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List of Publications by Year
in descending order

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44 papers	2,914 citations	471509 17 h-index	254184 43 g-index
46 all docs	46 docs citations	46 times ranked	4962 citing authors

#	Article	IF	Citations
1	Associations between Borgâ€™s rating of perceived exertion and physiological measures of exercise intensity. European Journal of Applied Physiology, 2013, 113, 147-155.	2.5	489
2	Accuracy in Wrist-Worn, Sensor-Based Measurements of Heart Rate and Energy Expenditure in a Diverse Cohort. Journal of Personalized Medicine, 2017, 7, 3.	2.5	420
3	A longitudinal big data approach for precision health. Nature Medicine, 2019, 25, 792-804.	30.7	329
4	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. Circulation, 2017, 135, 839-849.	1.6	297
5	Molecular Choreography of Acute Exercise. Cell, 2020, 181, 1112-1130.e16.	28.9	261
6	The Impact of a Ten-Week Physical Exercise Program on Health-Related Quality of Life in Patients with Inflammatory Bowel Disease: A Prospective Randomized Controlled Trial. Digestion, 2015, 91, 239-247.	2.3	148
7	Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction. JAMA - Journal of the American Medical Association, 2021, 325, 542.	7.4	144
8	A Reference Equation for Normal Standards for VO 2 Max: Analysis from the Fitness Registry and the Importance of Exercise National Database (FRIEND Registry). Progress in Cardiovascular Diseases, 2017, 60, 21-29.	3.1	136
9	Heart Rate Variability: An Old Metric with New Meaning in the Era of using mHealth Technologies for Health and Exercise Training Guidance. Part One: Physiology and Methods. Arrhythmia and Electrophysiology Review, 2018, 7, 193.	2.4	108
10	Heart Rate Variability: An Old Metric with New Meaning in the Era of Using mHealth technologies for Health and Exercise Training Guidance. Part Two: Prognosis and Training. Arrhythmia and Electrophysiology Review, 2018, 7, 1.	2.4	89
11	Exercise training improves exercise capacity and quality of life after transcatheter aortic valve implantation: A randomized pilot trial. American Heart Journal, 2016, 182, 44-53.	2.7	61
12	A reference equation for maximal aerobic power for treadmill and cycle ergometer exercise testing: Analysis from the FRIEND registry. European Journal of Preventive Cardiology, 2018, 25, 742-750.	1.8	58
13	The effect of digital physical activity interventions on daily step count: a randomised controlled crossover substudy of the MyHeart Counts Cardiovascular Health Study. The Lancet Digital Health, 2019, 1, e344-e352.	12.3	52
14	Workload-indexed blood pressure response is superior to peak systolic blood pressure in predicting all-cause mortality. European Journal of Preventive Cardiology, 2020, 27, 978-987.	1.8	39
15	What's the secret behind the benefits of whole-body vibration training in patients with COPD? A randomized, controlled trial. Respiratory Medicine, 2017, 126, 17-24.	2.9	36
16	Long-term effect of exercise training in patients after transcatheter aortic valve implantation: Follow-up of the SPORT:TAVI randomised pilot study. European Journal of Preventive Cardiology, 2018, 25, 794-801.	1.8	29
17	Cardiopulmonary response during whole-body vibration training in patients with severe COPD. ERJ Open Research, 2017, 3, 00101-2016.	2.6	23
18	Comparison of two- and six-minute walk tests in detecting oxygen desaturation in patients with severe chronic obstructive pulmonary disease â€” A randomized crossover trial. Chronic Respiratory Disease, 2016, 13, 256-263.	2.4	16

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19	Applying current normative data to prognosis in heart failure: The Fitness Registry and the Importance of Exercise National Database (FRIEND). International Journal of Cardiology, 2018, 263, 75-79.	1.7	14
20	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. Journal of Human Hypertension, 2021, 35, 55-64.	2.2	14
21	Baseline and Exercise Predictors of VË™O2peak in Systolic Heart Failure Patients: Results from SMARTEX-HF. Medicine and Science in Sports and Exercise, 2020, 52, 810-819.	0.4	13
22	Individualized vs. group exercise in improving quality of life and physical activity in patients with cardiac disease and low exercise capacity: results from the DOPPELHERZ trial. Disability and Rehabilitation, 2017, 39, 2566-2571.	1.8	12
23	Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. European Heart Journal Cardiovascular Imaging, 2020, 21, 876-884.	1.2	12
24	Findings From Cardiovascular Evaluation of National Collegiate Athletic Association Division I Collegiate Student-Athletes After Asymptomatic or Mildly Symptomatic SARS-CoV-2 Infection. Clinical Journal of Sport Medicine, 2022, 32, 103-107.	1.8	12
25	Cardiopulmonary Exercise Testing, Impedance Cardiography, and Reclassification of Risk in Patients Referred for Heart Failure Evaluation. Journal of Cardiac Failure, 2019, 25, 961-968.	1.7	11
26	Value of Strain Imaging and Maximal Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2017, 120, 1203-1208.	1.6	10
27	Contractile reserve and cardiopulmonary exercise parameters in patients with dilated cardiomyopathy, the two dimensions of exercise testing. Echocardiography, 2017, 34, 1179-1186.	0.9	8
28	Limitations of Electrocardiography for Detecting Left Ventricular Hypertrophy or Concentric Remodeling in Athletes. American Journal of Medicine, 2020, 133, 123-132.e8.	1.5	8
29	Rethinking Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2021, 41, 389-399.	2.1	8
30	Comparison of the FRIEND and Wassermanâ€Hansen Equations in Predicting Outcomes in Heart Failure. Journal of the American Heart Association, 2021, 10, e021246.	3.7	7
31	Interval Endurance and Resistance Training as Part of a Community-Based Secondary Prevention Program for Patients With Diabetes Mellitus and Coronary Artery Disease. Journal of Cardiopulmonary Rehabilitation and Prevention, 2020, 40, 17-23.	2.1	6
32	Physiology of the Assisted Circulation in Cardiogenic Shock: A State-of-the-Art Perspective. Canadian Journal of Cardiology, 2020, 36, 170-183.	1.7	6
33	A method for determining exercise oscillatory ventilation in heart failure: Prognostic value and practical implications. International Journal of Cardiology, 2017, 249, 287-291.	1.7	5
34	Effect of Individualized Combined Exercise Versus Group-Based Maintenance Exercise in Patients With Heart Disease and Reduced Exercise Capacity. Journal of Cardiopulmonary Rehabilitation and Prevention, 2018, 38, 31-37.	2.1	4
35	Mobile Health Monitoring of Cardiac Status. Annual Review of Biomedical Data Science, 2020, 3, 243-263.	6.5	4
36	Peripheral Oxygen Extraction and Exercise Limitation in Asymptomatic Patients with Diabetes Mellitus. American Journal of Cardiology, 2021, 149, 132-139.	1.6	4

#	Article	IF	Citations
37	Impact of the distance from the chest wall to the heart on surface ECG voltage in athletes. BMJ Open Sport and Exercise Medicine, 2020, 6, e000696.	2.9	3
38	Peak O₂â€pulse predicts exercise trainingâ€induced changes in peak V̀‡O₂ in heart failure with preserved ejection fraction. ESC Heart Failure, 2022, 9, 3393-3406.	3.1	3
39	Cardiopulmonary Exercise Testing With Echocardiography to Assess Recovery in Patients With Ventricular Assist Devices. ASAIO Journal, 2021, Publish Ahead of Print, 1134-1138.	1.6	2
40	Long-term Cardiac Maintenance Programming. Journal of Cardiopulmonary Rehabilitation and Prevention, 2021, 41, 23-29.	2.1	2
41	Exercise testing in heart failure. Current Opinion in Cardiology, 2018, 33, 217-224.	1.8	1
42	Echocardiographic Assessment of Left Ventricular Remodeling in American Style Footballers. International Journal of Sports Medicine, 2020, 41, 27-35.	1.7	1
43	Normative Values for Cardiorespiratory Fitness: 45 Years after Bruce. Bioengineered, 2017, 6, 59-60.	3.2	1
44	Cardiopulmonary Exercise Testing and Prescription of Exercise. , 2020, , 897-912.		1