Josef Niebauer

List of Publications by Citations

103 papers	6,421 citations	27 h-index	79 g-index
113 ext. papers	9,001 ext. citations	4.9 avg, IF	5.15 L-index

#	Paper	IF	Citations
103	2018 ESC/EACTS Guidelines on myocardial revascularization. *European Heart Journal*, **2019**, 40, 87-165	9.5	2408
102	Secondary prevention through cardiac rehabilitation: from knowledge to implementation. A position paper from the Cardiac Rehabilitation Section of the European Association of Cardiovascular Prevention and Rehabilitation. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2010**, 17, 1-17		502
101	Secondary prevention in the clinical management of patients with cardiovascular diseases. Core components, standards and outcome measures for referral and delivery: a policy statement from the cardiac rehabilitation section of the European Association for Cardiovascular Prevention & Rehabilitation. Endorsed by the Committee for Practice Guidelines of the European Society of	3.9	365
100	Cardiac rehabilitation in Europe: results from the European Cardiac Rehabilitation Inventory Survey. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2010**, 17, 410-8		303
99	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. *European Heart Journal*, **2021**, 42, 17-96	9.5	264
98	Secondary prevention through cardiac rehabilitation: physical activity counselling and exercise training: key components of the position paper from the Cardiac Rehabilitation Section of the European Association of Cardiovascular Prevention and Rehabilitation. *European Heart Journal*, **2010**, 31, 1967-74	9.5	239
97	Attenuated progression of coronary artery disease after 6 years of multifactorial risk intervention: role of physical exercise. *Circulation*, **1997**, 96, 2534-41	16.7	233
96	Recommendations for participation in competitive and leisure time sport in athletes with cardiomyopathies, myocarditis, and pericarditis: position statement of the Sport Cardiology Section of the European Association of Preventive Cardiology (EAPC). *European Heart Journal*, **2019**, 40, 19-33	9.5	174
95	International Recommendations for Electrocardiographic Interpretation in Athletes. *Journal of the American College of Cardiology*, **2017**, 69, 1057-1075	15.1	171
94	International criteria for electrocardiographic interpretation in athletes: Consensus statement. *British Journal of Sports Medicine*, **2017**, 51, 704-731	10.3	159
93	International recommendations for electrocardiographic interpretation in athletes. *European Heart Journal*, **2018**, 39, 1466-1480	9.5	137
92	Secondary prevention through comprehensive cardiovascular rehabilitation: From knowledge to implementation. 2020 update. A position paper from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. *European Journal of Preventive Cardiology*, **2020**, 2047487320913379	3.9	131
91	Pre-participation cardiovascular evaluation for athletic participants to prevent sudden death: Position paper from the EHRA and the EACPR, branches of the ESC. Endorsed by APHRS, HRS, and SOLAECE. *European Journal of Preventive Cardiology*, **2017**, 24, 41-69	3.9	110
90	The European Association of Preventive Cardiology Exercise Prescription in Everyday Practice and Rehabilitative Training (EXPERT) tool: A digital training and decision support system for optimized exercise prescription in cardiovascular disease. Concept, definitions and construction methodology. *European Journal of Preventive Cardiology*, **2017**, 24, 1017-1031	3.9	84
89	Long- but not short-term multifactorial intervention with focus on exercise training improves coronary endothelial dysfunction in diabetes mellitus type 2 and coronary artery disease. *European Heart Journal*, **2010**, 31, 112-9	9.5	84
88	Exercise Prescription in Patients with Different Combinations of Cardiovascular Disease Risk Factors: A Consensus Statement from the EXPERT Working Group. *Sports Medicine*, **2018**, 48, 1781-1797	10.6	67
87	Molecular effects of exercise training in patients with cardiovascular disease: focus on skeletal muscle, endothelium, and myocardium. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H72-H88	5.2	65

86	Recommendations for participation in leisure time or competitive sports in athletes-patients with coronary artery disease: a position statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *European Heart Journal*, **2019**, 40, 13-18	9.5	59
85	Exercise in the Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) era: A Question and Answer session with the experts Endorsed by the section of Sports Cardiology & Exercise of the European Association of Preventive Cardiology (EAPC). *European Journal of Preventive Cardiology*, **2020**, 27, 1249-1251	3.9	54
84	European Heart Rhythm Association (EHRA)/European Association of Cardiovascular Prevention and Rehabilitation (EACPR) position paper on how to prevent atrial fibrillation endorsed by the Heart Rhythm Society (HRS) and Asia Pacific Heart Rhythm Society (APHRS). *Europace*, **2017**, 19, 190-225	3.9	44
83	European Heart Rhythm Association (EHRA)/European Association of Cardiovascular Prevention and Rehabilitation (EACPR) position paper on how to prevent atrial fibrillation endorsed by the Heart Rhythm Society (HRS) and Asia Pacific Heart Rhythm Society (APHRS). *European Journal of Preventive Cardiology*, **2017**, 24, 1-40	3.9	43
82	Recommendations for participation in competitive sports of athletes with arterial hypertension: a position statement from the sports cardiology section of the European Association of Preventive Cardiology (EAPC). *European Heart Journal*, **2018**, 39, 3664-3671	9.5	39
81	Cardiac rehabilitation in Europe. *Progress in Cardiovascular Diseases*, **2014**, 56, 551-6	8.5	37
80	Pre-participation cardiovascular evaluation for athletic participants to prevent sudden death: Position paper from the EHRA and the EACPR, branches of the ESC. Endorsed by APHRS, HRS, and SOLAECE. *Europace*, **2017**, 19, 139-163	3.9	36
79	NOS inhibition accelerates atherogenesis: reversal by exercise. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H535-40	5.2	35
78	From bench to bedside: what physicians need to know about endothelial progenitor cells. *American Journal of Medicine*, **2011**, 124, 489-97	2.4	28
77	Recommendations for participation in competitive sport in adolescent and adult athletes with Congenital Heart Disease (CHD): position statement of the Sports Cardiology & Exercise Section of the European Association of Preventive Cardiology (EAPC), the European Society of Cardiology (ESC) Working Group on Adult Congenital Heart Disease and the Sports Cardiology, Physical Activity and Prevention Working Group of the Association for European Paediatric and Congenital Cardiology (AEPC). *European Heart Journal*, **2020**, 41, 4191-4199	9.5	28
76	Worksite health and wellness in the European union. *Progress in Cardiovascular Diseases*, **2014**, 56, 508-18	8.5	25
75	A systematic review of cardiac rehabilitation registries. *European Journal of Preventive Cardiology*, **2017**, 24, 1596-1609	3.9	24
74	Is There a Role for Cardiac Rehabilitation After Coronary Artery Bypass Grafting? Treatment After Coronary Artery Bypass Surgery Remains Incomplete Without Rehabilitation. *Circulation*, **2016**, 133, 2529-37	16.7	22
73	Supplemental Oxygen During High-Intensity Exercise Training in Nonhypoxemic Chronic Obstructive Pulmonary Disease. *American Journal of Medicine*, **2016**, 129, 1185-1193	2.4	21
72	Long-term effects of outpatient cardiac rehabilitation in Austria: a nationwide registry. *Wiener Klinische Wochenschrift*, **2014**, 126, 148-55	2.3	21
71	Effects of a 12-week alpine skiing intervention on endothelial progenitor cells, peripheral arterial tone and endothelial biomarkers in the elderly. *International Journal of Cardiology*, **2016**, 214, 343-7	3.2	21
70	Reversing heart failure-associated pathophysiology with exercise: what actually improves and by how much?. *Heart Failure Clinics*, **2015**, 11, 17-28	3.3	19
69	Inhaled budesonide does not prevent acute mountain sickness after rapid ascent to 4559 m. *European Respiratory Journal*, **2017**, 50,	13.6	19

68	Beyond general resistance training. Hypertrophy versus muscular endurance training as therapeutic interventions in adults with type 2 diabetes mellitus: A systematic review and meta-analysis. *Obesity Reviews*, **2020**, 21, e13007	10.6	18
67	Recommendations for participation in leisure-time physical activity and competitive sports of patients with arrhythmias and potentially arrhythmogenic conditions. Part 2: ventricular arrhythmias, channelopathies, and implantable defibrillators. *Europace*, **2021**, 23, 147-148	3.9	18
66	Personalized exercise prescription in the prevention and treatment of arterial hypertension: a Consensus Document from the European Association of Preventive Cardiology (EAPC) and the ESC Council on Hypertension. *European Journal of Preventive Cardiology*, **2021**,	3.9	15
65	Supervised versus autonomous exercise training in breast cancer patients: A multicenter randomized clinical trial. *Cancer Medicine*, **2018**, 7, 5962-5972	4.8	14
64	The need for exercise sciences and an integrated response to COVID-19: A position statement from the international HL-PIVOT network. *Progress in Cardiovascular Diseases*, **2021**, 67, 2-10	8.5	12
63	Fitness training for the old and frail. Effectiveness and impact on daily life coping and self-care abilities. *Zeitschrift Fur Gerontologie Und Geriatrie*, **2016**, 49, 107-14	2.7	11
62	Health effects of active commuting to work: The available evidence before GISMO. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 8-14	4.6	11
61	Efficacy of extended, comprehensive outpatient cardiac rehabilitation on cardiovascular risk factors: A nationwide registry. *European Journal of Preventive Cardiology*, **2020**, 27, 1026-1033	3.9	10
60	Mobile Technologies to Promote Physical Activity during Cardiac Rehabilitation: A Scoping Review. *Sensors*, **2020**, 21,	3.8	10
59	Effects of active commuting on cardiovascular risk factors: GISMO-a randomized controlled feasibility study. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 15-23	4.6	9
58	Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. *European Journal of Preventive Cardiology*, **2021**, 28, 541-557	3.9	9
57	Does exercise training impact clock genes in patients with coronary artery disease and type 2 diabetes mellitus?. *European Journal of Preventive Cardiology*, **2016**, 23, 1375-82	3.9	9
56	Brief recommendations for participation in competitive sports of athletes with arterial hypertension: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *European Journal of Preventive Cardiology*, **2019**, 26, 1549-1555	3.9	8
55	The use of cardiac imaging in the evaluation of athletes in the clinical practice: A survey by the Sports Cardiology and Exercise Section of the European Association of Preventive Cardiology and University of Siena, in collaboration with the European Association of Cardiovascular Imaging, the European Heart Rhythm Association and the ESC Working Group on Myocardial and Pericardial	3.9	8
54	Effects of active commuting on health-related quality of life and sickness-related absence. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 31-40	4.6	8
53	A Comparison between Alpine Skiing, Cross-Country Skiing and Indoor Cycling on Cardiorespiratory and Metabolic Response. *Journal of Sports Science and Medicine*, **2016**, 15, 184-95	2.7	8
52	Merging self-reported with technically sensed data for tracking mobility behavior in a naturalistic intervention study. Insights from the GISMO study. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 41-49	4.6	7
51	Effects of skiing on cardiorespiratory and metabolic responses in middle-aged subjects with increased cardiovascular risk. *International Journal of Cardiology*, **2016**, 203, 618-20	3.2	7

50	Pitfalls of analysis of circulating miRNA: role of hematocrit. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, 622-625	5.9	7
49	Impairment of left atrial mechanics does not contribute to the reduction in stroke volume after active ascent to 4559 m. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 223-231	4.6	7
48	Exercise responsive micro ribonucleic acids identify patients with coronary artery disease. *European Journal of Preventive Cardiology*, **2019**, 26, 348-355	3.9	7
47	Inhaled Budesonide Does Not Affect Hypoxic Pulmonary Vasoconstriction at 4559 Meters of Altitude. *High Altitude Medicine and Biology*, **2018**, 19, 52-59	1.9	6
46	Exercise and sports after COVID-19-Guidance from a clinical perspective. *Translational Sports Medicine*, **2021**, 4, 310-318	1.3	6
45	Brief recommendations for participation in leisure time or competitive sports in athletes-patients with coronary artery disease: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *European Journal of Preventive Cardiology*, **2020**, 27, 770-776	3.9	6
44	What it takes to recruit 77 subjects for a one-year study on active commuting. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 1090-1095	4.6	6
43	Reliability of echocardiographic speckle-tracking derived bi-atrial strain assessment under different hemodynamic conditions. *International Journal of Cardiovascular Imaging*, **2017**, 33, 1685-1692	2.5	5
42	How do General Practitioners assess physical activity and prescribe exercise in patients with different cardiovascular diseases? An Italian pilot study. *European Journal of Preventive Cardiology*, **2020**, 2047487320925221	3.9	5
41	Preserved right ventricular function but increased right atrial contractile demand in altitude-induced pulmonary hypertension. *International Journal of Cardiovascular Imaging*, **2020**, 36, 1069-1076	2.5	5
40	Circulating miRNAs as predictors for morbidity and mortality in coronary artery disease. *Molecular Biology Reports*, **2019**, 46, 5661-5665	2.8	5
39	Cardiovascular effects of doping substances, commonly prescribed medications and ergogenic aids in relation to sports: a position statement of the sport cardiology and exercise nucleus of the European Association of Preventive Cardiology.. *European Journal of Preventive Cardiology*, **2022**,	3.9	5
38	Dose-response relationship of active commuting to work: Results of the GISMO study. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 50-58	4.6	5
37	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. *Russian Journal of Cardiology*, **2021**, 26, 4488	1.3	5
36	Speckle tracking-derived bi-atrial strain before and after eleven weeks of training in elite rowers. *Scientific Reports*, **2018**, 8, 14300	4.9	5
35	Effects of active commuting to work for 12 months on cardiovascular risk factors and body composition. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30 Suppl 1, 24-30	4.6	4
34	Cardiac Rehabilitation in German Speaking Countries of Europe-Evidence-Based Guidelines from Germany, Austria and Switzerland LLKardReha-DACH-Part 1. *Journal of Clinical Medicine*, **2021**, 10,	5.1	4
33	Cardiovascular effects and risks of recreational alpine skiing in the elderly. *Journal of Science and Medicine in Sport*, **2019**, 22 Suppl 1, S27-S33	4.4	4

32	Exercise training prior to night shift work improves physical work capacity and arterial stiffness. *European Journal of Preventive Cardiology*, **2020**, 27, 891-893	3.9	4
31	Cardiac Rehabilitation in German Speaking Countries of Europe-Evidence-Based Guidelines from Germany, Austria and Switzerland LLKardReha-DACH-Part 2. *Journal of Clinical Medicine*, **2021**, 10,	5.1	4
30	Systemic Blood Pressure Variation During a 12-Hour Exposure to Normobaric Hypoxia (4500 m). *High Altitude Medicine and Biology*, **2020**, 21, 194-199	1.9	3
29	How Does Counselling in a Stationary Health Care Setting Affect the Attendance in a Standardised Sports Club Programme? Process Evaluation of a Quasi-Experimental Study. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	3
28	Role of Breathing Conditions During Exercise Testing on Training Prescription in Chronic Obstructive Pulmonary Disease. *American Journal of Physical Medicine and Rehabilitation*, **2017**, 96, 908-911	2.6	3
27	Athletes with valvular heart disease and competitive sports: a position statement of the Sport Cardiology Section of the European Association of Preventive Cardiology. *European Journal of Preventive Cardiology*, **2021**,	3.9	3
26	Effects of different intensities of continuous training on vascular inflammation and oxidative stress in spontaneously hypertensive rats. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 8522-8536	5.6	3
25	Impact of exercise training and supplemental oxygen on submaximal exercise performance in patients with COPD. *Scandinavian Journal of Medicine and Science in Sports*, **2021**, 31, 710-719	4.6	3
24	Systemic Inflammation, Vascular Function, and Endothelial Progenitor Cells after an Exercise Training Intervention in COPD. *American Journal of Medicine*, **2021**, 134, e171-e180	2.4	3
23	Sudden Cardiac Death Risk in Downhill Skiers and Mountain Hikers and Specific Prevention Strategies. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
22	Cardiovascular screening for young athletes. *JAMA - Journal of the American Medical Association*, **2015**, 313, 1674	27.4	2
21	Short-and Long-Term Effectiveness of a Physical Activity Intervention with Coordinated Action between the Health Care Sector and Local Sports Clubs. A Pragmatic Trial in Austrian Adults. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	2
20	Health literacy interventions for secondary prevention of coronary artery disease: a scoping review.. *Open Heart*, **2022**, 9,	3	2
19	Endurance Athletes Are at Increased Risk for Early Acute Mountain Sickness at 3450 m. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1109-1115	1.2	2
18	Effects of Exercise Training on Vascular Markers of Disease Progression in Patients with Small Abdominal Aortic Aneurysms. *American Journal of Medicine*, **2021**, 134, 535-541	2.4	2
17	Exercise-induced changes in miRNA expression in coronary artery disease. *Clinical Chemistry and Laboratory Medicine*, **2021**, 59, 1719-1727	5.9	2
16	Effect of Different Endurance Training Protocols During Cardiac Rehabilitation on Quality of Life. *American Journal of Medicine*, **2021**, 134, 805-811	2.4	2
15	Serum neurofilament level increases after ascent to 4559 m but is not related to acute mountain sickness. *European Journal of Neurology*, **2021**, 28, 1004-1008	6	2

14	Viral myocarditis: a forbidden indication for cardiac rehabilitation?. *European Journal of Preventive Cardiology*, **2021**,	3.9	2
13	Cardiac rehabilitation in Austria. *Wiener Medizinische Wochenschrift*, **2018**, 168, 46-49	2.9	2
12	Preserved Left Atrial Mechanics Following a 5-h Laboratory Triathlon in Euhydrated Athletes. *International Journal of Sports Medicine*, **2019**, 40, 88-94	3.6	1
11	Combined endurance and resistance training during geriatric day care improve exercise capacity, balance and strength. *Sports Orthopaedics and Traumatology*, **2018**, 34, 15-22	0.4	1
10	Timed physical exercise does not influence circadian rhythms and glucose tolerance in rotating night shift workers: The EuRhythDia study. *Diabetes and Vascular Disease Research*, **2020**, 17, 1479164120950616	3.3	1
9	SAFETY AND EFFECTS OF EXTRACT WS 1442 AND NORDIC WALKING ON LIPID PROFILE AND ENDOTHELIAL FUNCTION: A RANDOMIZED, PARTIALLY BLINDED PILOT STUDY IN OVERWEIGHT VOLUNTEERS. *Acta Clinica Croatica*, **2019**, 58, 604-614	0.8	1
8	Exercise Capacity and Cardiorespiratory Fitness in Children with Congenital Heart Diseases: A Proposal for an Adapted NYHA Classification. *International Journal of Environmental Research and Public Health*, **2022**, 19, 5907	4.6	1
7	Comparable anti-glycaemic effects of hypertrophy versus endurance resistance training in type 2 diabetes mellitus. *European Journal of Preventive Cardiology*, **2020**, 27, 1564-1565	3.9	0
6	Outpatient Cardiac Rehabilitation Closure and Home-Based Exercise Training During the First COVID-19 Lockdown in Austria: A Mixed-Methods Study.. *Frontiers in Psychology*, **2022**, 13, 817912	3.4	0
5	Research on Digital Technology Use in Cardiology: Bibliometric Analysis.. *Journal of Medical Internet Research*, **2022**, 24, e36086	7.6	0
4	General Data Protection Regulation (GDPR) Toolkit for Digital Health. *Studies in Health Technology and Informatics*, **2022**,	0.5	0
3	Incidental diagnosis of apical hypertrophic cardiomyopathy with aneurysm in an athlete. *International Journal of Cardiology*, **2017**, 238, 177-179	3.2	
2	Exertional Dyspnea as the Main Symptom in an Adolescent Athlete With Coronary Artery Anomaly - A Case Report.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 872608	5.4	
1	The Development of a Digital Tool for Planning Physical Exercise Training During Cardiac Rehabilitation. *Studies in Health Technology and Informatics*, **2022**,	0.5	