

Monica Subashini M

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

627
citations

1039406

9
h-index

1125271

13
g-index

40
all docs

40
docs citations

40
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI based medical image analysis: Survey on brain tumor grade classification. Biomedical Signal Processing and Control, 2018, 39, 139-161.	3.5	274
2	Pulse coupled neural networks and its applications. Expert Systems With Applications, 2014, 41, 3965-3974.	4.4	102
3	A non-invasive methodology for the grade identification of astrocytoma using image processing and artificial intelligence techniques. Expert Systems With Applications, 2016, 43, 186-196.	4.4	75
4	Identification of Autism in Children Using Static Facial Features and Deep Neural Networks. Brain Sciences, 2022, 12, 94.	1.1	34
5	Investigation of Eye-Tracking Scan Path as a Biomarker for Autism Screening Using Machine Learning Algorithms. Diagnostics, 2022, 12, 518.	1.3	27
6	An Expert System for COVID-19 Infection Tracking in Lungs Using Image Processing and Deep Learning Techniques. BioMed Research International, 2021, 2021, 1-17.	0.9	19
7	A Comparative Study of Interference and Mitigation Techniques in Wireless Body Area Networks. Wireless Personal Communications, 2018, 98, 2333-2365.	1.8	18
8	Internet of Things based Wireless Plant Sensor for Smart Farming. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 456.	0.7	17
9	Medical Imaging With Intelligent Systems: A Review. , 2019, , 53-73.		13
10	A Deep Neural Network-Based Model for Screening Autism Spectrum Disorder Using the Quantitative Checklist for Autism in Toddlers (QCHAT). Journal of Autism and Developmental Disorders, 2022, 52, 2732-2746.	1.7	13
11	Anemia diagnosis by fuzzy logic using LabVIEW. , 2017, , .		9
12	An overview on wireless body area networks. , 2017, , .		6
13	Development of bio-shields for Arduino Uno. , 2018, , .		4
14	A new approach to traffic sign recognition through primary visual characteristics. , 2017, , .		3
15	A survey of different image processing methods for the design and development of an efficient traffic sign board recognition system. , 2017, , .		2
16	Comparative Analysis of Clustering Techniques for Movie Recommendation. MATEC Web of Conferences, 2018, 225, 02004.	0.1	2
17	Low cost and processor efficient facial recognition system. , 2017, , .		1
18	An investigative approach towards various image segmentation algorithms used for traffic sign recognition. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	A novel method for the extraction of primary visual features from an image through intelligent feature descriptors. , 2017, , .		1
20	Rheumatic Heart Disease Classification Using Adaptive Filters. MATEC Web of Conferences, 2018, 225, 03006.	0.1	1
21	Implementation of wearable glucose sensor node with energy harvesting for Wireless Body Area Network. , 2019, , .		1
22	A new approach for Interference Mitigation in Multiple WBAN Using EMR-Rules. , 2020, , .		1
23	Two - Hop Interference Conscious and Energy-Efficient Routing Protocol for WBAN. Journal of Advanced Research in Dynamical and Control Systems, 2019, 11, 466-477.	0.3	1
24	Remote Health Monitoring and Doctor on Call System. , 2022, , .		1
25	Smart tool for integrated chips selection. , 2013, , .		0
26	An efficient non-invasive method for brain tumor grade analysis on MR images. , 2017, , .		0
27	Notice of Violation of IEEE Publication Principles: The study of the effect of denoising on vectorized convolutional neural network. , 2017, , .		0
28	Histopathological Image Analysis for the Grade Identification of Tumor. Lecture Notes in Computational Vision and Biomechanics, 2018, , 297-316.	0.5	0
29	Design of Distributed Control and Emergency Shutdown System for Urea and Ammonia Plant. MATEC Web of Conferences, 2018, 225, 02006.	0.1	0
30	Energy Efficient Blood Transfusion System. MATEC Web of Conferences, 2018, 225, 02015.	0.1	0
31	ECG Signal Processing and Analysis for Accurate Features Extraction. , 2019, , .		0
32	Image Analytics on Damage Assessment to Draw Inferences on Pre and Post Incident Assessment. Lecture Notes in Mechanical Engineering, 2021, , 69-77.	0.3	0
33	Analysis of Stutter Signals with Subsequent Filtering and Smoothing. Advances in Intelligent Systems and Computing, 2014, , 71-78.	0.5	0
34	Study and Implementation of Various Image De-Noising Methods for Traffic Sign Board Recognition. Advances in Science, Technology and Engineering Systems, 2019, 4, 545-560.	0.4	0
35	Detection of Heart Abnormalities Using Fuzzy Decision Making and Wireless Transmission of Disease Information. Journal of Testing and Evaluation, 2019, 47, 3893-3911.	0.4	0
36	Skin Cancer Detection Using Advanced Imaging Techniques. Advances in Intelligent Systems and Computing, 2020, , 229-237.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Design and development of a smart blind walking stick using machine learning. Journal of Medical Engineering and Technology, 2022, , 1-6.	0.8	0
38	Intelligent framework for brain tumor grading using advanced feature analysis. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2023, 11, 485-503.	1.3	0