

Yoshiharu Yamamoto

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

6,151
citations

61977

43
h-index

91872

69
g-index

203
all docs

203
docs citations

203
times ranked

5502
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in heart rate variability signal analysis: joint position statement by the e-Cardiology ESC Working Group and the European Heart Rhythm Association co-endorsed by the Asia Pacific Heart Rhythm Society. <i>Europace</i> , 2015, 17, 1341-1353.	1.7	589
2	Behavioral-Independent Features of Complex Heartbeat Dynamics. <i>Physical Review Letters</i> , 2001, 86, 6026-6029.	7.8	305
3	Behavioral Stochastic Resonance within the Human Brain. <i>Physical Review Letters</i> , 2003, 90, 218103.	7.8	165
4	Synchronization of spontaneous eyeblinks while viewing video stories. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3635-3644.	2.6	147
5	Functional Stochastic Resonance in the Human Brain: Noise Induced Sensitization of Baroreflex System. <i>Physical Review Letters</i> , 2000, 85, 3740-3743.	7.8	140
6	Noisy vestibular stimulation improves autonomic and motor responsiveness in central neurodegenerative disorders. <i>Annals of Neurology</i> , 2005, 58, 175-181.	5.3	129
7	Universal Scaling Law in Human Behavioral Organization. <i>Physical Review Letters</i> , 2007, 99, 138103.	7.8	129
8	Extracting fractal components from time series. <i>Physica D: Nonlinear Phenomena</i> , 1993, 68, 250-264.	2.8	121
9	Non-Gaussian heart rate as an independent predictor of mortality in patients with chronic heart failure. <i>Heart Rhythm</i> , 2008, 5, 261-268.	0.7	115
10	Noisy vestibular stimulation improves body balance in bilateral vestibulopathy. <i>Neurology</i> , 2014, 82, 969-975.	1.1	113
11	Critical Scale Invariance in a Healthy Human Heart Rate. <i>Physical Review Letters</i> , 2004, 93, 178103.	7.8	105
12	Phase Transition in a Healthy Human Heart Rate. <i>Physical Review Letters</i> , 2005, 95, 058101.	7.8	101
13	Noisy galvanic vestibular stimulation induces a sustained improvement in body balance in elderly adults. <i>Scientific Reports</i> , 2016, 6, 37575.	3.3	95
14	Model for complex heart rate dynamics in health and diseases. <i>Physical Review E</i> , 2005, 72, 041904.	2.1	90
15	Tension-Type Headache and Physical Activity: An Actigraphic Study. <i>Cephalalgia</i> , 2007, 27, 1236-1243.	3.9	87
16	Assessment of the primary effect of aging on heart rate variability in humans. <i>Clinical Autonomic Research</i> , 2000, 10, 123-130.	2.5	86
17	Criticality and Phase Transition in Stock-Price Fluctuations. <i>Physical Review Letters</i> , 2006, 96, 068701.	7.8	86
18	Single-trial EEG Power and Phase Dynamics Associated with Voluntary Response Inhibition. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 714-727.	2.3	84

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19	Of Mice and Men – Universality and Breakdown of Behavioral Organization. PLoS ONE, 2008, 3, e2050.	2.5	83
20	Improvement of motor functions by noisy vestibular stimulation in central neurodegenerative disorders. Journal of Neurology, 2008, 255, 1657-1661.	3.6	77
21	Model for cardiorespiratory synchronization in humans. Physical Review E, 2002, 65, 051923.	2.1	73
22	Enhancement of stochastic resonance in a FitzHugh-Nagumo neuronal model driven by colored noise. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 243, 281-287.	2.1	70
23	1/f Noise Outperforms White Noise in Sensitizing Baroreflex Function in the Human Brain. Physical Review Letters, 2003, 91, 078101.	7.8	67
24	Reliability of Recalled Self-Report on Headache Intensity: Investigation using Ecological Momentary Assessment Technique. Cephalalgia, 2006, 26, 1335-1343.	3.9	64
25	Dynamics of sleep stage transitions in healthy humans and patients with chronic fatigue syndrome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1980-R1987.	1.8	63
26	Human cortical activities during Go/NoGo tasks with opposite motor control paradigms. Experimental Brain Research, 2002, 142, 301-307.	1.5	62
27	An Early Study on Intelligent Analysis of Speech Under COVID-19: Severity, Sleep Quality, Fatigue, and Anxiety. , 0, , .		62
28	Noise-induced large-scale phase synchronization of human-brain activity associated with behavioural stochastic resonance. Europhysics Letters, 2007, 80, 40009.	2.0	58
29	Noisy Galvanic Vestibular Stimulation Sustainably Improves Posture in Bilateral Vestibulopathy. Frontiers in Neurology, 2018, 9, 900.	2.4	58
30	1/f-scaling in heart rate requires antagonistic autonomic control. Physical Review E, 2004, 70, 050901.	2.1	57
31	A real-time assessment of the effect of exercise in chronic fatigue syndrome. Physiology and Behavior, 2007, 92, 963-968.	2.1	56
32	Cytokines across the Night in Chronic Fatigue Syndrome with and without Fibromyalgia. Vaccine Journal, 2010, 17, 582-587.	3.1	55
33	Multiscale Analysis of Intensive Longitudinal Biomedical Signals and Its Clinical Applications. Proceedings of the IEEE, 2016, 104, 242-261.	21.3	54
34	Noisy vestibular stimulation increases gait speed in normals and in bilateral vestibulopathy. Brain Stimulation, 2018, 11, 709-715.	1.6	52
35	Decreased fractal component of human heart rate variability during non-REM sleep. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H17-H21.	3.2	50
36	Enhanced Persistency of Resting and Active Periods of Locomotor Activity in Schizophrenia. PLoS ONE, 2012, 7, e43539.	2.5	50

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37	Respiratory influences on non-linear dynamics of heart rate variability in humans. <i>Biological Cybernetics</i> , 1997, 77, 1-10.	1.3	49
38	Mechanism of stochastic resonance enhancement in neuronal models driven by 1/f noise. <i>Physical Review E</i> , 1999, 60, 4637-4644.	2.1	49
39	Internal noise determines external stochastic resonance in visual perception. <i>Vision Research</i> , 2008, 48, 1569-1573.	1.4	49
40	Increased Non-Gaussianity of Heart Rate Variability Predicts Cardiac Mortality after an Acute Myocardial Infarction. <i>Frontiers in Physiology</i> , 2011, 2, 65.	2.8	49
41	Estimator of a non-Gaussian parameter in multiplicative log-normal models. <i>Physical Review E</i> , 2007, 76, 041113.	2.1	48
42	Co-Variation of Depressive Mood and Locomotor Dynamics Evaluated by Ecological Momentary Assessment in Healthy Humans. <i>PLoS ONE</i> , 2013, 8, e74979.	2.5	48
43	Artificial Intelligence Internet of Things for the Elderly: From Assisted Living to Health-Care Monitoring. <i>IEEE Signal Processing Magazine</i> , 2021, 38, 78-88.	5.6	47
44	Asymmetrical singularities in real-world signals. <i>Physical Review E</i> , 2003, 68, 065204.	2.1	46
45	Symptom Profile of Multiple Chemical Sensitivity in Actual Life. <i>Psychosomatic Medicine</i> , 2005, 67, 318-325.	2.0	46
46	Multiscale Probability Density Function Analysis: Non-Gaussian and Scale-Invariant Fluctuations of Healthy Human Heart Rate. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 95-102.	4.2	45
47	How does stochastic resonance work within the human brain? “ Psychophysics of internal and external noise. <i>Chemical Physics</i> , 2010, 375, 616-624.	1.9	44
48	Sleep-Stage Dynamics in Patients with Chronic Fatigue Syndrome with or without Fibromyalgia. <i>Sleep</i> , 2011, 34, 1551-60.	1.1	42
49	Temporal contribution of body movement to very long-term heart rate variability in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1035-H1041.	3.2	38
50	Plasma Cytokine Fluctuations over Time in Healthy Controls and Patients with Fibromyalgia. <i>Experimental Biology and Medicine</i> , 2009, 234, 232-240.	2.4	38
51	NREM Sleep Stage Transitions Control Ultradian REM Sleep Rhythm. <i>Sleep</i> , 2011, 34, 1423-1432.	1.1	38
52	Application of ecological momentary assessment in stress-related diseases. <i>BioPsychoSocial Medicine</i> , 2008, 2, 13.	2.1	37
53	Heart Rate and Blood Pressure Variability and Baroreflex Sensitivity in Patients With Anorexia Nervosa. <i>Psychosomatic Medicine</i> , 2008, 70, 695-700.	2.0	37
54	Audio for Audio is Better? An Investigation on Transfer Learning Models for Heart Sound Classification. , 2020, 2020, 74-77.		36

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55	Heart Rate Variability to Monitor Autonomic Nervous System Activity During Orthostatic Stress. <i>Journal of Clinical Pharmacology</i> , 1994, 34, 558-562.	2.0	34
56	A Measure of Heart Rate Variability is Sensitive to Orthostatic Challenge in Women with Chronic Fatigue Syndrome. <i>Experimental Biology and Medicine</i> , 2003, 228, 167-174.	2.4	34
57	Long-range negative correlation of glucose dynamics in humans and its breakdown in diabetes mellitus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1638-R1643.	1.8	34
58	Novel Class of Neural Stochastic Resonance and Error-Free Information Transfer. <i>Physical Review Letters</i> , 2008, 100, 118103.	7.8	34
59	Systematic comparison between ecological momentary assessment and day reconstruction method for fatigue and mood states in healthy adults. <i>British Journal of Health Psychology</i> , 2013, 18, 155-167.	3.5	34
60	Covariation of Depressive Mood and Spontaneous Physical Activity in Major Depressive Disorder: Toward Continuous Monitoring of Depressive Mood. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1347-1355.	6.3	33
61	Baroreceptor Reflex and Integrative Stress Responses in Chronic Fatigue Syndrome. <i>Psychosomatic Medicine</i> , 2003, 65, 889-895.	2.0	32
62	Non-Gaussianity of Low Frequency Heart Rate Variability and Sympathetic Activation: Lack of Increases in Multiple System Atrophy and Parkinson Disease. <i>Frontiers in Physiology</i> , 2012, 3, 34.	2.8	32
63	Noise-Enhanced Heart Rate and Sympathetic Nerve Responses to Oscillatory Lower Body Negative Pressure in Humans. <i>Journal of Neurophysiology</i> , 2001, 86, 559-564.	1.8	31
64	Activity rhythm degrades after strenuous exercise in chronic fatigue syndrome. <i>Physiology and Behavior</i> , 2002, 77, 39-44.	2.1	31
65	Effect of Noisy Galvanic Vestibular Stimulation on Ocular Vestibular-Evoked Myogenic Potentials to Bone-Conducted Vibration. <i>Frontiers in Neurology</i> , 2017, 8, 26.	2.4	30
66	Mortality Prediction in Severe Congestive Heart Failure Patients With Multifractal Point-Process Modeling of Heartbeat Dynamics. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2345-2354.	4.2	30
67	Multiscale Entropy of the Heart Rate Variability for the Prediction of an Ischemic Stroke in Patients with Permanent Atrial Fibrillation. <i>PLoS ONE</i> , 2015, 10, e0137144.	2.5	30
68	Use of time-frequency analysis to investigate temporal patterns of cardiac autonomic response during head-up tilt in chronic fatigue syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 113, 55-62.	2.8	28
69	Computer Audition for Healthcare: Opportunities and Challenges. <i>Frontiers in Digital Health</i> , 2020, 2, 5.	2.8	27
70	Traditional Chinese Medicine Improves Activities of Daily Living in Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-7.	1.1	26
71	Does sleep aggravate tension-type headache?: An investigation using computerized ecological momentary assessment and actigraphy. <i>BioPsychoSocial Medicine</i> , 2011, 5, 10.	2.1	26
72	Spectral Analysis of Blood Pressure Variability in Heart Transplant Patients. <i>Hypertension</i> , 1995, 25, 643-650.	2.7	26

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73	Frequency characteristics of long-term heart rate variability during constant-routine protocol. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R171-R176.	1.8	25
74	Aging of Complex Heart Rate Dynamics. IEEE Transactions on Biomedical Engineering, 2006, 53, 89-94.	4.2	25
75	Power-law temporal autocorrelation of activity reflects severity of parkinsonism. Movement Disorders, 2007, 22, 1308-1313.	3.9	25
76	Actigraphy monitoring of symptoms in patients with Parkinson's disease. Physiology and Behavior, 2013, 119, 156-160.	2.1	25
77	Actigraph Evaluation of Acupuncture for Treating Restless Legs Syndrome. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	1.2	25
78	Unique Very Low-Frequency Heart Rate Variability During Deep Sleep in Humans. IEEE Transactions on Biomedical Engineering, 2006, 53, 28-34.	4.2	24
79	Reference values of heart rate variability. Heart Rhythm, 2017, 14, 302-303.	0.7	24
80	Can Machine Learning Assist Locating the Excitation of Snore Sound? A Review. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1233-1246.	6.3	24
81	The lack of long-range negative correlations in glucose dynamics is associated with worse glucose control in patients with diabetes mellitus. Metabolism: Clinical and Experimental, 2012, 61, 1041-1050.	3.4	23
82	Machine Listening for Heart Status Monitoring: Introducing and Benchmarking HSSâ€™The Heart Sounds Shenzhen Corpus. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2082-2092.	6.3	23
83	Effect of prolonged head-down bed rest on complex cardiovascular dynamics. Autonomic Neuroscience: Basic and Clinical, 2001, 86, 192-201.	2.8	22
84	Development of a Personal Digital Assistant (PDA) System To Collect Symptom Information from Home Hospice Patients. Journal of Palliative Medicine, 2010, 13, 647-651.	1.1	22
85	Fractal correlation in human H-reflex. Experimental Brain Research, 1990, 105, 402-10.	1.5	21
86	Temporal decomposition of EEG during a simple reaction time task into stimulus- and response-locked components. NeuroImage, 2008, 39, 742-754.	4.2	21
87	Postural-induced phase shift of respiratory sinus arrhythmia and blood pressure variations: insight from respiratory-phase domain analysis. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1481-H1489.	3.2	21
88	Blunted cyclic variation of heart rate predicts mortality risk in post-myocardial infarction, end-stage renal disease, and chronic heart failure patients. Europace, 2017, 19, euw222.	1.7	21
89	Stochastic resonance in attention control. Europhysics Letters, 2006, 76, 1029-1035.	2.0	20
90	A compound belonging to traditional Chinese medicine improves nocturnal activity in Parkinsonâ€™s disease. Sleep Medicine, 2011, 12, 307-308.	1.6	19

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91	Age and gender differences in objective sleep properties using large-scale body acceleration data in a Japanese population. <i>Scientific Reports</i> , 2021, 11, 9970.	3.3	19
92	Computer Audition for Fighting the SARS-CoV-2 Corona Crisis—Introducing the Multitask Speech Corpus for COVID-19. <i>IEEE Internet of Things Journal</i> , 2021, 8, 16035-16046.	8.7	19
93	Exercise and Sleep Deprivation Do Not Change Cytokine Expression Levels in Patients with Chronic Fatigue Syndrome. <i>Vaccine Journal</i> , 2013, 20, 1736-1742.	3.1	18
94	Characterization and Modeling of Intermittent Locomotor Dynamics in Clock Gene-Deficient Mice. <i>PLoS ONE</i> , 2013, 8, e58884.	2.5	18
95	Deep attention-based neural networks for explainable heart sound classification. <i>Machine Learning With Applications</i> , 2022, 9, 100322.	4.4	18
96	Noise-induced compensation for postural hypotension in primary autonomic failure. <i>Brain Research</i> , 2002, 945, 71-78.	2.2	17
97	Autonomic dysfunction responses to head-up tilt in anorexia nervosa. <i>Clinical Autonomic Research</i> , 2014, 24, 175-181.	2.5	17
98	Panic disorder and locomotor activity. <i>BioPsychoSocial Medicine</i> , 2008, 2, 23.	2.1	16
99	Drinking Levels and Profiles of Alcohol Addicted Rats Predict Response to Nalmefene. <i>Frontiers in Pharmacology</i> , 2019, 10, 471.	3.5	16
100	Shen-Zhi-Ling Oral Liquid Improves Behavioral and Psychological Symptoms of Dementia in Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-6.	1.2	15
101	Increase in random component of heart rate variability coinciding with developmental and degenerative stages of life. <i>Physiological Measurement</i> , 2018, 39, 054004.	2.1	15
102	Power law temporal auto-correlations in day-long records of human physical activity and their alteration with disease. <i>Europhysics Letters</i> , 2004, 66, 448-454.	2.0	14
103	Development of an ecological momentary assessment scale for appetite. <i>BioPsychoSocial Medicine</i> , 2015, 9, 2.	2.1	14
104	Dynamical state transitions into addictive behaviour and their early-warning signals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170882.	2.6	14
105	Noisy galvanic vestibular stimulation has a greater ameliorating effect on posture in unstable subjects: a feasibility study. <i>Scientific Reports</i> , 2019, 9, 17189.	3.3	14
106	Influence of psychological factors on acute exacerbation of tension-type headache: Investigation by ecological momentary assessment. <i>Journal of Psychosomatic Research</i> , 2015, 79, 239-242.	2.6	13
107	The effects of exercise on dynamic sleep morphology in healthy controls and patients with chronic fatigue syndrome. <i>Physiological Reports</i> , 2013, 1, e00152.	1.7	12
108	Quantitative Evaluation of the Use of Actigraphy for Neurological and Psychiatric Disorders. <i>Behavioural Neurology</i> , 2014, 2014, 1-6.	2.1	12

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109	Wavelet ψ -Leader Non Gaussian Multiscale Expansions for Heart Rate Variability Analysis in Congestive Heart Failure Patients. IEEE Transactions on Biomedical Engineering, 2019, 66, 80-88.	4.2	12
110	Sleep stage transitions in chronic fatigue syndrome patients with or without fibromyalgia. , 2010, 2010, 5391-4.		11
111	Lateralised EEG power and phase dynamics related to motor response execution. Clinical Neurophysiology, 2010, 121, 1711-1718.	1.5	11
112	A generalized method to estimate waveforms common across trials from EEGs. NeuroImage, 2010, 51, 629-641.	4.2	11
113	Acoustic Hyper-Reactivity and Negatively Skewed Locomotor Activity in Children With Autism Spectrum Disorders: An Exploratory Study. Frontiers in Psychiatry, 2018, 9, 355.	2.6	11
114	Diurnal variation of tension-type headache intensity and exacerbation: An investigation using computerized ecological momentary assessment. BioPsychoSocial Medicine, 2012, 6, 18.	2.1	10
115	Markov modeling of sleep stage transitions and ultradian REM sleep rhythm. Physiological Measurement, 2018, 39, 084005.	2.1	10
116	Sodium balance, circadian BP rhythm, heart rate variability, and intrarenal renin-angiotensin-aldosterone and dopaminergic systems in acute phase of ARB therapy. Physiological Reports, 2017, 5, e13309.	1.7	10
117	Heart Rate Variability (HRV) and Sympathetic Nerve Activity. , 2017, , 147-161.		9
118	Secular change in running performance of Japanese adolescents: A longitudinal developmental study. , 1998, 10, 765-779.		8
119	Increased heteroscedasticity of heart rate in fatal heart failure. Europhysics Letters, 2008, 82, 28005.	2.0	8
120	Phase statistics approach to human ventricular fibrillation. Physical Review E, 2009, 80, 051917.	2.1	8
121	Sleep Stage Transitions in Healthy Humans Altered by Central Monoaminergic Antagonist. Methods of Information in Medicine, 2010, 49, 458-461.	1.2	8
122	A momentary biomarker for depressive mood. In Silico Pharmacology, 2016, 4, 4.	3.3	8
123	Pilot Study for the Development of a Self-Care System for Type 2 Diabetes Patients Using a Personal Digital Assistant (PDA). International Journal of Behavioral Medicine, 2016, 23, 295-299.	1.7	8
124	Learning Multimodal Representations for Drowsiness Detection. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11539-11548.	8.0	8
125	Automatic Detection of Major Depressive Disorder via a Bag-of-Behaviour-Words Approach. , 2019, , .		8
126	Teaching Machines to Know Your Depressive State: On Physical Activity in Health and Major Depressive Disorder. , 2019, 2019, 3592-3595.		7

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127	Recent Advances in Computer Audition for Diagnosing COVID-19: An Overview. , 2021, , .		7
128	Learning Higher Representations from Pre-Trained Deep Models with Data Augmentation for the COMPARE 2020 Challenge Mask Task. , 0, , .		7
129	Genetic variance in age-related changes in running performance and growth during adolescence: A longitudinal twin study. American Journal of Human Biology, 2001, 13, 71-80.	1.6	6
130	Rank among Peers during Game Competition Affects the Tendency to Make Risky Choices in Adolescent Males. Frontiers in Psychology, 2017, 08, 16.	2.1	6
131	Deep Wavelets for Heart Sound Classification. , 2019, , .		6
132	Can Appliances Understand the Behavior of Elderly Via Machine Learning? A Feasibility Study. IEEE Internet of Things Journal, 2021, 8, 8343-8355.	8.7	6
133	Behavioral stochastic resonance associated with large-scale synchronization of human brain activity. , 2004, 5467, 359.		5
134	Locomotor Microactivities Associated with Therapeutic Responses in Patients with Seasonal Affective Disorders. Integrative Medicine International, 2015, 1, 151-161.	0.6	5
135	Fast algorithm of long-range cross-correlation analysis using Savitzky-Golay detrending filter and its application to biosignal analysis. , 2017, , .		5
136	Detection of Chaos and Fractals from Experimental Time Series. , 1999, , 669-687.		5
137	Noise-induced sensitization of human brain. Physica A: Statistical Mechanics and Its Applications, 2002, 314, 53-60.	2.6	4
138	Temporal evolution for the phase histogram of ECG during human ventricular fibrillation. AIP Conference Proceedings, 2007, , .	0.4	4
139	Lack of Negative Correlation in Glucose Dynamics by Nonexercise Activity Thermogenesis Restriction in Healthy Adults. Medicine and Science in Sports and Exercise, 2013, 45, 60-66.	0.4	4
140	Co-variation of depressive mood and spontaneous physical activity evaluated by ecological momentary assessment in major depressive disorder. , 2014, 2014, 6635-8.		4
141	Psychobehavioral validity of self-reported symptoms based on spontaneous physical activity. , 2015, 2015, 4021-4.		4
142	Negatively Skewed Locomotor Activity Is Related to Autistic Traits and Behavioral Problems in Typically Developing Children and Those With Autism Spectrum Disorders. Frontiers in Human Neuroscience, 2018, 12, 518.	2.0	4
143	Application of Empirical Mode Decomposition to Mother and Infant Physical Activity. Methods of Information in Medicine, 2018, 57, 152-157.	1.2	4
144	Scattering Transform of Heart Rate Variability for the Prediction of Ischemic Stroke in Patients with Atrial Fibrillation. Methods of Information in Medicine, 2018, 57, 141-145.	1.2	4

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145	Behavioral Power-law Exponents in the Usage of Electric Appliances Correlate Mood States in the Elderly. <i>International Journal of Sport and Health Science</i> , 2003, 1, 41-47.	0.2	4
146	Group Activity Recognition to Support Collaboration in Creative Digital Space. , 2019, , .		4
147	Functional stochastic resonance in human baroreflex induced by 1/f-type noisy galvanic vestibular stimulation. , 2003, , .		3
148	Noise-driven switching between limit cycles and adaptability in a small-dimensional excitable network with balanced coupling. <i>Physical Review E</i> , 2006, 73, 031914.	2.1	3
149	Extracting a stimulus-unlocked component from EEG during NoGo trials of a Go/NoGo task. <i>NeuroImage</i> , 2008, 41, 777-788.	4.2	3
150	Validity of salt intake assessment system based on a 24-h dietary recall method using a touch panel computer. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 471-477.	1.3	3
151	L/T-type calcium channel blocker reduces non-Gaussianity of heart rate variability in chronic kidney disease patients under preceding treatment with ARB. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031664390.	1.7	3
152	Assessing cardiac autonomic function via heart rate variability analysis requires monitoring respiration: reply. <i>Europace</i> , 2016, 18, 1280.2-1281.	1.7	3
153	Heart Rate Variability and Cardiac Diseases. , 2017, , 163-178.		3
154	A Robust Method with High Time Resolution for Estimating the Cortico-Thalamo-Cortical Loop Strength and the Delay when Using a Scalp Electroencephalography Applied to the Wake-Sleep Transition. <i>Methods of Information in Medicine</i> , 2018, 57, 122-128.	1.2	3
155	Seasonal Sleep Variations and Their Association With Meteorological Factors: A Japanese Population Study Using Large-Scale Body Acceleration Data. <i>Frontiers in Digital Health</i> , 2021, 3, 677043.	2.8	3
156	Transferring Cross-Corpus Knowledge: An Investigation on Data Augmentation for Heart Sound Classification. , 2021, 2021, 1976-1979.		3
157	Similar age-related changes in running performance and growth in adolescent monozygotic twins. <i>American Journal of Human Biology</i> , 2000, 12, 623-632.	1.6	2
158	Probing temporal correlation in ventricular interbeat intervals during atrial fibrillation with local continuous DFA. , 2004, , .		2
159	Changes in the Hurst Exponent of Heart Rate Variability during Physical Activity. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
160	Biosignal Interpretation I. <i>Methods of Information in Medicine</i> , 2014, 53, 284-285.	1.2	2
161	Long-range correlations in amplitude variability of HF and LF components of heart rate variability. , 2016, 2016, 6218-6221.		2
162	Preceding psychological factors and calorie intake in patients with type 2 diabetes: investigation by ecological momentary assessment. <i>BioPsychoSocial Medicine</i> , 2019, 13, 20.	2.1	2

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163	Association of Locomotor Activity During Sleep Deprivation Treatment With Response. <i>Frontiers in Psychiatry</i> , 2020, 11, 688.	2.6	2
164	Amelioration of symptoms in neurological disorders by noisy vestibular stimulation. <i>Equilibrium Research</i> , 2008, 67, 58-64.	0.1	2
165	Multifractal heart rate dynamics in human cardiovascular model. , 2003, , .		1
166	Behavioral stochastic resonance in the human brain. , 2003, 5110, 252.		1
167	Functional Roles of Noise and Fluctuations in the Human Brain. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	1
168	Dual Antagonistic Autonomic Control Necessary for 1/f Scaling in Heart Rate. , 2005, , 141-151.		1
169	Dynamics of Sleep Stage Transitions in Health and Disease. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
170	Multiscale Fluctuation Analysis Revisited. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
171	Biosignal Interpretation II. <i>Methods of Information in Medicine</i> , 2015, 54, 203-204.	1.2	1
172	Spectral analysis method for sleep-state cycle based on the cortico-thalamo-cortical loop strength estimation. , 2017, , .		1
173	The angiotensin II type 1 receptor blocker azilsartan can overwhelm the sympathetic nerve activation stimulated by coadministration of calcium channel blockers. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2019, 20, 147032031983952.	1.7	1
174	Can Affective Computing Better the Mental Status of the Electronic Games Player? A Perspective. , 2020, , .		1
175	COMPARISON OF EQUILIBRIUM AND EXTRAPOLATION METHODS OF CO ₂ REBREATHING FOR DETERMINING THE MIXED VENOUS CO ₂ PRESSURE. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 1988, 37, 117-122.	0.0	1
176	Statistical physics of human heart rate in health and disease. <i>Understanding Complex Systems</i> , 2009, , 139-154.	0.6	1
177	Sensing the Sounds of Silence: A Pilot Study on the Detection of Model Mice of Autism Spectrum Disorder from Ultrasonic Vocalisations. , 2021, 2021, 68-71.		1
178	Heart Sound Classification based on Fractional Fourier Transformation Entropy. , 2022, , .		1
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