

Dr Praveen Kumar Reddy M

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

5,704
citations

109137

35
h-index

85405

71
g-index

82
all docs

82
docs citations

82
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	InfusedHeart: A Novel Knowledge-Infused Learning Framework for Diagnosis of Cardiovascular Events. IEEE Transactions on Computational Social Systems, 2024, , 1-10.	3.2	35
2	Cyberbullying detection solutions based on deep learning architectures. Multimedia Systems, 2023, 29, 1839-1852.	3.0	58
3	Deep neural networks to predict diabetic retinopathy. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 5407-5420.	3.3	151
4	Antlion re-sampling based deep neural network model for classification of imbalanced multimodal stroke dataset. Multimedia Tools and Applications, 2022, 81, 41429-41453.	2.6	24
5	A review on deep learning for future smart cities. Internet Technology Letters, 2022, 5, e187.	1.4	68
6	Providing diagnosis on diabetes using cloud computing environment to the people living in rural areas of India. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2829-2840.	3.3	41
7	Identification of malnutrition and prediction of BMI from facial images using real-time image processing and machine learning. IET Image Processing, 2022, 16, 647-658.	1.4	34
8	Industry 5.0: A survey on enabling technologies and potential applications. Journal of Industrial Information Integration, 2022, 26, 100257.	4.3	411
9	Blockchain for Edge of Things: Applications, Opportunities, and Challenges. IEEE Internet of Things Journal, 2022, 9, 964-988.	5.5	90
10	Federated Learning for Cybersecurity: Concepts, Challenges, and Future Directions. IEEE Transactions on Industrial Informatics, 2022, 18, 3501-3509.	7.2	114
11	Energy Optimization for Green Communication in IoT Using Harris Hawks Optimization. IEEE Transactions on Green Communications and Networking, 2022, 6, 685-694.	3.5	42
12	Certificateless Aggregated Signcryption Scheme (CLASS) for Cloud-Fog Centric Industry 4.0. IEEE Transactions on Industrial Informatics, 2022, 18, 6349-6357.	7.2	19
13	A survey on blockchain for big data: Approaches, opportunities, and future directions. Future Generation Computer Systems, 2022, 131, 209-226.	4.9	184
14	Federated learning enabled digital twins for smart cities: Concepts, recent advances, and future directions. Sustainable Cities and Society, 2022, 79, 103663.	5.1	94
15	A Review on Security and Privacy of Internet of Medical Things. Internet of Things, 2022, , 171-187.	1.3	14
16	Catalysis of neural activation functions: Adaptive feed-forward training for big data applications. Applied Intelligence, 2022, 52, 13364-13383.	3.3	7
17	A survey on Zero touch network and Service Management (ZSM) for 5G and beyond networks. Journal of Network and Computer Applications, 2022, 203, 103362.	5.8	47
18	Incentive Mechanisms for Smart Grid: State of the Art, Challenges, Open Issues, Future Directions. Big Data and Cognitive Computing, 2022, 6, 47.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Multiobjectives for Optimal Geographic Routing in IoT Health Care System. Complexity, 2022, 2022, 1-15.	0.9	6
20	Fusion of Federated Learning and Industrial Internet of Things: A survey. Computer Networks, 2022, 212, 109048.	3.2	46
21	Harris Hawk Optimization: A Survey on Variants and Applications. Computational Intelligence and Neuroscience, 2022, 2022, 1-20.	1.1	24
22	A metaheuristic optimization approach for energy efficiency in the IoT networks. Software - Practice and Experience, 2021, 51, 2558-2571.	2.5	152
23	An AI-based intelligent system for healthcare analysis using Ridge-Adaline Stochastic Gradient Descent Classifier. Journal of Supercomputing, 2021, 77, 1998-2017.	2.4	84
24	A novel PCA-whale optimization-based deep neural network model for classification of tomato plant diseases using GPU. Journal of Real-Time Image Processing, 2021, 18, 1383-1396.	2.2	174
25	Spatiotemporal-based sentiment analysis on tweets for risk assessment of event using deep learning approach. Software - Practice and Experience, 2021, 51, 550-570.	2.5	26
26	Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey. Sustainable Cities and Society, 2021, 65, 102589.	5.1	300
27	An ensemble machine learning approach through effective feature extraction to classify fake news. Future Generation Computer Systems, 2021, 117, 47-58.	4.9	213
28	A Blockchain Based Cloud Integrated IoT Architecture Using a Hybrid Design. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 550-559.	0.2	11
29	Deep Neural Networks Based Approach for Battery Life Prediction. Computers, Materials and Continua, 2021, 69, 2599-2615.	1.5	16
30	A Review on Bitcoin and Currency Encryption. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 84-98.	0.4	2
31	Comparative analysis of machine learning algorithms for prediction of smart grid stability ^{â€}. International Transactions on Electrical Energy Systems, 2021, 31, e12706.	1.2	37
32	Multi-objective cluster head selection using fitness averaged rider optimization algorithm for IoT networks in smart cities. Sustainable Energy Technologies and Assessments, 2021, 43, 100973.	1.7	87
33	Hand gesture classification using a novel CNN-crow search algorithm. Complex & Intelligent Systems, 2021, 7, 1855-1868.	4.0	112
34	A Two-stage Text Feature Selection Algorithm for Improving Text Classification. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-19.	1.3	26
35	Optimal Radius for Enhanced Lifetime in IoT Using Hybridization of Rider and Grey Wolf Optimization. IEEE Transactions on Green Communications and Networking, 2021, 5, 635-644.	3.5	22
36	A Machine Learning Driven Threat Intelligence System for Malicious URL Detection. , 2021, , .		21

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37	Malicious URL Detection using Logistic Regression. , 2021, , .		26
38	Unmanned Aerial Vehicles in Smart Agriculture: Applications, Requirements, and Challenges. IEEE Sensors Journal, 2021, 21, 17608-17619.	2.4	243
39	Genetically optimized prediction of remaining useful life. Sustainable Computing: Informatics and Systems, 2021, 31, 100565.	1.6	17
40	Fake Review Classification Using Supervised Machine Learning. Lecture Notes in Computer Science, 2021, , 269-288.	1.0	11
41	Roughsets-based Approach for Predicting Battery Life in IoT. Intelligent Automation and Soft Computing, 2021, 27, 453-469.	1.6	27
42	An ensemble model for intrusion detection in the Internet of Softwarized Things. , 2021, , .		20
43	Genetic CFL: Hyperparameter Optimization in Clustered Federated Learning. Computational Intelligence and Neuroscience, 2021, 2021, 1-10.	1.1	33
44	A Review on Cyber Crimes on the Internet of Things. Signals and Communication Technology, 2021, , 83-98.	0.4	11
45	Black-Hole Attack Mitigation in Medical Sensor Networks Using the Enhanced Gravitational Search Algorithm. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2021, 29, 297-315.	0.9	24
46	Hybrid genetic algorithm and a fuzzy logic classifier for heart disease diagnosis. Evolutionary Intelligence, 2020, 13, 185-196.	2.3	265
47	Multiclass Model for Agriculture Development Using Multivariate Statistical Method. IEEE Access, 2020, 8, 183749-183758.	2.6	40
48	Deep learning disease prediction model for use with intelligent robots. Computers and Electrical Engineering, 2020, 87, 106765.	3.0	27
49	Security and privacy of UAV data using blockchain technology. Journal of Information Security and Applications, 2020, 55, 102670.	1.8	73
50	A Multidirectional LSTM Model for Predicting the Stability of a Smart Grid. IEEE Access, 2020, 8, 85454-85463.	2.6	136
51	Green communication in IoT networks using a hybrid optimization algorithm. Computer Communications, 2020, 159, 97-107.	3.1	103
52	Automated category Text identification using Machine Learning. , 2020, , .		1
53	An effective feature engineering for DNN using hybrid PCA-GWO for intrusion detection in IoMT architecture. Computer Communications, 2020, 160, 139-149.	3.1	245
54	ECMCRR-MPDNL for Cellular Network Traffic Prediction With Big Data. IEEE Access, 2020, 8, 113419-113428.	2.6	8

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55	Analysis of Dimensionality Reduction Techniques on Big Data. IEEE Access, 2020, 8, 54776-54788.	2.6	458
56	Blended Multi-Modal Deep ConvNet Features for Diabetic Retinopathy Severity Prediction. Electronics (Switzerland), 2020, 9, 914.	1.8	95
57	A Novel PCA-Firefly Based XGBoost Classification Model for Intrusion Detection in Networks Using GPU. Electronics (Switzerland), 2020, 9, 219.	1.8	229
58	An Ensemble based Machine Learning model for Diabetic Retinopathy Classification. , 2020, , .		70
59	Load balancing of energy cloud using wind driven and firefly algorithms in internet of everything. Journal of Parallel and Distributed Computing, 2020, 142, 16-26.	2.7	93
60	A deep neural networks based model for uninterrupted marine environment monitoring. Computer Communications, 2020, 157, 64-75.	3.1	65
61	Predictive model for battery life in IoT networks. IET Intelligent Transport Systems, 2020, 14, 1388-1395.	1.7	59
62	A Blockchain-Based Credibility Scoring Framework for Electronic Medical Records. , 2020, , .		12
63	An Incentive Based Approach for COVID-19 planning using Blockchain Technology. , 2020, , .		27
64	Enhanced Adaptive Distributed Energy-Efficient Clustering (EADEEC) for Wireless Sensor Networks. Recent Advances in Computer Science and Communications, 2020, 13, 168-172.	0.5	5
65	Early Detection of Diabetic Retinopathy Using PCA-Firefly Based Deep Learning Model. Electronics (Switzerland), 2020, 9, 274.	1.8	226
66	Location Based Business Recommendation Using Spatial Demand. Sustainability, 2020, 12, 4124.	1.6	15
67	Internet of Things and Fog Computing Applications in Intelligent Transportation Systems. Advances in Computer and Electrical Engineering Book Series, 2020, , 131-150.	0.2	10
68	Agribot. Advances in Computer and Electrical Engineering Book Series, 2020, , 151-157.	0.2	5
69	A hybrid cluster head selection model for Internet of Things. Cluster Computing, 2019, 22, 13095-13107.	3.5	23
70	Implementing self adaptiveness in whale optimization for cluster head section in Internet of Things. Cluster Computing, 2019, 22, 1361-1372.	3.5	57
71	Heart Disease Prediction Using Machine Learning Algorithm. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 2603-2606.	0.2	10
72	Applications of Domain-Specific Predictive Analytics Applied to Big Data. Advances in Business Information Systems and Analytics Book Series, 2019, , 289-306.	0.3	8

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73	Energy Efficient Cluster Head Selection for Internet of Things. New Review of Information Networking, 2017, 22, 54-70.	0.3	41
74	Vehicle Theft Identification and Intimation Using GSM & IOT. IOP Conference Series: Materials Science and Engineering, 2017, 263, 042062.	0.3	11
75	BIG data based on healthcare analysis using IOT devices. IOP Conference Series: Materials Science and Engineering, 2017, 263, 042059.	0.3	11
76	Token passing techniques to support real time communications on WTPN used for industrial control applications. , 2017, , .		0
77	Feature selection analysis for multimedia event detection. IOP Conference Series: Materials Science and Engineering, 2017, 263, 042004.	0.3	0
78	Efficient frequent pattern mining algorithm based on node sets in cloud computing environment. IOP Conference Series: Materials Science and Engineering, 2017, 263, 042003.	0.3	0
79	Energy Aware Cluster Head Selection for Maximizing Lifetime Improvement in Internet of Things. International Journal of Grid and High Performance Computing, 2017, 9, 71-91.	0.7	3
80	An Evolutionary Secure Energy Efficient Routing Protocol in Internet of Things. International Journal of Intelligent Engineering and Systems, 2017, 10, 337-346.	0.8	30
81	A Novel Approach for Home Surveillance System Using IoT Adaptive Security. SSRN Electronic Journal, 0, , .	0.4	13