

Urban Wiklund

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,731
citations

147801

31
h-index

138484

58
g-index

105
all docs

105
docs citations

105
times ranked

4005
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D, liver-related biomarkers, and distribution of fat and lean mass in young patients with Fontan circulation. <i>Cardiology in the Young</i> , 2022, 32, 861-868.	0.8	2
2	ICD harm and benefit: risk scores applied to the Swedish ICD-treated LQTS population. <i>Scandinavian Cardiovascular Journal</i> , 2022, 56, 48-55.	1.2	0
3	Density Encoding Enables Resource-Efficient Randomly Connected Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3777-3783.	11.3	19
4	Refeeding syndrome: multimodal monitoring and clinical manifestation of an internal severe neurotrauma. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 569-576.	1.6	1
5	Heart Rate Variability for Classification of Alert Versus Sleep Deprived Drivers in Real Road Driving Conditions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 3316-3325.	8.0	39
6	Altered hormonal and autonomic nerve responses to hypo- and hyperglycaemia are found in overweight and insulin-resistant individuals and may contribute to the development of type 2 diabetes. <i>Diabetologia</i> , 2021, 64, 641-655.	6.3	16
7	Effects of Gastric Bypass Surgery on the Brain: Simultaneous Assessment of Glucose Uptake, Blood Flow, Neural Activity, and Cognitive Function During Normo- and Hypoglycemia. <i>Diabetes</i> , 2021, 70, 1265-1277.	0.6	18
8	Changes in Heart Rate and Heart Rate Variability During Surgical Stages to Completed Fontan Circulation. <i>Pediatric Cardiology</i> , 2021, 42, 1162-1169.	1.3	0
9	Time Course of Metabolic, Neuroendocrine, and Adipose Effects During 2 Years of Follow-up After Gastric Bypass in Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4049-e4061.	3.6	8
10	Aberrant autonomic pattern during the post-exercise recovery phase in long QT syndrome patients. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 236, 102897.	2.8	2
11	How stable is lung function in patients with stable chronic obstructive pulmonary disease when monitored using a telehealth system? A longitudinal and home-based study. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 87.	3.0	3
12	Sleep apnea in men is associated with altered lipid metabolism, glucose tolerance, insulin sensitivity, and body fat percentage. <i>Endocrine</i> , 2020, 70, 48-57.	2.3	12
13	A Comprehensive Study of Complexity and Performance of Automatic Detection of Atrial Fibrillation: Classification of Long ECG Recordings Based on the PhysioNet Computing in Cardiology Challenge 2017. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 025010.	1.2	7
14	Rapid changes in neuroendocrine regulation may contribute to reversal of type 2 diabetes after gastric bypass surgery. <i>Endocrine</i> , 2020, 67, 344-353.	2.3	20
15	Pacemaker treatment after Fontan surgery—A Swedish national study. <i>Congenital Heart Disease</i> , 2019, 14, 582-589.	0.2	8
16	A Hyperdimensional Computing Framework for Analysis of Cardiorespiratory Synchronization During Paced Deep Breathing. <i>IEEE Access</i> , 2019, 7, 34403-34415.	4.2	5
17	Fluid restriction negatively affects energy intake and growth in very low birthweight infants with haemodynamically significant patent ductus arteriosus. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1985-1992.	1.5	18
18	Sinus node dysfunction in patients with Fontan circulation: could heart rate variability be a predictor for pacemaker implantation?. <i>Pediatric Cardiology</i> , 2019, 40, 685-693.	1.3	9

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19	Integer Self-Organizing Maps for Digital Hardware. , 2019, , .		18
20	Heart Rate Variability for Driver Sleepiness Classification in Real Road Driving Conditions. , 2019, 2019, 6537-6540.		6
21	Trajectory clustering of road traffic in urban environments using incremental machine learning in combination with hyperdimensional computing. , 2019, , .		20
22	Effects of GLP-1 on counter-regulatory responses during hypoglycemia after GBP surgery. European Journal of Endocrinology, 2019, 181, 161-171.	3.7	12
23	Robust Methods for Automated Selection of Cardiac Signals After Blind Source Separation. IEEE Transactions on Biomedical Engineering, 2018, 65, 2248-2258.	4.2	6
24	Normal scores of deep breathing tests: beware of dysrhythmia in transthyretin amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2018, 25, 54-61.	3.0	9
25	Cytokine Disturbances in Coronary Artery Ectasia Do Not Support Atherosclerosis Pathogenesis. International Journal of Molecular Sciences, 2018, 19, 260.	4.1	14
26	Longitudinal, home-based study of lung function, saturation and disease-related symptoms in COPD. , 2018, , .		1
27	Diabetes and male sex are key risk factor correlates of the extent of coronary artery calcification: A Euro-CCAD study. Journal of Diabetes and Its Complications, 2017, 31, 1096-1102.	2.3	8
28	Alterations in heart rate variability during everyday life are linked to insulin resistance. A role of dominating sympathetic over parasympathetic nerve activity?. Cardiovascular Diabetology, 2016, 15, 91.	6.8	25
29	Vehicle classification using road side sensors and feature-free data smashing approach. , 2016, , .		7
30	Gender and age effects on risk factor-based prediction of coronary artery calcium in symptomatic patients: A Euro-CCAD study. Atherosclerosis, 2016, 252, 32-39.	0.8	27
31	Gastric Bypass Reduces Symptoms and Hormonal Responses in Hypoglycemia. Diabetes, 2016, 65, 2667-2675.	0.6	61
32	The coronary calcium score is a more accurate predictor of significant coronary stenosis than conventional risk factors in symptomatic patients: Euro-CCAD study. International Journal of Cardiology, 2016, 207, 13-19.	1.7	43
33	Can echocardiography and ECG discriminate hereditary transthyretin V30M amyloidosis from hypertrophic cardiomyopathy?. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2015, 22, 163-170.	3.0	11
34	High dose and long-term statin therapy accelerate coronary artery calcification. International Journal of Cardiology, 2015, 184, 581-586.	1.7	141
35	Successful novice's training in obtaining accurate assessment of carotid IMT using an automated ultrasound system. European Heart Journal Cardiovascular Imaging, 2014, 15, 637-642.	1.2	13
36	Directed coherence analysis in patients with severe autonomic dysfunction. , 2014, , .		0

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37	Handheld ECG in analysis of arrhythmia and heart rate variability in children with Fontan circulation. <i>Journal of Electrocardiology</i> , 2014, 47, 374-382.	0.9	6
38	Restorative effects of visits to urban and forest environments in patients with exhaustion disorder. <i>Urban Forestry and Urban Greening</i> , 2014, 13, 344-354.	5.3	88
39	Autonomic nerve system responses for normal and slow rewarmers after hand cold provocation: effects of long-term cold climate training. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 357-365.	2.3	12
40	The natural history of coronary calcification: A meta-analysis from St Francis and EBEAT trials. <i>International Journal of Cardiology</i> , 2013, 168, 3944-3948.	1.7	9
41	Design of a garment-based sensing system for breathing monitoring. <i>Textile Research Journal</i> , 2013, 83, 499-509.	2.2	44
42	Fully automated onâ€screen carotid intimaâ€media thickness measurement: A screening tool for subclinical atherosclerosis. <i>Journal of Clinical Ultrasound</i> , 2013, 41, 333-339.	0.8	29
43	Touch massage: a pilot study of a complex intervention. <i>Nursing in Critical Care</i> , 2013, 18, 269-277.	2.3	25
44	New insights into the clinical evaluation of hereditary transthyretin amyloidosis patients: a single center's experience. <i>Degenerative Neurological and Neuromuscular Disease</i> , 2012, 2, 93.	1.3	1
45	Gastric emptying in hereditary transthyretin amyloidosis: the impact of autonomic neuropathy. <i>Neurogastroenterology and Motility</i> , 2012, 24, 1111.	3.0	25
46	Arrhythmia â€a pitfall in tests of cardiac autonomic function after liver transplantation for familial amyloidotic polyneuropathy: a long-term follow-up of Swedish patients. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2012, 19, 81-86.	3.0	9
47	Left ventricular dyssynchrony is associated with reduced heart rate variability in familial amyloidotic polyneuropathy. <i>International Journal of Cardiology</i> , 2012, 155, 273-278.	1.7	8
48	Automatic filtering of outliers in RR intervals before analysis of heart rate variability in Holter recordings: a comparison with carefully edited data. <i>BioMedical Engineering OnLine</i> , 2012, 11, 2.	2.7	41
49	Sound and vibration: effects on infantsâ€™ heart rate and heart rate variability during neonatal transport. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, 148-154.	1.5	43
50	Heart Rate Variability in Children With Fontan Circulation: Lateral Tunnel and Extracardiac Conduit. <i>Pediatric Cardiology</i> , 2012, 33, 307-315.	1.3	19
51	Comparison of quantitative sensory testing and heart rate variability in Swedish Val30Met ATTR. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2011, 18, 183-190.	3.0	5
52	Blood pressure overshoot after tilt reversal in patients with familial amyloidotic polyneuropathy. <i>Hypertension Research</i> , 2011, 34, 133-138.	2.7	6
53	Dysregulation of subcutaneous adipose tissue blood flow in overweight postmenopausal women. <i>Menopause</i> , 2010, 17, 365-371.	2.0	17
54	Cardiac autonomic function does not improve after liver transplantation for familial amyloidotic polyneuropathy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 156, 124-130.	2.8	15

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55	Physiological responses to touch massage in healthy volunteers. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 158, 105-110.	2.8	73
56	Heart complications in familial transthyretin amyloidosis: impact of age and gender. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2010, 17, 63-68.	3.0	72
57	Nondipolar Content of T Wave Derived from a Myocardial Source Simulation with Increased Repolarization Inhomogeneity. <i>Annals of Noninvasive Electrocardiology</i> , 2009, 14, 185-192.	1.1	4
58	Influence of energy drinks and alcohol on post-exercise heart rate recovery and heart rate variability. <i>Clinical Physiology and Functional Imaging</i> , 2009, 29, 74-80.	1.2	45
59	Can Analysis of Heart Rate Variability Predict Arrhythmia in Children with Fontan Circulation?. <i>Pediatric Cardiology</i> , 2008, 29, 50-55.	1.3	13
60	Abnormal Heart Rate Variability and Subtle Atrial Arrhythmia in Patients with Familial Amyloidotic Polyneuropathy. <i>Annals of Noninvasive Electrocardiology</i> , 2008, 13, 249-256.	1.1	33
61	Outcome of heart rate variability and ventricular late potentials after liver transplantation for familial amyloidotic polyneuropathy. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2008, 15, 187-195.	3.0	15
62	Increased Risk of Stroke in Patients With Coronary Artery Disease and Sleep Apnea. <i>Circulation</i> , 2008, 118, 955-960.	1.6	232
63	Wavelet Coherence Detects Non-autonomic Heart Rate Fluctuations in Familial Amyloidotic Polyneuropathy. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4660-2.	0.5	4
64	Changes in heart rate variability among RF plastic sealer operators. <i>Bioelectromagnetics</i> , 2007, 28, 76-79.	1.6	10
65	Can heart rate variability become a screening tool for anesthesia-related hypotension?. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 1289-1291.	1.6	10
66	Acute effects on heart rate variability when exposed to hand transmitted vibration and noise. <i>International Archives of Occupational and Environmental Health</i> , 2007, 81, 193-199.	2.3	42
67	Adaptive method for assessment of cerebrospinal fluid outflow conductance. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 337-343.	2.8	6
68	Adaptive spatio-temporal filtering of disturbed ECGs: a multi-channel approach to heartbeat detection in smart clothing. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 515-523.	2.8	25
69	Ventricular late potentials in familial amyloidotic polyneuropathy. <i>Journal of Electrocardiology</i> , 2006, 39, 57-62.	0.9	12
70	Serial assessment of variability in heart rate in children with the Fontan circulation. <i>Cardiology in the Young</i> , 2005, 15, 498-503.	0.8	4
71	Heart rate variability during sedentary work and sleep in normal and sleep-deprived states. <i>Clinical Physiology and Functional Imaging</i> , 2005, 25, 51-57.	1.2	30
72	Parasympathetic dysfunction in hypertrophic cardiomyopathy assessed by heart rate variability: comparison between short-term and 24-h measurements. <i>Clinical Physiology and Functional Imaging</i> , 2005, 25, 90-99.	1.2	21

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73	Dysregulation of the Autonomic Nervous System Can Be a Link between Visceral Adiposity and Insulin Resistance. <i>Obesity</i> , 2005, 13, 717-728.	4.0	86
74	Electromagnetic field exposure and health among RF plastic sealer operators. <i>Bioelectromagnetics</i> , 2004, 25, 5-15.	1.6	18
75	Liver Transplantation Does Not Prevent the Development of Life-Threatening Arrhythmia in Familial Amyloidotic Polyneuropathy, Portuguese-Type (ATTR Val30Met) Patients. <i>Transplantation</i> , 2004, 78, 112-116.	1.0	76
76	Classification of neck movement patterns related to whiplash-associated disorders using neural networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2003, 7, 412-418.	3.2	24
77	Chronic whiplash associated disorders and neck movement measurements: an instantaneous helical axis approach. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2003, 7, 274-282.	3.2	40
78	Does the autonomic nervous system play a role in the development of insulin resistance? A study on heart rate variability in first-degree relatives of Type 2 diabetes patients and control subjects. <i>Diabetic Medicine</i> , 2003, 20, 399-405.	2.3	90
79	EMLA® cream and oral glucose for immunization pain in 3-month-old infants. <i>Pain</i> , 2003, 104, 381-388.	4.2	44
80	Holter ECG monitoring in patients with perceived electrical hypersensitivity. <i>International Journal of Psychophysiology</i> , 2003, 49, 227-235.	1.0	32
81	Wavelet decomposition of cardiovascular signals for baroreceptor function tests in pigs. <i>IEEE Transactions on Biomedical Engineering</i> , 2002, 49, 651-661.	4.2	28
82	Sleep-disordered Breathing and Coronary Artery Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 1910-1913.	5.6	364
83	Short-term overtraining: effects on performance, circulatory responses, and heart rate variability. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1480-1484.	0.4	121
84	Cardiac autonomic imbalance in an overtrained athlete. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1531-1533.	0.4	85
85	Pre- and post-season heart rate variability in adolescent cross-country skiers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2000, 10, 298-303.	2.9	44
86	Endoscopic Transthoracic Sympathicotomy Affects the Autonomic Modulation of Heart Rate in Patients with Palmar Hyperhidrosis. <i>Acta Neurochirurgica</i> , 2000, 142, 691-696.	1.7	23
87	Sleep-Disordered Breathing and Myocardial Ischemia in Patients With Coronary Artery Disease. <i>Chest</i> , 2000, 117, 1597-1602.	0.8	144
88	Assessment of the effect of EMLA® during venipuncture in the newborn by analysis of heart rate variability. <i>Pain</i> , 2000, 86, 247-254.	4.2	53
89	Cardiac Rhythm in Patients with Sleep-disordered Breathing and Coronary Artery Disease. <i>Scandinavian Cardiovascular Journal</i> , 2000, 34, 272-276.	1.2	13
90	Heel lancing in term new-born infants: an evaluation of pain by frequency domain analysis of heart rate variability. <i>Pain</i> , 1999, 80, 143-148.	4.2	75

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91	Spectral Analysis of Heart Rate Variability in Patients with Irritable Bowel Syndrome. Scandinavian Journal of Gastroenterology, 1998, 33, 572-576.	1.5	69
92	Assessment of acute pain in preterm infants by evaluation of facial expression and frequency domain analysis of heart rate variability. Early Human Development, 1997, 48, 131-142.	1.8	72
93	Impact of liver transplantation on autonomic neuropathy in familial amyloidotic polyneuropathy: an evaluation by spectral analysis of heart rate variability. Journal of Internal Medicine, 1997, 242, 225-229.	6.0	26
94	IMPACT OF AUTONOMIC NEUROPATHY ON CIRCULATORY INSTABILITY DURING LIVER TRANSPLANTATION FOR FAMILIAL AMYLOIDOTIC POLYNEUROPATHY1. Transplantation, 1997, 63, 675-679.	1.0	40
95	Sleep-disordered breathing in women: occurrence and association with coronary artery disease. American Journal of Medicine, 1996, 101, 251-256.	1.5	146
96	Sleep-Disordered Breathing in Men With Coronary Artery Disease. Chest, 1996, 109, 659-663.	0.8	280
97	Assessment of autonomic nerve function in acute intermittent porphyria; a study based on spectral analysis of heart rate variability. Journal of Internal Medicine, 1996, 240, 73-79.	6.0	23
98	Assessment of autonomic nerve function in familial amyloidotic polyneuropathy: a clinical study based on spectral analysis of heart rate variability. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 1994, 1, 240-246.	3.0	16
99	Computer-assisted evaluation of dipyridamole thallium-201 SPECT in patients with aortic stenosis. Journal of Nuclear Medicine, 1994, 35, 983-8.	5.0	10
100	Heart rate variation: what are we measuring?. Clinical Physiology, 1993, 13, 71-79.	0.7	13
101	Detection of Atrial Fibrillation From Short ECGs: Minimalistic Complexity Analysis for Feature-Based Classifiers. , 0, , .		2
102	Sparse Coding of Cardiac Signals for Automated Component Selection after Blind Source Separation. , 0, , .		0
103	Vector-Based Analysis of the Similarity Between Breathing and Heart Rate During Paced Deep Breathing. , 0, , .		1