

Mikko P Tulppo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,336
citations

15
h-index

36
g-index

53
ext. papers

1,569
ext. citations

4.5
avg, IF

3.78
L-index

#	Paper	IF	Citations
52	Time domain, geometrical and frequency domain analysis of cardiac vagal outflow: effects of various respiratory patterns. <i>Clinical Physiology</i> , 2001 , 21, 365-76		317
51	Effects of aerobic training on heart rate dynamics in sedentary subjects. <i>Journal of Applied Physiology</i> , 2003 , 95, 364-72	3.7	159
50	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, H424-9	5.2	140
49	Changes in cardiac autonomic regulation after prolonged maximal exercise. <i>Clinical Physiology</i> , 2001 , 21, 238-45		119
48	Effects of pharmacological adrenergic and vagal modulation on fractal heart rate dynamics. <i>Clinical Physiology</i> , 2001 , 21, 515-23		93
47	Sudden cardiac death after myocardial infarction in patients with type 2 diabetes. <i>Heart Rhythm</i> , 2010 , 7, 1396-403	6.7	66
46	Heart rate dynamics during accentuated sympathovagal interaction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998 , 274, H810-6	5.2	56
45	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, 706-15	14.6	35
44	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	3	27
43	Cardiac repolarization and autonomic regulation during short-term cold exposure in hypertensive men: an experimental study. <i>PLoS ONE</i> , 2014 , 9, e99973	3.7	25
42	Prediabetes and Risk for Cardiac Death Among Patients With Coronary Artery Disease: The ARTEMIS Study. <i>Diabetes Care</i> , 2019 , 42, 1319-1325	14.6	22
41	The OBF Database: A Large Face Video Database for Remote Physiological Signal Measurement and Atrial Fibrillation Detection 2018 ,		22
40	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, 445-54	2.4	21
39	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, 571-6	3	19
38	Type 2 diabetes and coronary artery disease: Preserved ejection fraction and sudden cardiac death. <i>Heart Rhythm</i> , 2018 , 15, 1450-1456	6.7	19
37	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	4.6	15
36	Exercise capacity and heart rate responses to exercise as predictors of short-term outcome among patients with stable coronary artery disease. <i>American Journal of Cardiology</i> , 2015 , 116, 1495-501	3	14

35	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	3	13
34	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. <i>American Journal of Cardiology</i> , 2014 , 114, 832-7	3	13
33	ECG-derived respiration methods: adapted ICA and PCA. <i>Medical Engineering and Physics</i> , 2015 , 37, 512-724	3.4	12
32	Biomarkers as predictors of sudden cardiac death in coronary artery disease patients with preserved left ventricular function (ARTEMIS study). <i>PLoS ONE</i> , 2018 , 13, e0203363	3.7	12
31	Relationship between heart rate variability and the serum testosterone-to-cortisol ratio during military service. <i>European Journal of Sport Science</i> , 2009 , 9, 277-284	3.9	10
30	Cardiac Autonomic Function in Adults Born Preterm. <i>Journal of Pediatrics</i> , 2019 , 208, 96-103.e4	3.6	8
29	Impaired cardiac autonomic regulation and long-term risk of atrial fibrillation in patients with coronary artery disease. <i>Heart Rhythm</i> , 2018 , 15, 334-340	6.7	8
28	Association between Birth Characteristics and Cardiovascular Autonomic Function at Mid-Life. <i>PLoS ONE</i> , 2016 , 11, e0161604	3.7	8
27	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. <i>Antioxidants</i> , 2018 , 7,	7.1	8
26	Hypertension Does Not Alter the Increase in Cardiac Baroreflex Sensitivity Caused by Moderate Cold Exposure. <i>Frontiers in Physiology</i> , 2016 , 7, 204	4.6	7
25	Cardiac autonomic function reveals adaptation to military training. <i>European Journal of Sport Science</i> , 2011 , 11, 231-240	3.9	6
24	Postexercise Heart Rate Recovery in Adults Born Preterm. <i>Journal of Pediatrics</i> , 2019 , 214, 89-95.e3	3.6	5
23	Depressive Symptoms and Risk for Sudden Cardiac Death in Stable Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2018 , 122, 749-755	3	5
22	Impact and management of physiological calibration in spectral analysis of blood pressure variability. <i>Frontiers in Physiology</i> , 2014 , 5, 473	4.6	5
21	Home Monitoring of Heart Rate as a Predictor of Imminent Cardiovascular Events. <i>Frontiers in Physiology</i> , 2019 , 10, 341	4.6	4
20	Exercise capacity is associated with endothelin-1 release during emotional excitement in coronary artery disease patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H391-6	5.2	4
19	Prognostic value of heart rate variability in patients with coronary artery disease in the current treatment era. <i>PLoS ONE</i> , 2021 , 16, e0254107	3.7	4
18	Recovery of rate-pressure product and cardiac mortality in coronary artery disease patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2019 , 150, 150-157	7.4	3

17	Childhood growth patterns and cardiovascular autonomic modulation in midlife: Northern Finland 1966 Birth Cohort Study. <i>International Journal of Obesity</i> , 2019 , 43, 2264-2272	5.5	3
16	Musculoskeletal pains and cardiovascular autonomic function in the general Northern Finnish population. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 45	2.8	3
15	Early Growth Patterns and Cardiac Structure and Function at Midlife: Northern Finland 1966 Birth Cohort Study. <i>Journal of Pediatrics</i> , 2020 , 221, 151-158.e1	3.6	3
14	Gender differences in prevalence and prognostic value of fragmented QRS complex. <i>Journal of Electrocardiology</i> , 2020 , 61, 1-9	1.4	3
13	High Home Blood Pressure Variability Associates With Exaggerated Blood Pressure Response to Cold Stress. <i>American Journal of Hypertension</i> , 2019 , 32, 538-546	2.3	3
12	Increased Beat-to-Beat Variability of T-Wave Heterogeneity Measured From Standard 12-Lead Electrocardiogram Is Associated With Sudden Cardiac Death: A Case-Control Study. <i>Frontiers in Physiology</i> , 2020 , 11, 1045	4.6	3
11	Effect of polycystic ovary syndrome on cardiac autonomic function at a late fertile age: a prospective Northern Finland Birth Cohort 1966 study. <i>BMJ Open</i> , 2019 , 9, e033780	3	3
10	Physical Activity and the Risk for Sudden Cardiac Death in Patients With Coronary Artery Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e007908	6.4	2
9	Resistin is a risk factor for all-cause mortality in elderly Finnish population: A prospective study in the OPERA cohort. <i>PLoS ONE</i> , 2021 , 16, e0248015	3.7	2
8	Are 15-Year Trajectories of Low Back Pain and Sciatica Associated With Cardiovascular Autonomic Function in the General Population?: The Northern Finland Birth Cohort 1966 Study. <i>Spine</i> , 2019 , 44, E1323-E1335	3.3	2
7	Temporal variability of T-wave morphology and risk of sudden cardiac death in patients with coronary artery disease. <i>Annals of Noninvasive Electrocardiology</i> , 2021 , 26, e12830	1.5	2
6	Associations of fitness and physical activity with orthostatic responses of heart rate and blood pressure at midlife. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 874-885	4.6	1
5	Step detection and energy expenditure at different speeds by three accelerometers in a controlled environment. <i>Scientific Reports</i> , 2021 , 11, 20005	4.9	1
4	Life style habits, biochemical factors and their interaction in the prediction of incident hypertension during 21-year follow-up. <i>Blood Pressure</i> , 2019 , 28, 40-48	1.7	1
3	Prognostic significance of P-wave morphology in patients with coronary artery disease. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 2051-2060	2.7	0
2	Abdominal aorta plaques are better in predicting future cardiovascular events compared to carotid intima-media thickness: A 20-year prospective study. <i>Atherosclerosis</i> , 2021 , 330, 36-42	3.1	0
1	Response to Comment on Kiviniemi et al. Prediabetes and Risk for Cardiac Death Among Patients With Coronary Artery Disease: The ARTEMIS Study. <i>Diabetes Care</i> 2019;42:1319-1325. <i>Diabetes Care</i> , 2019 , 42, e195	14.6	