

# Venkatachalam K

## List of Publications by Year in descending order

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30  
papers

1,313  
citations

516561

16  
h-index

414303

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g-index

37  
all docs

37  
docs citations

37  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy efficient offloading mechanism using particle swarm optimization in 5G enabled edge nodes. Cluster Computing, 2023, 26, 587-598.	3.5	21
2	Training Multi-Layer Perceptron with Enhanced Brain Storm Optimization Metaheuristics. Computers, Materials and Continua, 2022, 70, 4199-4215.	1.5	38
3	Deep Belief Neural Network for 5G Diabetes Monitoring in Big Data on Edge IoT. Mobile Networks and Applications, 2022, 27, 1060-1069.	2.2	18
4	Modified firefly algorithm for workflow scheduling in cloud-edge environment. Neural Computing and Applications, 2022, 34, 9043-9068.	3.2	82
5	Smart Edge Computing for 5G/6G Satellite IOT for Reducing Inter Transmission Delay. Mobile Networks and Applications, 2022, 27, 1050-1059.	2.2	14
6	Deep learning model for deep fake face recognition and detection. PeerJ Computer Science, 2022, 8, e881.	2.7	9
7	Hybridized sine cosine algorithm with convolutional neural networks dropout regularization application. Scientific Reports, 2022, 12, 6302.	1.6	49
8	Novel Harris Hawks Optimization and Deep Neural Network Approach for Intrusion Detection. Algorithms for Intelligent Systems, 2022, , 239-250.	0.5	15
9	A Novel Edge-Based Trust Management System for the Smart City Environment Using Eigenvector Analysis. Journal of Healthcare Engineering, 2022, 2022, 1-10.	1.1	0
10	A Novel Multiswarm Firefly Algorithm: An Application for Plant Classification. Lecture Notes in Networks and Systems, 2022, , 1007-1016.	0.5	13
11	XGBoost Design by Multi-verse Optimiser: An Application for Network Intrusion Detection. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 1-16.	0.5	3
12	Support vector machine and simple recurrent network based automatic sleep stage classification of fuzzy kernel. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 6189-6197.	3.3	18
13	Improved Harris Hawks Optimization Algorithm for Workflow Scheduling Challenge in Cloud-Edge Environment. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 87-102.	0.5	36
14	Hybrid Genetic Algorithm and Machine Learning Method for COVID-19 Cases Prediction. Lecture Notes in Networks and Systems, 2021, , 169-184.	0.5	74
15	COVID-19 cases prediction by using hybrid machine learning and beetle antennae search approach. Sustainable Cities and Society, 2021, 66, 102669.	5.1	230
16	Optimized convolutional neural network by firefly algorithm for magnetic resonance image classification of glioma brain tumor grade. Journal of Real-Time Image Processing, 2021, 18, 1085-1098.	2.2	47
17	Optimizing Convolutional Neural Network by Hybridized Elephant Herding Optimization Algorithm for Magnetic Resonance Image Classification of Glioma Brain Tumor Grade. , 2021, , .		45
18	Secure biometric authentication with de-duplication on distributed cloud storage. PeerJ Computer Science, 2021, 7, e569.	2.7	38

#	ARTICLE	IF	CITATIONS
19	Hybrid Fruit-Fly Optimization Algorithm with K-Means for Text Document Clustering. Mathematics, 2021, 9, 1929.	1.1	83
20	Enhanced Dragonfly Algorithm Adapted for Wireless Sensor Network Lifetime Optimization. Algorithms for Intelligent Systems, 2021, , 803-817.	0.5	49
21	Chaotic Harris Hawks Optimization with Quasi-Reflection-Based Learning: An Application to Enhance CNN Design. Sensors, 2021, 21, 6654.	2.1	59
22	Artificial Neural Networks Hidden Unit and Weight Connection Optimization by Quasi-Reflection-Based Learning Artificial Bee Colony Algorithm. IEEE Access, 2021, 9, 169135-169155.	2.6	55
23	A novel method of motor imagery classification using eeg signal. Artificial Intelligence in Medicine, 2020, 103, 101787.	3.8	42
24	Combining statistical models using modified spectral subtraction method for embedded system. Microprocessors and Microsystems, 2020, 73, 102957.	1.8	30
25	Energy efficient data collection in sparse sensor networks using multiple Mobile Data Patrons. Computers and Electrical Engineering, 2020, 87, 106778.	3.0	18
26	Automatic detection and classification of EEG artifacts using fuzzy kernel SVM and wavelet ICA (WICA). Soft Computing, 2020, 24, 16011-16019.	2.1	55
27	FCO "Fuzzy constraints applied Cluster Optimization" technique for Wireless AdHoc Networks. Computer Communications, 2020, 154, 501-508.	3.1	17
28	Effective Feature Set Selection and Centroid Classifier Algorithm for Web Services Discovery. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 441.	0.7	5
29	Novel hybrid firefly algorithm: an application to enhance XGBoost tuning for intrusion detection classification. PeerJ Computer Science, 0, 8, e956.	2.7	37
30	Deep fake detection using cascaded deep sparse auto-encoder for effective feature selection. PeerJ Computer Science, 0, 8, e1040.	2.7	4