

Leonard A Kaminsky

List of Publications by Citations

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103
papers

4,526
citations

31
h-index

66
g-index

124
ext. papers

6,186
ext. citations

4.5
avg, IF

5.75
L-index

#	Paper	IF	Citations
103	Importance of Assessing Cardiorespiratory Fitness in Clinical Practice: A Case for Fitness as a Clinical Vital Sign: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e653-e699	16.7	825
102	Guide to the assessment of physical activity: Clinical and research applications: a scientific statement from the American Heart Association. <i>Circulation</i> , 2013 , 128, 2259-79	16.7	526
101	The importance of cardiorespiratory fitness in the United States: the need for a national registry: a policy statement from the American Heart Association. <i>Circulation</i> , 2013 , 127, 652-62	16.7	244
100	Reference Standards for Cardiorespiratory Fitness Measured With Cardiopulmonary Exercise Testing: Data From the Fitness Registry and the Importance of Exercise National Database. <i>Mayo Clinic Proceedings</i> , 2015 , 90, 1515-23	6.4	218
99	Impact of Cardiorespiratory Fitness on All-Cause and Disease-Specific Mortality: Advances Since 2009. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 11-20	8.5	211
98	Aerobic exercise training induces skeletal muscle hypertrophy and age-dependent adaptations in myofiber function in young and older men. <i>Journal of Applied Physiology</i> , 2012 , 113, 1495-504	3.7	123
97	Validity of Consumer-Based Physical Activity Monitors for Specific Activity Types. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1619-28	1.2	122
96	Prioritizing Functional Capacity as a Principal End Point for Therapies Oriented to Older Adults With Cardiovascular Disease: A Scientific Statement for Healthcare Professionals From the American Heart Association. <i>Circulation</i> , 2017 , 135, e894-e918	16.7	119
95	Has the prevalence of overweight, obesity and central obesity levelled off in the United States? Trends, patterns, disparities, and future projections for the obesity epidemic. <i>International Journal of Epidemiology</i> , 2020 , 49, 810-823	7.8	114
94	Reference Standards for Cardiorespiratory Fitness Measured With Cardiopulmonary Exercise Testing Using Cycle Ergometry: Data From the Fitness Registry and the Importance of Exercise National Database (FRIEND) Registry. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 228-233	6.4	104
93	Serum creatine kinase and lactate dehydrogenase changes following an eighty kilometer race. Relationship to lipid peroxidation. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1988 , 57, 60-3		97
92	An Update on the Role of Cardiorespiratory Fitness, Structured Exercise and Lifestyle Physical Activity in Preventing Cardiovascular Disease and Health Risk. <i>Progress in Cardiovascular Diseases</i> , 2018 , 61, 484-490	8.5	92
91	A Reference Equation for Normal Standards for VO 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	8.5	86
90	Cardiorespiratory fitness and cardiovascular disease - The past, present, and future. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 86-93	8.5	81
89	Cardiorespiratory Fitness and Mortality in Healthy Men and Women. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2283-2292	15.1	81
88	Healthy lifestyle interventions to combat noncommunicable disease-a novel nonhierarchical connectivity model for key stakeholders: a policy statement from the American Heart Association, European Society of Cardiology, European Association for Cardiovascular Prevention and Rehabilitation, and American College of Preventive Medicine. <i>European Heart Journal</i> , 2015 , 36, 2097-2109	9.5	77
87	Evaluation of a new standardized ramp protocol: the BSU/Bruce Ramp protocol. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1998 , 18, 438-44		77

86	Comparison of four Fitbit and Jawbone activity monitors with a research-grade ActiGraph accelerometer for estimating physical activity and energy expenditure. <i>British Journal of Sports Medicine</i> , 2018 , 52, 844-850	10.3	69
85	New records in aerobic power among octogenarian lifelong endurance athletes. <i>Journal of Applied Physiology</i> , 2013 , 114, 3-10	3.7	63
84	Intermonitor reliability of the GT3X+ accelerometer at hip, wrist and ankle sites during activities of daily living. <i>Physiological Measurement</i> , 2014 , 35, 129-38	2.9	62
83	Promoting health and wellness in the workplace: a unique opportunity to establish primary and extended secondary cardiovascular risk reduction programs. <i>Mayo Clinic Proceedings</i> , 2013 , 88, 605-17	6.4	62
82	Predictors of over- and underachievement of age-predicted maximal heart rate. <i>Medicine and Science in Sports and Exercise</i> , 1992 , 24, 1173-1179	1.2	57
81	A comparison of the Actigraph GT1M and GT3X accelerometers under standardized and free-living conditions. <i>Physiological Measurement</i> , 2012 , 33, 1869-76	2.9	53
80	Cardiovascular and skeletal muscle health with lifelong exercise. <i>Journal of Applied Physiology</i> , 2018 , 125, 1636-1645	3.7	51
79	Reference standards for body fat measures using GE dual energy x-ray absorptiometry in Caucasian adults. <i>PLoS ONE</i> , 2017 , 12, e0175110	3.7	41
78	Assessing Physical Activity as a Core Component in Cardiac Rehabilitation: A POSITION STATEMENT OF THE AMERICAN ASSOCIATION OF CARDIOVASCULAR AND PULMONARY REHABILITATION. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2016 , 36, 217-29	3.6	40
77	Effectiveness of Mobile Health Interventions on Diabetes and Obesity Treatment and Management: Systematic Review of Systematic Reviews. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e15400	5.5	39
76	The Association between the Change in Directly Measured Cardiorespiratory Fitness across Time and Mortality Risk. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 157-162	8.5	38
75	The effect of exercise training on the severity and duration of a viral upper respiratory illness. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 1578-83	1.2	34
74	Revisiting age-predicted maximal heart rate: Can it be used as a valid measure of effort?. <i>American Heart Journal</i> , 2016 , 173, 49-56	4.9	33
73	Reference standards for lean mass measures using GE dual energy x-ray absorptiometry in Caucasian adults. <i>PLoS ONE</i> , 2017 , 12, e0176161	3.7	31
72	A new generalized cycle ergometry equation for predicting maximal oxygen uptake: The Fitness Registry and the Importance of Exercise National Database (FRIEND). <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1077-1082	3.9	31
71	Global Fitness Levels: Findings From a Web-Based Surveillance Report. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 78-88	8.5	30
70	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	3.9	30
69	Raw and Count Data Comparability of Hip-Worn ActiGraph GT3X+ and Link Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1103-1112	1.2	28

68	Failure of predicted VO ₂ peak to discriminate physical fitness in epidemiological studies. <i>Medicine and Science in Sports and Exercise</i> , 1995 , 27, 85-91	1.2	28
67	Current trends in reducing cardiovascular risk factors in the United States: focus on worksite health and wellness. <i>Progress in Cardiovascular Diseases</i> , 2014 , 56, 476-83	8.5	27
66	Development and Implementation of Worksite Health and Wellness Programs: A Focus on Non-Communicable Disease. <i>Progress in Cardiovascular Diseases</i> , 2015 , 58, 94-101	8.5	25
65	The relationship of a 6-min walk to VO ₂ peak and VT in older heart failure patients. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1047-53	1.2	24
64	Determining Cardiorespiratory Fitness With Precision: Compendium of Findings From the FRIEND Registry. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 76-82	8.5	24
63	Peak Blood Pressure Responses During Maximum Cardiopulmonary Exercise Testing: Reference Standards From FRIEND (Fitness Registry and the Importance of Exercise: A National Database). <i>Hypertension</i> , 2018 , 71, 229-236	8.5	22
62	Accelerometer Validation of Questionnaires Used in Clinical Settings to Assess MVPA. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1538-42	1.2	22
61	Effect of a rhinovirus-caused upper respiratory illness on pulmonary function test and exercise responses. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 604-9	1.2	21
60	New Generalized Equation for Predicting Maximal Oxygen Uptake (from the Fitness Registry and the Importance of Exercise National Database). <i>American Journal of Cardiology</i> , 2017 , 120, 688-692	3	19
59	A pedometer-based physical activity intervention for patients entering a maintenance cardiac rehabilitation program: a pilot study. <i>Cardiovascular Diagnosis and Therapy</i> , 2013 , 3, 73-9	2.6	18
58	Development of cut-points for determining activity intensity from a wrist-worn ActiGraph accelerometer in free-living adults. <i>Journal of Sports Sciences</i> , 2020 , 38, 2569-2578	3.6	18
57	Functional assessment of heart failure patients. <i>Heart Failure Clinics</i> , 2015 , 11, 29-36	3.3	16
56	Precision of total and regional body fat estimates from dual-energy X-ray absorptiometer measurements. <i>Journal of Nutrition, Health and Aging</i> , 2014 , 18, 591-4	5.2	16
55	Validation of Accelerometer-Based Energy Expenditure Prediction Models in Structured and Simulated Free-Living Settings. <i>Measurement in Physical Education and Exercise Science</i> , 2017 , 21, 223-234	1.9	16
54	Personal Activity Intelligence (PAI): A new standard in activity tracking for obtaining a healthy cardiorespiratory fitness level and low cardiovascular risk. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 179-185	8.5	12
53	Patient and program characteristics of early outpatient cardiac rehabilitation programs in the United States. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2013 , 33, 168-72	3.6	12
52	Cardiorespiratory Fitness Is Inversely Associated With Clustering of Metabolic Syndrome Risk Factors: The Ball State Adult Fitness Program Longitudinal Lifestyle Study. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2018 , 2, 155-164	3.1	12
51	Accuracy of Nonexercise Prediction Equations for Assessing Longitudinal Changes to Cardiorespiratory Fitness in Apparently Healthy Adults: BALL ST Cohort. <i>Journal of the American Heart Association</i> , 2020 , 9, e015117	6	11

50	Cardiorespiratory Fitness Normalized to Fat-Free Mass and Mortality Risk. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1532-1537	1.2	11
49	The Affordable Care Act: new opportunities for cardiac rehabilitation in the workplace?. <i>Journal of Occupational and Environmental Medicine</i> , 2014 , 56, 809-13	2	11
48	Comparison of non-exercise cardiorespiratory fitness prediction equations in apparently healthy adults. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 142-148	3.9	11
47	The Influence of Change in Cardiorespiratory Fitness With Short-Term Exercise Training on Mortality Risk From The Ball State Adult Fitness Longitudinal Lifestyle Study. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 1406-1414	6.4	10
46	Development of Global Reference Standards for Directly Measured Cardiorespiratory Fitness: A Report From the Fitness Registry and Importance of Exercise National Database (FRIEND). <i>Mayo Clinic Proceedings</i> , 2020 , 95, 255-264	6.4	9
45	Maximal heart rate declines linearly with age independent of cardiorespiratory fitness levels. <i>European Journal of Sport Science</i> , 2017 , 17, 563-570	3.9	8
44	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 ^{3,2}		8
43	Improving reference equations for cardiorespiratory fitness using multiplicative allometric rather than additive linear models: Data from the Fitness Registry and the Importance of Exercise National Database Registry. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 515-521	8.5	8
42	The influence of aerobic exercise training on the double product break point in low-to-moderate risk adults. <i>European Journal of Applied Physiology</i> , 2011 , 111, 313-8	3.4	7
41	Accuracy of Exercise-based Equations for Estimating Cardiorespiratory Fitness. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 74-82	1.2	7
40	Peak Ventilation Reference Standards from Exercise Testing: From the FRIEND Registry. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2603-2608	1.2	7
39	Healthy Lifestyle Medicine in the Traditional Healthcare Environment-Primary Care and Cardiac Rehabilitation. <i>Progress in Cardiovascular Diseases</i> , 2017 , 59, 448-454	8.5	5
38	Correlates of objectively measured physical activity in cardiac patients. <i>Cardiovascular Diagnosis and Therapy</i> , 2014 , 4, 406-10	2.6	5
37	Reference Standards for Ventilatory Threshold Measured With Cardiopulmonary Exercise Testing: The Fitness Registry and the Importance of Exercise: A National Database. <i>Chest</i> , 2020 , 157, 1531-1537	5.3	5
36	Assessing Physical Activity, Sedentary Behavior, and Cardiorespiratory Fitness in Worksite Health Promotion. <i>American Journal of Health Promotion</i> , 2019 , 33, 318-326	2.5	4
35	Determining the Reliability of Several Consumer-Based Physical Activity Monitors. <i>Technologies</i> , 2017 , 5, 47	2.4	4
34	Prediction of peak oxygen uptake from cycle exercise test work level in heart failure patients ≥ 65 years of age. <i>American Journal of Cardiology</i> , 2000 , 85, 1385-7	3	4
33	Trends in cardiorespiratory fitness among apparently healthy adults from the Ball State Adult Fitness Longitudinal Lifestyle Study (BALL ST) cohort from 1970-2019. <i>PLoS ONE</i> , 2020 , 15, e0242995	3.7	4

32	Prognostic comparison of the FRIEND and Wasserman/Hansen peak VO equations applied to a submaximal walking test in outpatients with cardiovascular disease. <i>European Journal of Preventive Cardiology</i> , 2019 , 2047487319871728	3.9	4
31	The VE/V̇O ₂ Slope During Maximal Treadmill Cardiopulmonary Exercise Testing: REFERENCE STANDARDS FROM FRIEND (FITNESS REGISTRY AND THE IMPORTANCE OF EXERCISE: A NATIONAL DATABASE). <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021 , 41, 194-198	3.6	4
30	Heart rate response at the onset of exercise in an apparently healthy cohort. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1367-75	3.4	3
29	Updated Reference Standards for Cardiorespiratory Fitness Measured with Cardiopulmonary Exercise Testing: Data from the Fitness Registry and the Importance of Exercise National Database (FRIEND). <i>Mayo Clinic Proceedings</i> , 2021 ,	6.4	3
28	Healthy Vascular Aging Is Associated With Higher Cardiorespiratory Fitness. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021 , 41, 122-125	3.6	3
27	Characterization of the blood pressure response during cycle ergometer cardiopulmonary exercise testing in black and white men : Data from the Fitness Registry and Importance of Exercise: A National Database (FRIEND). <i>Journal of Human Hypertension</i> , 2021 , 35, 685-695	2.6	3
26	Current Activities Centered on Healthy Living and Recommendations for the Future: A Position Statement from the HL-PIVOT Network. <i>Current Problems in Cardiology</i> , 2021 , 46, 100823	17.1	3
25	Increasing physical activity in the community setting. <i>Progress in Cardiovascular Diseases</i> , 2021 , 64, 27-328.5		3
24	Effect of Warm-up on Plasma Free Fatty Acid Responses and Substrate Utilization during Submaximal Exercise. <i>Research Quarterly for Exercise and Sport</i> , 1986 , 57, 223-228	1.9	2
23	The Effect Of Underclothing On Percent Body Fat Measurements Made With The Bod Pod. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, S72	1.2	2
22	Peak oxygen pulse responses during maximal cardiopulmonary exercise testing: Reference standards from FRIEND (Fitness Registry and the Importance of Exercise: an International Database). <i>International Journal of Cardiology</i> , 2020 , 301, 180-182	3.2	2
21	Low but not high exercise systolic blood pressure is associated with long-term all-cause mortality. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e001106	3.4	2
20	The importance of healthy lifestyle behaviors in the prevention of cardiovascular disease.. <i>Progress in Cardiovascular Diseases</i> , 2021 ,	8.5	2
19	The thermic effect of carbohydrate and fat intake before, during, and after graded exercise. <i>Nutrition Research</i> , 1989 , 9, 605-612	4	1
18	The long-term treatment of stable angina pectoris with verapamil. <i>Journal of Clinical Pharmacology</i> , 1990 , 30, 916-21	2.9	1
17	Reference Standards for Cardiorespiratory Fitness by Cardiovascular Disease Category and Testing Modality: Data From FRIEND. <i>Journal of the American Heart Association</i> , 2021 , 10, e022336	6	1
16	New Equations for Predicting Maximum Oxygen Uptake in Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2020 , 128, 7-11	3	1
15	An Evolving Approach to Assessing Cardiorespiratory Fitness, Muscle Function and Bone and Joint Health in the COVID-19 Era. <i>Current Problems in Cardiology</i> , 2022 , 47, 100879	17.1	1

14	Peak oxygen pulse and mortality risk in healthy women and men: The Ball State Adult Fitness Longitudinal Lifestyle Study (BALL ST). <i>Progress in Cardiovascular Diseases</i> , 2021 , 68, 19-24	8.5	1
13	Methodological considerations for calculating ventilatory efficiency in healthy adults. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1566-1567	3.9	1
12	Comments on "validation of equations to estimate the peak oxygen uptake in adolescents from 20 metres shuttle run test". <i>Journal of Sports Sciences</i> , 2021 , 39, 900-902	3.6	1
11	Maximizing the cardioprotective benefits of exercise with age-, sex-, and fitness-adjusted target intensities for training. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	1
10	Criterion-referenced mCAFT cut-points to identify metabolically healthy cardiorespiratory fitness among adults aged 18-69 years: an analysis of the Canadian Health Measures Survey. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 1007-1014	3	0
9	The Health Benefits of a Pedometer-Based 100,000 Steps/Week Physical Activity Program. <i>Journal of Science in Sport and Exercise</i> , 2019 , 1, 176-183	1	0
8	Lipoprotein-associated phospholipase A2 and carotid intima-media thickness in individuals classified as low-risk according to Framingham. <i>Cardiovascular Diagnosis and Therapy</i> , 2014 , 4, 487-94	2.6	0
7	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	6	0
6	Working Toward Optimal Exercise Prescription: Strength Training Should Not Be Overlooked.. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2022 , 42, E32-E33	3.6	0
5	Cardiorespiratory Fitness Measured from Cardiopulmonary Exercise Testing for Mortality Risk Prediction in Apparently Healthy Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 79-80	1.2	
4	Diurnal variation in lipoprotein-associated phospholipase A(2) (Lp-PLA(2)). <i>Clinical Biochemistry</i> , 2012 , 45, 700-2	3.5	
3	Systematic Review and Regression Modeling of the Effects of Age, Body Size, and Exercise on Cardiovascular Parameters in Healthy Adults. <i>Cardiovascular Engineering and Technology</i> , 2021 , 1	2.2	
2	Developing Criterion-Referenced Standards for Cardiorespiratory Fitness Among Canadian Adults Aged 18-69 Years. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 927-927	1.2	
1	Reply to commentary on: Prediction of VO _{peak} by an endurance test and prognostic value of the FRIEND equation. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 2054-2056	3.9	