

An-Bang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

409
citations

759190

12
h-index

752679

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all docs

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times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Application of Multiscale Cross-Approximate Entropy for Assessing Early Changes in the Complexity between Systolic Blood Pressure and ECG R-R Intervals in Diabetic Rats. <i>Entropy</i> , 2022, 24, 473.	2.2	3
2	Development of Neuro-Degenerative Diseasesâ€™™ Gait Classification Algorithm Using Convolutional Neural Network and Wavelet Coherence Spectrogram of Gait Synchronization. <i>IEEE Access</i> , 2022, 10, 38137-38153.	4.2	7
3	Lower Risk of Dementia in Patients With Atrial Fibrillation Taking Nonâ€™vitamin K Antagonist Oral Anticoagulants: A Nationwide Populationâ€™Based Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e016437.	3.7	19
4	High 1-year risk of stroke in patients with hepatocellular carcinoma: a nationwide registry-based cohort study. <i>Scientific Reports</i> , 2021, 11, 10444.	3.3	1
5	Dynamic Changes and Temporal Association with Ambient Temperatures: Nonlinear Analyses of Stroke Events from a National Health Insurance Database. <i>Journal of Clinical Medicine</i> , 2021, 10, 5041.	2.4	0
6	Development of a Neurodegenerative Disease Gait Classification Algorithm Using Multiscale Sample Entropy and Machine Learning Classifiers. <i>Entropy</i> , 2020, 22, 1340.	2.2	16
7	A Novel Assessment of Baroreflex Activity Through the Similarity of Ternary Codes of Oscillations Between Arterial Blood Pressure and Râ€™R Intervals. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 727-734.	1.8	2
8	Compatibility of pulseâ€™pulse intervals with Râ€™R intervals in assessing cardiac autonomic function and its relation to risks of atherosclerosis. <i>Tzu Chi Medical Journal</i> , 2020, 32, 41.	1.1	2
9	Multiscale Approximate Entropy for Gait Analysis in Patients with Neurodegenerative Diseases. <i>Entropy</i> , 2019, 21, 934.	2.2	8
10	In vivo assessment of endothelial function in small animals using an infrared pulse detector. <i>Tzu Chi Medical Journal</i> , 2019, 31, 217.	1.1	1
11	Difference in bilateral digital volume pulse as a novel non-invasive approach to assessing arteriosclerosis in aged and diabetic subjects: A preliminary study. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 254-257.	2.0	10
12	Vibration signals of snoring as a simple severity predictor for obstructive sleep apnea. <i>Clinical Respiratory Journal</i> , 2016, 10, 440-448.	1.6	6
13	HSPB7 interacts with dimerized FLNC and its absence results in progressive myopathy in skeletal muscles. <i>Journal of Cell Science</i> , 2016, 129, 1661-70.	2.0	49
14	Multiscale Entropy Analysis of Surface Electromyographic Signals from the Urethral Sphincter as a Prognostic Indicator for Surgical Candidates with Primary Bladder Neck Obstruction. <i>Entropy</i> , 2015, 17, 8089-8098.	2.2	5
15	Application of multiscale entropy in arterial waveform contour analysis in healthy and diabetic subjects. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 89-98.	2.8	7
16	Application of a Modified Entropy Computational Method in Assessing the Complexity of Pulse Wave Velocity Signals in Healthy and Diabetic Subjects. <i>Entropy</i> , 2014, 16, 4032-4043.	2.2	25
17	Assessment of autonomic dysfunction in patients with type 2 diabetes using reactive hyperemia. <i>Journal of Theoretical Biology</i> , 2013, 330, 9-17.	1.7	14
18	Assessing vascular endothelial function using frequency and rank order statistics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 3122-3131.	2.6	1

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19	Simultaneous assessment of autonomic nervous and vascular endothelial functions in a rat model. Biomedizinische Technik, 2013, 58, 205-12.	0.8	4
20	Assessing spontaneous baroreflex in aged with pulse-pulse intervals and pulse amplitudes. , 2013, 2013, 2072-5.		0
21	Multiscale Cross-Approximate Entropy Analysis as a Measurement of Complexity between ECG R-R Interval and PPG Pulse Amplitude Series among the Normal and Diabetic Subjects. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-7.	1.3	25
22	Multiscale Cross-Approximate Entropy Analysis as a Measure of Complexity among the Aged and Diabetic. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-7.	1.3	22
23	Six-channel ECG-based pulse wave velocity for assessing whole-body arterial stiffness. Blood Pressure, 2012, 21, 167-176.	1.5	15
24	Arterial Stiffness Using Radial Arterial Waveforms Measured at the Wrist as an Indicator of Diabetic Control in the Elderly. IEEE Transactions on Biomedical Engineering, 2011, 58, 243-252.	4.2	54
25	Measuring Pulse Wave Velocity Using ECG and Photoplethysmography. Journal of Medical Systems, 2011, 35, 771-777.	3.6	37
26	Assessment of Endothelial Function Using Arterial Pressure Signals. Journal of Signal Processing Systems, 2011, 64, 223-232.	2.1	28
27	Multiscale Entropy Analysis of Pulse Wave Velocity for Assessing Atherosclerosis in the Aged and Diabetic. IEEE Transactions on Biomedical Engineering, 2011, 58, 2978-2981.	4.2	46
28	Linguistic analysis of the arterial pressure signals using frequency and rank order statistics. , 2010, , .		1
29	A Reliable Multi-Channel Measurement Based on ECG for Atherosclerosis Assessment. , 2009, , .		0
30	Acute Ophthalmoplegia with Tonic Pupils. Neuro-Ophthalmology, 2007, 31, 137-140.	1.0	1