

Saman Parvaneh

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

768
citations

933447

10
h-index

752698

20
g-index

33
all docs

33
docs citations

33
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Frailty Identification Using Heart Rate Dynamics: A Deep Learning Approach. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3409-3417.	6.3	9
2	The association between heart rate behavior and gait performance: The moderating effect of frailty. PLoS ONE, 2022, 17, e0264013.	2.5	2
3	Frailty assessment using a novel approach based on combined motor and cardiac functions: a pilot study. BMC Geriatrics, 2022, 22, 199.	2.7	5
4	Frailty and heart response to physical activity. Archives of Gerontology and Geriatrics, 2021, 93, 104323.	3.0	12
5	Automatic Diagnosis of Cardiac Disease from Twelve-Lead and Reduced-Lead ECGs Using Multilabel Classification. , 2021, , .		0
6	Pervasive Lying Posture Tracking. Sensors, 2020, 20, 5953.	3.8	10
7	Path to precision: prevention of post-operative atrial fibrillation. Journal of Thoracic Disease, 2020, 12, 2735-2746.	1.4	7
8	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
9	Cardiac arrhythmia detection using deep learning: A review. Journal of Electrocardiology, 2019, 57, S70-S74.	0.9	86
10	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
11	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
12	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
13	Emotion Recognition Using Parabolic Phase Space ?Mapping for Heart Rate Variability Analysis. , 2017, , .		2
14	Regulation of Cardiac Autonomic Nervous System Control across Frailty Statuses: A Systematic Review. Gerontology, 2016, 62, 3-15.	2.8	60
15	Stress among surgical attending physicians and trainees. Journal of Trauma and Acute Care Surgery, 2016, 81, 723-728.	2.1	46
16	Evaluating valence level of pictures stimuli in heart rate variability response. , 2015, , .		3
17	Impact of mental stress on heart rate asymmetry. , 2015, , .		9
18	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

#	ARTICLE	IF	CITATIONS
19	Motor Performance Assessment in Parkinson's Disease: Association between Objective In-Clinic, Objective In-Home, and Subjective/Semi-Objective Measures. PLoS ONE, 2015, 10, e0124763.	2.5	90
20	Stressing the dressing: Assessing stress during wound care in real-time using wearable sensors. Wound Medicine, 2014, 4, 21-26.	2.7	14
21	Diabetic Foot Ulcers: How Stressed are Patients During Clinical Visits?. Journal of Alternative and Complementary Medicine, 2014, 20, A149-A149.	2.1	1
22	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
23	Emotion Recognition based on Utilizing Occurrence Sequence of Heart Rate's Phase Space Points. , 2012, , .		4
24	How to interpret psychology from heart rate variability?. , 2011, , .		11
25	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
26	Utilizing occurrence sequence of Heart Rate's phase space points in order to discriminate heart Arrhythmia. , 2010, , .		15
27	Drug Management: How to Provide Drug on Assigned Time?. , 2009, , .		1
28	Novel Cardiac Risk Factor Stratification Using Neuro-fuzzy Tool. , 2008, , .		0
29	Evaluation of risk factors selection in cardiac risk stratification. , 2008, , .		0
30	Electrocardiogram synthesis using a Gaussian combination model (GCM). , 2007, , .		5
31	Ensemble of Feature-based and Deep learning-based Classifiers for Detection of Abnormal Heart Sounds. , 0, , .		93
32	Prevalence of Ventricular Ectopy in Older Adults across Different Frailty Levels. , 0, , .		0