

Mikko P Tulppo

List of Publications by Year in descending order

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53
papers

1,843
citations

516215

16
h-index

276539

41
g-index

53
all docs

53
docs citations

53
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	Time domain, geometrical and frequency domain analysis of cardiac vagal outflow: effects of various respiratory patterns. <i>Clinical Physiology</i> , 2001, 21, 365-376.	0.7	425
2	Vagal modulation of heart rate during exercise: effects of age and physical fitness. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H424-H429.	1.5	218
3	Effects of aerobic training on heart rate dynamics in sedentary subjects. <i>Journal of Applied Physiology</i> , 2003, 95, 364-372.	1.2	185
4	Changes in cardiac autonomic regulation after prolonged maximal exercise. <i>Clinical Physiology</i> , 2001, 21, 238-245.	0.7	157
5	Effects of pharmacological adrenergic and vagal modulation on fractal heart rate dynamics. <i>Clinical Physiology</i> , 2001, 21, 515-523.	0.7	109
6	Sudden cardiac death after myocardial infarction in patients with type 2 diabetes. <i>Heart Rhythm</i> , 2010, 7, 1396-1403.	0.3	83
7	Heart rate dynamics during accentuated sympathovagal interaction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H810-H816.	1.5	65
8	The OBF Database: A Large Face Video Database for Remote Physiological Signal Measurement and Atrial Fibrillation Detection. , 2018, , .		48
9	Effects of Physical Activity and Exercise Training on Cardiovascular Risk in Coronary Artery Disease Patients With and Without Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 706-715.	4.3	44
10	Effect of Changes in Physical Activity on Risk for Cardiac Death in Patients With Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2018, 121, 143-148.	0.7	42
11	Cardiac Repolarization and Autonomic Regulation during Short-Term Cold Exposure in Hypertensive Men: An Experimental Study. <i>PLoS ONE</i> , 2014, 9, e99973.	1.1	36
12	Type 2 diabetes and coronary artery disease: Preserved ejection fraction and sudden cardiac death. <i>Heart Rhythm</i> , 2018, 15, 1450-1456.	0.3	35
13	Prediabetes and Risk for Cardiac Death Among Patients With Coronary Artery Disease: The ARTEMIS Study. <i>Diabetes Care</i> , 2019, 42, 1319-1325.	4.3	31
14	Prognostic Significance of Impaired Baroreflex Sensitivity Assessed from Phase IV of the Valsalva Maneuver in a Population-Based Sample of Middle-Aged Subjects. <i>American Journal of Cardiology</i> , 2014, 114, 571-576.	0.7	27
15	Effects of exercise prescription on daily physical activity and maximal exercise capacity in coronary artery disease patients with and without type 2 diabetes. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 445-454.	0.5	26
16	Acute post-exercise change in blood pressure and exercise training response in patients with coronary artery disease. <i>Frontiers in Physiology</i> , 2014, 5, 526.	1.3	19
17	Usefulness of Highly Sensitive Troponin as a Predictor of Short-Term Outcome in Patients With Diabetes Mellitus and Stable Coronary Artery Disease (from the ARTEMIS Study). <i>American Journal of Cardiology</i> , 2016, 117, 515-521.	0.7	19
18	ECG-derived respiration methods: Adapted ICA and PCA. <i>Medical Engineering and Physics</i> , 2015, 37, 512-517.	0.8	17

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19	Biomarkers as predictors of sudden cardiac death in coronary artery disease patients with preserved left ventricular function (ARTEMIS study). PLoS ONE, 2018, 13, e0203363.	1.1	17
20	Effects of Exercise Rehabilitation on Cardiac Electrical Instability Assessed by T-Wave Alternans During Ambulatory Electrocardiogram Monitoring in Coronary Artery Disease Patients Without and With Diabetes Mellitus. American Journal of Cardiology, 2014, 114, 832-837.	0.7	16
21	Exercise Capacity and Heart Rate Responses to Exercise as Predictors of Short-Term Outcome Among Patients With Stable Coronary Artery Disease. American Journal of Cardiology, 2015, 116, 1495-1501.	0.7	15
22	Cardiac Autonomic Function in Adults Born Preterm. Journal of Pediatrics, 2019, 208, 96-103.e4.	0.9	15
23	Relationship between heart rate variability and the serum testosterone to cortisol ratio during military service. European Journal of Sport Science, 2009, 9, 277-284.	1.4	13
24	Hypertension Does Not Alter the Increase in Cardiac Baroreflex Sensitivity Caused by Moderate Cold Exposure. Frontiers in Physiology, 2016, 7, 204.	1.3	11
25	Impaired cardiac autonomic regulation and long-term risk of atrial fibrillation in patients with coronary artery disease. Heart Rhythm, 2018, 15, 334-340.	0.3	10
26	Effects of a Two-Year Home-Based Exercise Training Program on Oxidized LDL and HDL Lipids in Coronary Artery Disease Patients with and without Type-2 Diabetes. Antioxidants, 2018, 7, 144.	2.2	10
27	Depressive Symptoms and Risk for Sudden Cardiac Death in Stable Coronary Artery Disease. American Journal of Cardiology, 2018, 122, 749-755.	0.7	10
28	Prognostic value of heart rate variability in patients with coronary artery disease in the current treatment era. PLoS ONE, 2021, 16, e0254107.	1.1	10
29	Association between Birth Characteristics and Cardiovascular Autonomic Function at Mid-Life. PLoS ONE, 2016, 11, e0161604.	1.1	9
30	Cardiac autonomic function reveals adaptation to military training. European Journal of Sport Science, 2011, 11, 231-240.	1.4	8
31	Recovery of rate-pressure product and cardiac mortality in coronary artery disease patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2019, 150, 150-157.	1.1	8
32	Abdominal aorta plaques are better in predicting future cardiovascular events compared to carotid intima-media thickness: A 20-year prospective study. Atherosclerosis, 2021, 330, 36-42.	0.4	8
33	Step detection and energy expenditure at different speeds by three accelerometers in a controlled environment. Scientific Reports, 2021, 11, 20005.	1.6	8
34	Impact and management of physiological calibration in spectral analysis of blood pressure variability. Frontiers in Physiology, 2014, 5, 473.	1.3	7
35	High Home Blood Pressure Variability Associates With Exaggerated Blood Pressure Response to Cold Stress. American Journal of Hypertension, 2019, 32, 538-546.	1.0	7
36	Home Monitoring of Heart Rate as a Predictor of Imminent Cardiovascular Events. Frontiers in Physiology, 2019, 10, 341.	1.3	7

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37	Physical Activity and the Risk for Sudden Cardiac Death in Patients With Coronary Artery Disease. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007908.	2.1	7
38	Postexercise Heart Rate Recovery in Adults Born Preterm. Journal of Pediatrics, 2019, 214, 89-95.e3.	0.9	6
39	Effect of polycystic ovary syndrome on cardiac autonomic function at a late fertile age: a prospective Northern Finland Birth Cohort 1966 study. BMJ Open, 2019, 9, e033780.	0.8	6
40	Increased Beat-to-Beat Variability of T-Wave Heterogeneity Measured From Standard 12-Lead Electrocardiogram Is Associated With Sudden Cardiac Death: A Caseâ€“Control Study. Frontiers in Physiology, 2020, 11, 1045.	1.3	6
41	Musculoskeletal pains and cardiovascular autonomic function in the general Northern Finnish population. BMC Musculoskeletal Disorders, 2019, 20, 45.	0.8	5
42	Life style habits, biochemical factors and their interaction in the prediction of incident hypertension during 21-year follow-up. Blood Pressure, 2019, 28, 40-48.	0.7	5
43	Resistin is a risk factor for all-cause mortality in elderly Finnish population: A prospective study in the OPERA cohort. PLoS ONE, 2021, 16, e0248015.	1.1	5
44	Exercise capacity is associated with endothelin-1 release during emotional excitement in coronary artery disease patients. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H391-H396.	1.5	4
45	Prognostic significance of Pâ€“wave morphology in patients with coronary artery disease. Journal of Cardiovascular Electrophysiology, 2019, 30, 2051-2060.	0.8	4
46	Early Growth Patterns and Cardiac Structure and Function at Midlife: Northern Finland 1966 Birth Cohort Study. Journal of Pediatrics, 2020, 221, 151-158.e1.	0.9	4
47	Gender differences in prevalence and prognostic value of fragmented QRS complex. Journal of Electrocardiology, 2020, 61, 1-9.	0.4	4
48	Temporal variability of Tâ€“wave morphology and risk of sudden cardiac death in patients with coronary artery disease. Annals of Noninvasive Electrocardiology, 2021, 26, e12830.	0.5	4
49	Childhood growth patterns and cardiovascular autonomic modulation in midlife: Northern Finland 1966 Birth Cohort Study. International Journal of Obesity, 2019, 43, 2264-2272.	1.6	3
50	Are 15-Year Trajectories of Low Back Pain and Sciatica Associated With Cardiovascular Autonomic Function in the General Population?. Spine, 2019, 44, E1325-E1335.	1.0	3
51	Associations of fitness and physical activity with orthostatic responses of heart rate and blood pressure at midlife. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 874-885.	1.3	1
52	PCSK9 Levels and Metabolic Profiles in Elderly Subjects with Different Glucose Tolerance under Statin Therapy. Journal of Clinical Medicine, 2021, 10, 994.	1.0	1
53	Response to Comment on Kiviniemi et al. Prediabetes and Risk for Cardiac Death Among Patients With Coronary Artery Disease: The ARTEMIS Study. Diabetes Care 2019;42:1319â€“1325. Diabetes Care, 2019, 42, e195-e195.	4.3	0