

Jeffrey W Christle

List of Publications by Year in descending order

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44
papers

2,914
citations

471061

17
h-index

253896

43
g-index

46
all docs

46
docs citations

46
times ranked

4962
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations between Borg's rating of perceived exertion and physiological measures of exercise intensity. <i>European Journal of Applied Physiology</i> , 2013, 113, 147-155.	1.2	489
2	Accuracy in Wrist-Worn, Sensor-Based Measurements of Heart Rate and Energy Expenditure in a Diverse Cohort. <i>Journal of Personalized Medicine</i> , 2017, 7, 3.	1.1	420
3	A longitudinal big data approach for precision health. <i>Nature Medicine</i> , 2019, 25, 792-804.	15.2	329
4	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2017, 135, 839-849.	1.6	297
5	Molecular Choreography of Acute Exercise. <i>Cell</i> , 2020, 181, 1112-1130.e16.	13.5	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. <i>Digestion</i> , 2015, 91, 239-247.	1.2	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. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 542.	3.8	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). <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 21-29.	1.6	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. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 193.	1.3	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. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 1.	1.3	89
11	Exercise training improves exercise capacity and quality of life after transcatheter aortic valve implantation: A randomized pilot trial. <i>American Heart Journal</i> , 2016, 182, 44-53.	1.2	61
12	A reference equation for maximal aerobic power for treadmill and cycle ergometer exercise testing: Analysis from the FRIEND registry. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 742-750.	0.8	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. <i>The Lancet Digital Health</i> , 2019, 1, e344-e352.	5.9	52
14	Workload-indexed blood pressure response is superior to peak systolic blood pressure in predicting all-cause mortality. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 978-987.	0.8	39
15	What's the secret behind the benefits of whole-body vibration training in patients with COPD? A randomized, controlled trial. <i>Respiratory Medicine</i> , 2017, 126, 17-24.	1.3	36
16	Long-term effect of exercise training in patients after transcatheter aortic valve implantation: Follow-up of the SPORT:TAVI randomised pilot study. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 794-801.	0.8	29
17	Cardiopulmonary response during whole-body vibration training in patients with severe COPD. <i>ERJ Open Research</i> , 2017, 3, 00101-2016.	1.1	23
18	Comparison of two- and six-minute walk tests in detecting oxygen desaturation in patients with severe chronic obstructive pulmonary disease – A randomized crossover trial. <i>Chronic Respiratory Disease</i> , 2016, 13, 256-263.	1.0	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). <i>International Journal of Cardiology</i> , 2018, 263, 75-79.	0.8	14
20	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. <i>Journal of Human Hypertension</i> , 2021, 35, 55-64.	1.0	14
21	Baseline and Exercise Predictors of $\dot{V}E^{\text{TM}}\text{O}_2\text{peak}$ in Systolic Heart Failure Patients: Results from SMARTEX-HF. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 810-819.	0.2	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. <i>Disability and Rehabilitation</i> , 2017, 39, 2566-2571.	0.9	12
23	Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 876-884.	0.5	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. <i>Clinical Journal of Sport Medicine</i> , 2022, 32, 103-107.	0.9	12
25	Cardiopulmonary Exercise Testing, Impedance Cardiography, and Reclassification of Risk in Patients Referred for Heart Failure Evaluation. <i>Journal of Cardiac Failure</i> , 2019, 25, 961-968.	0.7	11
26	Value of Strain Imaging and Maximal Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017, 120, 1203-1208.	0.7	10
27	Contractile reserve and cardiopulmonary exercise parameters in patients with dilated cardiomyopathy, the two dimensions of exercise testing. <i>Echocardiography</i> , 2017, 34, 1179-1186.	0.3	8
28	Limitations of Electrocardiography for Detecting Left Ventricular Hypertrophy or Concentric Remodeling in Athletes. <i>American Journal of Medicine</i> , 2020, 133, 123-132.e8.	0.6	8
29	Rethinking Rehabilitation. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021, 41, 389-399.	1.2	8
30	Comparison of the FRIEND and Wasserman-Hansen Equations in Predicting Outcomes in Heart Failure. <i>Journal of the American Heart Association</i> , 2021, 10, e021246.	1.6	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. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 17-23.	1.2	6
32	Physiology of the Assisted Circulation in Cardiogenic Shock: A State-of-the-Art Perspective. <i>Canadian Journal of Cardiology</i> , 2020, 36, 170-183.	0.8	6
33	A method for determining exercise oscillatory ventilation in heart failure: Prognostic value and practical implications. <i>International Journal of Cardiology</i> , 2017, 249, 287-291.	0.8	5
34	Effect of Individualized Combined Exercise Versus Group-Based Maintenance Exercise in Patients With Heart Disease and Reduced Exercise Capacity. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2018, 38, 31-37.	1.2	4
35	Mobile Health Monitoring of Cardiac Status. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 243-263.	2.8	4
36	Peripheral Oxygen Extraction and Exercise Limitation in Asymptomatic Patients with Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2021, 149, 132-139.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Impact of the distance from the chest wall to the heart on surface ECG voltage in athletes. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000696.	1.4	3
38	Peak $\dot{V}O_2$ pulse predicts exercise training-induced changes in peak $\dot{V}O_2$ in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 3393-3406.	1.4	3
39	Cardiopulmonary Exercise Testing With Echocardiography to Assess Recovery in Patients With Ventricular Assist Devices. <i>ASAIO Journal</i> , 2021, Publish Ahead of Print, 1134-1138.	0.9	2
40	Long-term Cardiac Maintenance Programming. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021, 41, 23-29.	1.2	2
41	Exercise testing in heart failure. <i>Current Opinion in Cardiology</i> , 2018, 33, 217-224.	0.8	1
42	Echocardiographic Assessment of Left Ventricular Remodeling in American Style Footballers. <i>International Journal of Sports Medicine</i> , 2020, 41, 27-35.	0.8	1
43	Normative Values for Cardiorespiratory Fitness: 45 Years after Bruce. <i>Bioengineered</i> , 2017, 6, 59-60.	1.4	1
44	Cardiopulmonary Exercise Testing and Prescription of Exercise. , 2020, , 897-912.		1