

Saman Parvaneh

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

768
citations

933447

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752698

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33
all docs

33
docs citations

33
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble of Feature-based and Deep learning-based Classifiers for Detection of Abnormal Heart Sounds. , 0, , .		93
2	Motor Performance Assessment in Parkinsonâ€™s Disease: Association between Objective In-Clinic, Objective In-Home, and Subjective/Semi-Objective Measures. PLoS ONE, 2015, 10, e0124763.	2.5	90
3	Sensor-Based Interactive Balance Training with Visual Joint Movement Feedback for Improving Postural Stability in Diabetics with Peripheral Neuropathy: A Randomized Controlled Trial. Gerontology, 2015, 61, 567-574.	2.8	88
4	Cardiac arrhythmia detection using deep learning: A review. Journal of Electrocardiology, 2019, 57, S70-S74.	0.9	86
5	Densely connected convolutional networks for detection of atrial fibrillation from short single-lead ECG recordings. Journal of Electrocardiology, 2018, 51, S18-S21.	0.9	68
6	Regulation of Cardiac Autonomic Nervous System Control across Frailty Statuses: A Systematic Review. Gerontology, 2016, 62, 3-15.	2.8	60
7	Stress among surgical attending physicians and trainees. Journal of Trauma and Acute Care Surgery, 2016, 81, 723-728.	2.1	46
8	Analyzing single-lead short ECG recordings using dense convolutional neural networks and feature-based post-processing to detect atrial fibrillation. Physiological Measurement, 2018, 39, 084003.	2.1	46
9	Postural Transitions during Activities of Daily Living Could Identify Frailty Status: Application of Wearable Technology to Identify Frailty during Unsupervised Condition. Gerontology, 2017, 63, 479-487.	2.8	44
10	Utilizing occurrence sequence of Heart Rate's phase space points in order to discriminate heart Arrhythmia. , 2010, , .		15
11	Can motor function uncertainty and local instability within upper-extremity dual-tasking predict amnesic mild cognitive impairment and early-stage Alzheimer's disease?. Computers in Biology and Medicine, 2020, 120, 103705.	7.0	15
12	Stressing the dressing: Assessing stress during wound care in real-time using wearable sensors. Wound Medicine, 2014, 4, 21-26.	2.7	14
13	Frailty and heart response to physical activity. Archives of Gerontology and Geriatrics, 2021, 93, 104323.	3.0	12
14	How to interpret psychology from heart rate variability?. , 2011, , .		11
15	Pervasive Lying Posture Tracking. Sensors, 2020, 20, 5953.	3.8	10
16	Sonography Images for Breast Cancer Texture Classification in Diagnosis of Malignant or Benign Tumors. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	9
17	Impact of mental stress on heart rate asymmetry. , 2015, , .		9
18	Frailty Identification Using Heart Rate Dynamics: A Deep Learning Approach. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3409-3417.	6.3	9

#	ARTICLE	IF	CITATIONS
19	Predicting the spontaneous termination of atrial fibrillation based on Poincare section in the electrocardiogram phase space. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2012, 226, 3-20.	1.8	8
20	Path to precision: prevention of post-operative atrial fibrillation. Journal of Thoracic Disease, 2020, 12, 2735-2746.	1.4	7
21	Electrocardiogram synthesis using a Gaussian combination model (GCM). , 2007, , .		5
22	Frailty assessment using a novel approach based on combined motor and cardiac functions: a pilot study. BMC Geriatrics, 2022, 22, 199.	2.7	5
23	Emotion Recognition based on Utilizing Occurrence Sequence of Heart Rate's Phase Space Points. , 2012, , .		4
24	Evaluating valence level of pictures stimuli in heart rate variability response. , 2015, , .		3
25	Emotion Recognition Using Parabolic Phase Space ?Mapping for Heart Rate Variability Analysis. , 2017, , .		2
26	The association between heart rate behavior and gait performance: The moderating effect of frailty. PLoS ONE, 2022, 17, e0264013.	2.5	2
27	Drug Management: How to Provide Drug on Assigned Time?. , 2009, , .		1
28	Diabetic Foot Ulcers: How Stressed are Patients During Clinical Visits?. Journal of Alternative and Complementary Medicine, 2014, 20, A149-A149.	2.1	1
29	Novel Cardiac Risk Factor Stratification Using Neuro-fuzzy Tool. , 2008, , .		0
30	Evaluation of risk factors selection in cardiac risk stratification. , 2008, , .		0
31	Prevalence of Ventricular Ectopy in Older Adults across Different Frailty Levels. , 0, , .		0
32	Automatic Diagnosis of Cardiac Disease from Twelve-Lead and Reduced-Lead ECGs Using Multilabel Classification. , 2021, , .		0