BalaAnand Muthu

List of Publications by Year
in descending order

38 papers	1,074 citations	430754 18 h-index	454834 30 g-index
46 all docs	46 docs citations	46 times ranked	530 citing authors

#	Article	IF	Citations
1	The importance of public support in the implementation of green transportation in the smart cities. Computational Intelligence, 2024, 40, .	2.1	5
2	Design of an energy‐efficient IoT device with optimized data management in sports person health monitoring application. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4258.	2.6	9
3	Knowledge-based systems for blockchain-based cognitive cloud computing model for security purposes. International Journal of Modeling, Simulation, and Scientific Computing, 2022, 13, .	0.9	7
4	IoT based smart and intelligent smart city energy optimization. Sustainable Energy Technologies and Assessments, 2022, 49, 101724.	1.7	35
5	Smart assistance to dyslexia students using artificial intelligence based augmentative alternative communication. International Journal of Speech Technology, 2022, 25, 343-353.	1.4	2
6	Research on Intelligent Trash Can Garbage Classification Scheme Based on Improved YOLOv3 Target Detection Algorithm. Journal of Interconnection Networks, 2022, 22, .	0.6	4
7	Blockchain Assisted Disease Identification of COVID-19 Patients with the Help of IDA-DNN Classifier. Wireless Personal Communications, 2022, 126, 2597-2620.	1.8	5
8	Revamping land coverage analysis using aerial satellite image mapping. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3927.	2.6	18
9	Estimating snow depth Inversion Model Assisted Vector Analysis based on temperature brightness for North Xinjiang region of China. European Journal of Remote Sensing, 2021, 54, 265-274.	1.7	6
10	Regional electromagnetic actuation simulation and monitoring for robotically aided surgical equipment with Medical platform. Measurement: Journal of the International Measurement Confederation, 2021, 168, 108248.	2.5	7
11	Chlorophyll-a concentration in the hailing bay using remote sensing assisted sparse statistical modelling. European Journal of Remote Sensing, 2021, 54, 284-295.	1.7	4
12	The necessary of constructing preventive health intervention policy under the trend of deep aging in China. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3539-3547.	3.3	11
13	Research on the design of analytical communication and information model for teaching resources with cloud‐sharing platform. Computer Applications in Engineering Education, 2021, 29, 359-369.	2.2	40
14	Industrial Internet of Things for smart manufacturing applications using Hierarchical Trustful Resource Assignment. Work, 2021, 68, 955-965.	0.6	29
15	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks. Wireless Personal Communications, 2021, 119, 3255-3270.	1.8	8
16	ISOF: Information Scheduling and Optimization Framework for Improving the Performance of Agriculture Systems Aided by Industry 4.0. IEEE Internet of Things Journal, 2021, 8, 3120-3129.	5.5	46
17	Ai-based framework for risk estimation in workplace. Aggression and Violent Behavior, 2021, , 101616.	1.2	2
18	Wearable energy efficient fitness tracker for sports person health monitoring application. Journal of Intelligent and Fuzzy Systems, 2021, , 1-10.	0.8	1

#	Article	IF	Citations
19	Frontiers in Telemedicine and Internet of Things in Health Monitoring. Technology and Health Care, 2021, 29, 1-3.	0.5	1
20	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities. Sustainable Energy Technologies and Assessments, 2021, 45, 100986.	1.7	59
21	Wearable energy-efficient fitness tracking system for sports person health monitoring application. Journal of Intelligent and Fuzzy Systems, 2021, , 1-13.	0.8	0
22	Sentimental analysis in student-teacher communication for effective learning. Aggression and Violent Behavior, 2021, , 101629.	1.2	2
23	Design of Internet of Things and big data analytics-based disaster risk management. Soft Computing, 2021, 25, 12415-12427.	2.1	6
24	Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-16.	1.3	4
25	Colour and orientation of pixel based video retrieval using IHBM similarity measure. Multimedia Tools and Applications, 2020, 79, 10199-10214.	2.6	12
26	Dominant gray level based K-means algorithm for MRI images. Health and Technology, 2020, 10, 281-287.	2.1	26
27	Detection of flood disaster system based on IoT, big data and convolutional deep neural network. Computer Communications, 2020, 150, 150-157.	3.1	131
28	Innovative and efficient method of robotics for helping the Parkinson's disease patient using IoT in big data analytics. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3838.	2.6	32
29	Achieving data security and privacy across healthcare applications using cyber security mechanisms. Electronic Library, 2020, 38, 979-995.	0.8	26
30	Artificial intelligence with robotics for advanced manufacturing industry using robot-assisted mixed-integer programming model. Intelligent Service Robotics, 2020, , 1.	1.6	7
31	Sustainable Smart City Building Construction Methods. Sustainability, 2020, 12, 4947.	1.6	30
32	IOT based wearable sensor for diseases prediction and symptom analysis in healthcare sector. Peer-to-Peer Networking and Applications, 2020, 13, 2123-2134.	2.6	141
33	LASSO-based feature selection and naïve Bayes classifier for crime prediction and its type. Service Oriented Computing and Applications, 2019, 13, 187-197.	1.3	25
34	An enhanced graph-based semi-supervised learning algorithm to detect fake users on Twitter. Journal of Supercomputing, 2019, 75, 6085-6105.	2.4	64
35	Envisioning Social Media Information for Big Data Using Big Vision Schemes in Wireless Environment. Wireless Personal Communications, 2019, 109, 777-796.	1.8	34
36	Intelligent security algorithm for UNICODE data privacy and security in IOT. Service Oriented Computing and Applications, 2019, 13, 3-15.	1.3	63

#	Article	IF	Citations
37	Eshopping Scam Identification using Machine Learning. , 2018, , .		16
38	Certain Investigation on Power Preservation in Sensor Networks. , 2018, , .		13