

Sivaraman Jayaraman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

219
citations

9
h-index

13
g-index

36
ext. papers

338
ext. citations

2.3
avg, IF

3.74
L-index

#	Paper	IF	Citations
27	Effects of Menstrual Cycle on Atrial ECG Components. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 219-227	0.4	
26	Development of Optimal Corrected P _{Ta} Interval Formula for Different Heart Rates. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 269-276	0.4	
25	Design and Development of LSTM-RNN Model for the Prediction of RR Intervals in ECG Signals. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 133-141	0.4	1
24	The Role of Heart Rate Variability in Atrial ECG Components of Normal Sinus Rhythm and Sinus Tachycardia Subjects. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 637-644	0.4	3
23	Development of glucose oxidase-chitosan immobilized paper biosensor using screen-printed electrode for amperometric detection of Cr(VI) in water. <i>3 Biotech</i> , 2021 , 11, 183	2.8	7
22	Analysis and classification of heart rate using CatBoost feature ranking model. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102610	4.9	5
21	Engineering principles and process designs for phosphorus recovery as struvite: A comprehensive review. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105579	6.8	18
20	Stability analysis on the effects of heart rate variability and premature activation of atrial ECG dynamics using ARMAX model. <i>Physical and Engineering Sciences in Medicine</i> , 2020 , 43, 1361-1370	7	5
19	Colorimetric paper bioassay by horseradish peroxidase for the detection of catechol and resorcinol in aqueous samples. <i>Preparative Biochemistry and Biotechnology</i> , 2020 , 50, 849-856	2.4	7
18	A Study on Stability Analysis of QT Interval Dynamics of ECG Using ARMAX Model. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 307-316	0.2	1
17	The Role and Significance of Atrial ECG Components in Standard and Modified Lead Systems. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 347-355	0.2	1
16	Fractal Dimension of Fundoscopical Retinal Images for Diagnosing of Diabetic Retinopathy. <i>Learning and Analytics in Intelligent Systems</i> , 2020 , 23-30	0.3	
15	A customized nonlocal restoration schemes with adaptive strength of smoothening for magnetic resonance images. <i>Biomedical Signal Processing and Control</i> , 2019 , 49, 160-172	4.9	14
14	A prospective case study of high boost, high frequency emphasis and two-way diffusion filters on MR images of glioblastoma multiforme. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018 , 41, 415-427	1.9	9
13	Formulation and statistical evaluation of an automated algorithm for locating small bowel tumours in wireless capsule endoscopy. <i>Biocybernetics and Biomedical Engineering</i> , 2018 , 38, 782-793	5.7	
12	An objective method to identify optimum clip-limit and histogram specification of contrast limited adaptive histogram equalization for MR images. <i>Biocybernetics and Biomedical Engineering</i> , 2017 , 37, 489-497	5.7	31
11	A full reference Morphological Edge Similarity Index to account processing induced edge artefacts in magnetic resonance images. <i>Biocybernetics and Biomedical Engineering</i> , 2017 , 37, 159-166	5.7	7

10	Modified extraction and characterization of keratin from Indian goat hoof: A biocompatible biomaterial for tissue regenerative applications. <i>Integrated Ferroelectrics</i> , 2017 , 184, 41-49	0.8	7
9	2017,		5
8	Modified limb lead ECG system effects on electrocardiographic wave amplitudes and frontal plane axis in sinus rhythm subjects. <i>Anatolian Journal of Cardiology</i> , 2017 , 17, 46-54	0.8	12
7	An Edge Preservation Index for Evaluating Nonlinear Spatial Restoration in MR Images. <i>Current Medical Imaging</i> , 2017 , 13, 58-65	1.2	9
6	Noise Based Computation of Decay Control Parameter in Nonlocal Means Filter for MRI Restoration. <i>Journal of Medical Imaging and Health Informatics</i> , 2016 , 6, 1027-1037	1.2	6
5	A study on stability analysis of atrial repolarization variability using ARX model in sinus rhythm and atrial tachycardia ECGs. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 137, 341-351	6.9	13
4	Normal limits of ECG measurements related to atrial activity using a modified limb lead system. <i>Anatolian Journal of Cardiology</i> , 2015 , 15, 2-6		14
3	Unmasking of atrial repolarization waves using a simple modified limb lead system. <i>Anatolian Journal of Cardiology</i> , 2015 , 15, 605-10	0.8	9
2	A Study on Atrial Ta Wave Morphology in Healthy Subjects: An Approach Using P Wave Signal-Averaging Method. <i>Journal of Medical Imaging and Health Informatics</i> , 2014 , 4, 675-680	1.2	14
1	A modified chest leads for minimization of ventricular activity in electrocardiograms 2012,		6