. Communications in Computer and Information Science, 2010, , 281-289.	0.5	1
47	Proficient Normalised Fuzzy K-Means With Initial Centroids Methodology. International Journal of Knowledge Discovery in Bioinformatics, 2018, 8, 42-59.	0.8	1
48	Boundary Outlier Centroid Based Reduced Overlapping Image Segmentation. Journal of Engineering Science and Technology Review, 2018, 11, 1-9.	0.4	1
49	DCNN-Based Facial Expression Recognition Using Transfer Learning. Advances in Intelligent Systems and Computing, 2021, , 509-520.	0.6	1
50	Fault tolerant optimal path for data delivery in wireless sensor networks. , 2010, , .		0
51	Aspect level sentiment analysis to distil scrupulous opinionated result. , 2015, , .		0
52	Centralized Message Reporting System in Wireless Sensor Networks. , 2016, , .		0
53	A Novel Framework for Data Processing and Computation of Wireless Sensor Networks on Cloud. , 2016, , 219-226.		0
54	HuDA_COVID Human Disposition Analysis During COVID-19 Using Machine Learning. International Journal of E-Health and Medical Communications, 2022, 13, 1-15.	1.6	0

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55	Empirical Assessment of Bacillus Calmette-Guérin Vaccine to Combat COVID-19. Computers, Materials and Continua, 2022, 70, 213-231.	1.9	0
56	Se.Re.Ne.: Stress Detection Using EEG and ECG. Lecture Notes in Networks and Systems, 2021, , 189-198.	0.7	0
57	Centralized Lifetime Maximizing Tree For Wireless Sensor Networks. International Journal of Computer and Electrical Engineering, 0, , 529-534.	0.2	0
58	Maximizing Network Lifetime Operator for Wireless Sensor Networks. International Journal of Computers & Technology, 2013, 4, 267-272.	0.2	0
59	Fault Tolerant Clustering Protocol for Data Delivery in Wireless Sensor Networks. International Journal of Future Generation Communication and Networking, 2014, 7, 21-34.	0.7	0
60	“BOMEST” a Vital Approach to Extract the Propitious Information from the Big Data. Lecture Notes in Networks and Systems, 2018, , 441-448.	0.7	0
61	A Novel Algorithm to Segregate Suspicious node in FzMAI. , 2020, , .		0
62	Multimodal Human Eye Blink Recognition Using Z-score Based Thresholding and Weighted Features. International Journal of Interactive Multimedia and Artificial Intelligence, 2021, In Press, 1.	1.3	0
63	FZMAI and MBSCIH Model for Preventing and Detecting Intrusions in Wireless Sensor Network. , 2021, , .		0