

T Rajalakshmi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

77
citations

1937685

4
h-index

1720034

7
g-index

22
all docs

22
docs citations

22
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer-based automated analysis of X-ray and thermal imaging of knee region in evaluation of rheumatoid arthritis. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 1178-1187.	1.8	16
2	Diagnosis of rheumatoid arthritis in knee using fuzzy C means segmentation technique. , 2016, , .		9
3	Automated thermal image segmentation of knee rheumatoid arthritis. , 2016, , .		7
4	Wearable Cardiorespiratory Monitoring Device for Heart Attack Prediction. , 2019, , .		7
5	Design and Development of Wearable Device for Continuous Monitoring of Sleep APNEA Disorder. , 2019, , .		6
6	Retinal model-based visual perception: Applied for medical image processing. Biologically Inspired Cognitive Architectures, 2016, 18, 95-104.	0.9	5
7	NON-INVASIVE BLOOD GLUCOSE ANALYSIS BASED ON GALVANIC SKIN RESPONSE FOR DIABETIC PATIENTS. Biomedical Engineering - Applications, Basis and Communications, 2018, 30, 1850009.	0.6	5
8	SEGMENTATION OF LIVER TUMOR USING FAST GREEDY SNAKE ALGORITHM. Biomedical Engineering - Applications, Basis and Communications, 2019, 31, 1950013.	0.6	5
9	Physiological modeling for detecting degree of perception of a color-deficient person. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 276-285.	1.8	4
10	Non-invasive technique to detect diabetic retinopathy based on Electrooculography signal using machine learning classifiers. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2022, 236, 882-895.	1.8	4
11	Non-invasive thyroid detection based on electroglottogram signal using machine learning classifiers. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 1128-1145.	1.8	2
12	AUTOMATED SEGMENTATION OF COVID-19 REGIONS FROM LUNG CT IMAGES USING WATERSHED ALGORITHM AND CLASSIFICATION USING MACHINE LEARNING CLASSIFIERS. Biomedical Engineering - Applications, Basis and Communications, 2022, 34, .	0.6	2
13	DESIGN AND IMPLEMENTATION OF A PORTABLE AUTOMATED AUDIOMETER FOR HEARING CLASSIFICATION USING MACHINE LEARNING APPROACHES. Biomedical Engineering - Applications, Basis and Communications, 2022, 34, .	0.6	2
14	Contour-contrast enhancement based on retinal layer processing. , 2014, , .		1
15	Study of a retinal layer model to generate a spike waveform for a color deficient and strabismus individual. Biomedizinische Technik, 2019, 64, 285-295.	0.8	1
16	AUTOMATED CRADLE WITH INCUBATOR FOR INFANTS. Biomedical Engineering - Applications, Basis and Communications, 2020, 32, 2050037.	0.6	1
17	Physiological Modeling of Retinal Layers for Detecting the Level of Perception of People with Strabismus. Advances in Intelligent Systems and Computing, 2017, , 177-185.	0.6	0
18	Imaging of bone using infrared radiation. International Journal of Engineering and Technology(UAE), 2018, 7, 139.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Analysis of Heel Fissure Therapy using Thermal Imaging and Image Processing. , 2020, , .		0
20	AUTOMATED SEGMENTATION OF HEEL FISSURES BASED ON THERMAL IMAGE PROCESSING AND CLASSIFICATION BASED ON MACHINE LEARNING ALGORITHMS. Biomedical Engineering - Applications, Basis and Communications, 2021, 33, 2150032.	0.6	0
21	Detection of Liver Tumor Using Gradient Vector Flow Algorithm. Lecture Notes in Computational Vision and Biomechanics, 2019, , 1055-1065.	0.5	0