

Sivaraman Jayaraman

List of Publications by Citations

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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 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | An Edge Preservation Index for Evaluating Nonlinear Spatial Restoration in MR Images. <i>Current Medical Imaging</i> , 2017 , 13, 58-65 | 1.2 | 9 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | A modified chest leads for minimization of ventricular activity in electrocardiograms 2012 , | | 6 |
| 12 | 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 |
| 11 | 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 |

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| 10 | 2017, | | 5 |
| 9 | Analysis and classification of heart rate using CatBoost feature ranking model. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102610 | 4.9 | 5 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 | |
| 3 | Fractal Dimension of Fundoscopical Retinal Images for Diagnosing of Diabetic Retinopathy. <i>Learning and Analytics in Intelligent Systems</i> , 2020 , 23-30 | 0.3 | |
| 2 | Effects of Menstrual Cycle on Atrial ECG Components. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 219-227 | 0.4 | |
| 1 | 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 | |