William E. Kraus

List of Publications by Year
in descending order

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406 papers	33,603 citations	3334 91 h-index	5120 166 g-index
415 all docs	415 docs citations	415 times ranked	38569 citing authors

#	Article	IF	Citations
1	Efficacy and Safety of Exercise Training in Patients With Chronic Heart Failure. JAMA - Journal of the American Medical Association, 2009, 301, 1439.	7.4	1,694
2	Effects of the Amount and Intensity of Exercise on Plasma Lipoproteins. New England Journal of Medicine, 2002, 347, 1483-1492.	27.0	1,198
3	Regenerating functional myocardium: Improved performance after skeletal myoblast transplantation. Nature Medicine, 1998, 4, 929-933.	30.7	1,079
4	Interventions to Promote Physical Activity and Dietary Lifestyle Changes for Cardiovascular Risk Factor Reduction in Adults. Circulation, 2010, 122, 406-441.	1.6	760
5	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221.	27.0	633
6	Effects of Exercise Training on Health Status in Patients With Chronic Heart Failure. JAMA - Journal of the American Medical Association, 2009, 301, 1451.	7.4	631
7	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	27.8	581
8	Effect of Caloric Restriction or Aerobic Exercise Training on Peak Oxygen Consumption and Quality of Life in Obese Older Patients With Heart Failure With Preserved Ejection Fraction. JAMA - Journal of the American Medical Association, 2016, 315, 36.	7.4	581
9	Endothelial, cardiac muscle and skeletal muscle exhibit different viscous and elastic properties as determined by atomic force microscopy. Journal of Biomechanics, 2001, 34, 1545-1553.	2.1	527
10	Effects of the Amount of Exercise on Body Weight, Body Composition, and Measures of Central Obesity. Archives of Internal Medicine, 2004, 164, 31.	3.8	505
11	Population Approaches to Improve Diet, Physical Activity, and Smoking Habits. Circulation, 2012, 126, 1514-1563.	1.6	488
12	Effect of the volume and intensity of exercise training on insulin sensitivity. Journal of Applied Physiology, 2004, 96, 101-106.	2.5	456
13	Association of a Peripheral Blood Metabolic Profile With Coronary Artery Disease and Risk of Subsequent Cardiovascular Events. Circulation: Cardiovascular Genetics, 2010, 3, 207-214.	5.1	390
14	Relationships Between Circulating Metabolic Intermediates and Insulin Action in Overweight to Obese, Inactive Men and Women. Diabetes Care, 2009, 32, 1678-1683.	8.6	362
15	Fatty Acid Homeostasis and Induction of Lipid Regulatory Genes in Skeletal Muscles of Peroxisome Proliferator-activated Receptor (PPAR) Î± Knock-out Mice. Journal of Biological Chemistry, 2002, 277, 26089-26097.	3.4	360
16	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063.	2.8	348
17	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. Cell Metabolism, 2015, 22, 4-11.	16.2	345
18	A 2-Year Randomized Controlled Trial of Human Caloric Restriction: Feasibility and Effects on Predictors of Health Span and Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1097-1104.	3.6	345

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19	Genomic predictors of the maximal O₂ uptake response to standardized exercise training programs. Journal of Applied Physiology, 2011, 110, 1160-1170.	2.5	344
20	Metabolomic Profiling for the Identification of Novel Biomarkers and Mechanisms Related to Common Cardiovascular Diseases. Circulation, 2012, 126, 1110-1120.	1.6	312
21	Physical Activity, All-Cause and Cardiovascular Mortality, and Cardiovascular Disease. Medicine and Science in Sports and Exercise, 2019, 51, 1270-1281.	0.4	311
22	Adverse Metabolic Response to Regular Exercise: Is It a Rare or Common Occurrence?. PLoS ONE, 2012, 7, e37887.	2.5	294
23	Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. American Journal of Human Genetics, 2014, 94, 223-232.	6.2	287
24	Effects of aerobic and/or resistance training on body mass and fat mass in overweight or obese adults. Journal of Applied Physiology, 2012, 113, 1831-1837.	2.5	282
25	Exercise Training Amount and Intensity Effects on Metabolic Syndrome (from Studies of a Targeted) Tj ETQq1 1 0.784314 rgBT /Overlo 1759-1766.	1.6	273
26	Baseline metabolomic profiles predict cardiovascular events in patients at risk for coronary artery disease. American Heart Journal, 2012, 163, 844-850.e1.	2.7	271
27	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. ELife, 2020, 9, .	6.0	268
28	Main Outcomes of the FRESH START Trial: A Sequentially Tailored, Diet and Exercise Mailed Print Intervention Among Breast and Prostate Cancer Survivors. Journal of Clinical Oncology, 2007, 25, 2709-2718.	1.6	260
29	Recommendations for Clinical Exercise Laboratories. Circulation, 2009, 119, 3144-3161.	1.6	258
30	Bioengineered human myobundles mimic clinical responses of skeletal muscle to drugs. ELife, 2015, 4, e04885.	6.0	258
31	Dietary nitrate supplementation enhances exercise performance in peripheral arterial disease. Journal of Applied Physiology, 2011, 110, 1582-1591.	2.5	254
32	PGC-1Î± mRNA expression is influenced by metabolic perturbation in exercising human skeletal muscle. Journal of Applied Physiology, 2004, 96, 189-194.	2.5	239
33	Modest Increase in Peak VO ₂ Is Related to Better Clinical Outcomes in Chronic Heart Failure Patients. Circulation: Heart Failure, 2012, 5, 579-585.	3.9	239
34	2 years of calorie restriction and cardiometabolic risk (CALERIE): exploratory outcomes of a multicentre, phase 2, randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2019, 7, 673-683.	11.4	239
35	Inactivity, exercise, and visceral fat. STRRIDE: a randomized, controlled study of exercise intensity and amount. Journal of Applied Physiology, 2005, 99, 1613-1618.	2.5	235
36	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	12.6	234

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37	Physical Activity to Prevent and Treat Hypertension: A Systematic Review. Medicine and Science in Sports and Exercise, 2019, 51, 1314-1323.	0.4	229
38	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	2.8	214
39	Heart Failure and A Controlled Trial Investigating Outcomes of Exercise TraiNing (HF-ACTION): Design and rationale. American Heart Journal, 2007, 153, 201-211.	2.7	206
40	Myostatin Decreases with Aerobic Exercise and Associates with Insulin Resistance. Medicine and Science in Sports and Exercise, 2010, 42, 2023-2029.	0.4	195
41	A novel multi-tissue RNA diagnostic of healthy ageing relates to cognitive health status. Genome Biology, 2015, 16, 185.	8.8	189
42	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. Lancet Public Health, The, 2022, 7, e219-e228.	10.0	189
43	Capillary density of skeletal muscle. Journal of the American College of Cardiology, 1999, 33, 1956-1963.	2.8	186
44	Association between change in daily ambulatory activity and cardiovascular events in people with impaired glucose tolerance (NAVIGATOR trial): a cohort analysis. Lancet, The, 2014, 383, 1059-1066.	13.7	186
45	Systematic review of the prospective association of daily step counts with risk of mortality, cardiovascular disease, and dysglycemia. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 78.	4.6	183
46	Enhancing Cardiac Rehabilitation With Stress Management Training. Circulation, 2016, 133, 1341-1350.	1.6	182
47	Effects of aerobic vs. resistance training on visceral and liver fat stores, liver enzymes, and insulin resistance by HOMA in overweight adults from STRRIDE AT/RT. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1033-E1039.	3.5	179
48	Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. Medicine and Science in Sports and Exercise, 2019, 51, 1206-1212.	0.4	179
49	Comparison of Aerobic Versus Resistance Exercise Training Effects on Metabolic Syndrome (from the) Tj ETQq1 1 0.784314 rgBT /Ove Journal of Cardiology, 2011, 108, 838-844.	1.6	178
50	Factors Related to Morbidity and Mortality in Patients With Chronic Heart Failure With Systolic Dysfunction. Circulation: Heart Failure, 2012, 5, 63-71.	3.9	178
51	Metabolomic Profiling Identifies Novel Circulating Biomarkers of Mitochondrial Dysfunction Differentially Elevated in Heart Failure With Preserved Versus Reduced Ejection Fraction: Evidence for Shared Metabolic Impairments in Clinical Heart Failure. Journal of the American Heart Association, 2016, 5, .	3.7	178
52	Correlation of Peripheral-Blood Gene Expression With the Extent of Coronary Artery Stenosis. Circulation: Cardiovascular Genetics, 2008, 1, 31-38.	5.1	175
53	Red cell distribution width, C-reactive protein, the complete blood count, and mortality in patients with coronary disease and a normal comparison population. Clinica Chimica Acta, 2011, 412, 2094-2099.	1.1	168
54	Relation Between Volume of Exercise and Clinical Outcomes in Patients With Heart Failure. Journal of the American College of Cardiology, 2012, 60, 1899-1905.	2.8	162

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55	Multicenter Validation of the Diagnostic Accuracy of a Blood-Based Gene Expression Test for Assessing Obstructive Coronary Artery Disease in Nondiabetic Patients. Annals of Internal Medicine, 2010, 153, 425.	3.9	161
56	Variables Measured During Cardiopulmonary Exercise Testing as Predictors of Mortality in Chronic Systolic Heart Failure. Journal of the American College of Cardiology, 2016, 67, 780-789.	2.8	157
57	Gene Expression Patterns in Peripheral Blood Correlate with the Extent of Coronary Artery Disease. PLoS ONE, 2009, 4, e7037.	2.5	153
58	A Genomewide Scan for Early-Onset Coronary Artery Disease in 438 Families: The GENECARD Study. American Journal of Human Genetics, 2004, 75, 436-447.	6.2	152
59	Design and Conduct of the CALERIE Study: Comprehensive Assessment of the Long-term Effects of Reducing Intake of Energy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 97-108.	3.6	151
60	Effects of Exercise Training Intensity on Pancreatic Î²-Cell Function. Diabetes Care, 2009, 32, 1807-1811.	8.6	150
61	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	12.8	147
62	Association between Bout Duration of Physical Activity and Health: Systematic Review. Medicine and Science in Sports and Exercise, 2019, 51, 1213-1219.	0.4	145
63	Prognostic Implications of Long-Chain Acylcarnitines in Heart Failure and Reversibility With Mechanical CirculatoryÂSupport. Journal of the American College of Cardiology, 2016, 67, 291-299.	2.8	143
64	Inactivity, exercise training and detraining, and plasma lipoproteins. STRRIDE: a randomized, controlled study of exercise intensity and amount. Journal of Applied Physiology, 2007, 103, 432-442.	2.5	140
65	High heritability of metabolomic profiles in families burdened with premature cardiovascular disease. Molecular Systems Biology, 2009, 5, 258.	7.2	140
66	Exercise among breast and prostate cancer survivorsâ€"what are their barriers?. Journal of Cancer Survivorship, 2011, 5, 413-419.	2.9	136
67	Safety and feasibility of aerobic training on cardiopulmonary function and quality of life in postsurgical nonsmall cell lung cancer patients. Cancer, 2008, 113, 3430-3439.	4.1	135
68	Exercise Training as Therapy for Heart Failure. Circulation: Heart Failure, 2015, 8, 209-220.	3.9	133
69	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	12.6	130
70	A Genome-Wide Association Study for Coronary Artery Disease Identifies a Novel Susceptibility Locus in the Major Histocompatibility Complex. Circulation: Cardiovascular Genetics, 2012, 5, 217-225.	5.1	125
71	Lack of Association Between Adrenergic Receptor Genotypes and Survival in Heart Failure Patients Treated With Carvedilol or Metoprolol. Journal of the American College of Cardiology, 2008, 52, 644-651.	2.8	124
72	Studies of a targeted risk reduction intervention through defined exercise (STRRIDE). Medicine and Science in Sports and Exercise, 2001, 33, 1774-1784.	0.4	122

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73	Effects of Exercise Training Amount and Intensity on Peak Oxygen Consumption in Middle-Age Men and Women at Risk for Cardiovascular Disease. Chest, 2005, 128, 2788-2793.	0.8	122
74	Metabolite signatures of exercise training in human skeletal muscle relate to mitochondrial remodelling and cardiometabolic fitness. Diabetologia, 2014, 57, 2282-2295.	6.3	121
75	Change in the Rate of Biological Aging in Response to Caloric Restriction: CALERIE Biobank Analysis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 4-10.	3.6	119
76	High-Intensity Interval Training for Cardiometabolic Disease Prevention. Medicine and Science in Sports and Exercise, 2019, 51, 1220-1226.	0.4	119
77	Development of a blood-based gene expression algorithm for assessment of obstructive coronary artery disease in non-diabetic patients. BMC Medical Genomics, 2011, 4, 26.	1.5	117
78	Intracardiac transplantation of skeletal myoblasts yields two populations of striated cells in situ. Annals of Thoracic Surgery, 1999, 67, 124-129.	1.3	114
79	Exercise, Abdominal Obesity, Skeletal Muscle, and Metabolic Risk: Evidence for a Dose Response. Obesity, 2009, 17, S27-33.	3.0	114
80	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	2.2	113
81	Peakwide Mapping on Chromosome 3q13 Identifies the Kalirin Gene as a Novel Candidate Gene for Coronary Artery Disease. American Journal of Human Genetics, 2007, 80, 650-663.	6.2	110
82	Effects of Physical Activity in Knee and Hip Osteoarthritis: A Systematic Umbrella Review. Medicine and Science in Sports and Exercise, 2019, 51, 1324-1339.	0.4	110
83	Effect of exercise intensity and volume on persistence of insulin sensitivity during training cessation. Journal of Applied Physiology, 2009, 106, 1079-1085.	2.5	109
84	Validation of the association between a branched chain amino acid metabolite profile and extremes of coronary artery disease in patients referred for cardiac catheterization. Atherosclerosis, 2014, 232, 191-196.	0.8	109
85	Biomarkers of Myocardial Stress and Fibrosis as Predictors of Mode of Death in Patients With Chronic Heart Failure. JACC: Heart Failure, 2014, 2, 260-268.	4.1	104
86	Relationship between leg muscle capillary density and peak hyperemic blood flow with endurance capacity in peripheral artery disease. Journal of Applied Physiology, 2011, 111, 81-86.	2.5	103
87	Impact of combined resistance and aerobic exercise training on branched-chain amino acid turnover, glycine metabolism and insulin sensitivity in overweight humans. Diabetologia, 2015, 58, 2324-2335.	6.3	103
88	Orientation and length of mammalian skeletal myocytes in response to a unidirectional stretch. Cell and Tissue Research, 2000, 302, 243-251.	2.9	99
89	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	12.8	99
90	Effects of exercise training alone vs a combined exercise and nutritional lifestyle intervention on glucose homeostasis in prediabetic individuals: a randomised controlled trial. Diabetologia, 2016, 59, 2088-2098.	6.3	98

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91	Atherogenic Lipoprotein Determinants of Cardiovascular Disease and Residual Risk Among Individuals With Low Lowâ€Density Lipoprotein Cholesterol. Journal of the American Heart Association, 2017, 6, .	3.7	98
92	Ten weeks of high-intensity interval walk training is associated with reduced disease activity and improved innate immune function in older adults with rheumatoid arthritis: a pilot study. Arthritis Research and Therapy, 2018, 20, 127.	3.5	98
93	Gender and racial differences in lipoprotein subclass distributions: the STRRIDE study. Atherosclerosis, 2004, 176, 371-377.	0.8	96
94	Reproducibility of Peak Oxygen Uptake and Other Cardiopulmonary Exercise Testing Parameters in Patients With Heart Failure (from the Heart Failure and A Controlled Trial Investigating Outcomes of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	96
95	Angiogenesis in Skeletal Muscle Precede Improvements in Peak Oxygen Uptake in Peripheral Artery Disease Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2742-2748.	2.4	94
96	The Effect of the PREMIER Interventions on Insulin Sensitivity. Diabetes Care, 2004, 27, 340-347.	8.6	93
97	Approaches for quantifying energy intake and %calorie restriction during calorie restriction interventions in humans: the multicenter CALERIE study. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E441-E448.	3.5	88
98	Neuropeptide Y Gene Polymorphisms Confer Risk of Early-Onset Atherosclerosis. PLoS Genetics, 2009, 5, e1000318.	3.5	87
99	Body-composition changes in the Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy (CALERIE)-2 study: a 2-y randomized controlled trial of calorie restriction in nonobese humans. American Journal of Clinical Nutrition, 2017, 105, 913-927.	4.7	87
100	Impact of early personalâ€history characteristics on the Pace of Aging: implications for clinical trials of therapies to slow aging and extend healthspan. Aging Cell, 2017, 16, 644-651.	6.7	87
101	Caloric Restriction. Journal of Cardiopulmonary Rehabilitation and Prevention, 2013, 33, 201-208.	2.1	86
102	Relationship of Beta-Blocker Dose With Outcomes in Ambulatory Heart Failure Patients With Systolic Dysfunction. Journal of the American College of Cardiology, 2012, 60, 208-215.	2.8	85
103	Metabolic Dysfunction in Heart Failure: Diagnostic, Prognostic, and Pathophysiologic Insights From Metabolomic Profiling. Current Heart Failure Reports, 2016, 13, 119-131.	3.3	83
104	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. Environment International, 2019, 122, 193-200.	10.0	83
105	GATA2 Is Associated with Familial Early-Onset Coronary Artery Disease. PLoS Genetics, 2006, 2, e139.	3.5	82
106	Effects of Exercise on Lipoprotein Particles in Women with Polycystic Ovary Syndrome. Medicine and Science in Sports and Exercise, 2009, 41, 497-504.	0.4	81
107	Metabolomic Quantitative Trait Loci (mQTL) Mapping Implicates the Ubiquitin Proteasome System in Cardiovascular Disease Pathogenesis. PLoS Genetics, 2015, 11, e1005553.	3.5	81
108	Altered expression of myosin heavy chain in human skeletal muscle in chronic heart failure. Medicine and Science in Sports and Exercise, 1997, 29, 860-866.	0.4	80

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109	A Practical and Time-Efficient High-Intensity Interval Training Program Modifies Cardio-Metabolic Risk Factors in Adults with Risk Factors for Type II Diabetes. Frontiers in Endocrinology, 2017, 8, 229.	3.5	78
110	Clinical characteristics, response to exercise training, and outcomes in patients with heart failure and chronic obstructive pulmonary disease: Findings from Heart Failure and A Controlled Trial Investigating Outcomes of Exercise TraiNing (HF-ACTION). American Heart Journal, 2013, 165, 193-199.	2.7	77
111	A whole blood gene expression-based signature for smoking status. BMC Medical Genomics, 2012, 5, 58.	1.5	76
112	Comparing the 7-Day Physical Activity Recall with a Triaxial Accelerometer for Measuring Time in Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 1334-1340.	0.4	75
113	Effect of cyclic stretch on Î²1D-integrin expression and activation of FAK and RhoA. American Journal of Physiology - Cell Physiology, 2007, 292, C2057-C2069.	4.6	72
114	The effects of exercise on the lipoprotein subclass profile: A meta-analysis of 10 interventions. Atherosclerosis, 2015, 243, 364-372.	0.8	72
115	Relationships between exercise-induced reductions in thigh intermuscular adipose tissue, changes in lipoprotein particle size, and visceral adiposity. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E407-E412.	3.5	71
116	Lifestyle and neurocognition in older adults with cognitive impairments. Neurology, 2019, 92, e212-e223.	1.1	71
117	Association between satellite-based estimates of long-term PM2.5 exposure and coronary artery disease. Environmental Research, 2016, 145, 9-17.	7.5	69
118	Utility of Growth Differentiation Factor-15, AÂMarker of Oxidative Stress and Inflammation, in Chronic Heart Failure. JACC: Heart Failure, 2017, 5, 724-734.	4.1	69
119	Genetics of coronary heart disease: Current knowledge and research principles. American Heart Journal, 2000, 140, S11-S26.	2.7	68
120	Design of FRESH START: A Randomized Trial of Exercise and Diet among Cancer Survivors. Medicine and Science in Sports and Exercise, 2003, 35, 415-424.	0.4	68
121	Modest Exercise Prevents the Progressive Disease Associated with Physical Inactivity. Exercise and Sport Sciences Reviews, 2007, 35, 18-23.	3.0	68
122	Ozone exposure is associated with acute changes in inflammation, fibrinolysis, and endothelial cell function in coronary artery disease patients. Environmental Health, 2017, 16, 126.	4.0	67
123	Comprehensive genetic analysis of the platelet activating factor acetylhydrolase (PLA2G7) gene and cardiovascular disease in caseâ€“control and family datasets. Human Molecular Genetics, 2008, 17, 1318-1328.	2.9	66
124	Epigenetic regulation of COL15A1 in smooth muscle cell replicative aging and atherosclerosis. Human Molecular Genetics, 2013, 22, 5107-5120.	2.9	66
125	The AMPK/p27Kip1 Axis Regulates Autophagy/Apoptosis Decisions in Aged Skeletal Muscle Stem Cells. Stem Cell Reports, 2018, 11, 425-439.	4.8	66
126	Morphology and ultrastructure of differentiating three-dimensional mammalian skeletal muscle in a collagen gel. Muscle and Nerve, 2007, 36, 71-80.	2.2	65

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127	Aspirin Exposure Reveals Novel Genes Associated With Platelet Function and Cardiovascular Events. Journal of the American College of Cardiology, 2013, 62, 1267-1276.	2.8	65
128	Human and Mouse Skeletal Muscle Stem Cells: Convergent and Divergent Mechanisms of Myogenesis. PLoS ONE, 2014, 9, e90398.	2.5	65
129	Effects of 2Âyears of caloric restriction on oxidative status assessed by urinary F2â€isoprostanes: The <scp>CALERIE</scp> 2 randomized clinical trial. Aging Cell, 2018, 17, e12719.	6.7	65
130	The effects of aerobic, resistance, and combination training on insulin sensitivity and secretion in overweight adults from STRRIDE AT/RT: a randomized trial. Journal of Applied Physiology, 2015, 118, 1474-1482.	2.5	64
131	A Guide for a Cardiovascular Genomics Biorepository: the CATHGEN Experience. Journal of Cardiovascular Translational Research, 2015, 8, 449-457.	2.4	64
132	Increased levels of apoptosis in gastrocnemius skeletal muscle in patients with peripheral arterial disease. Vascular Medicine, 2007, 12, 285-290.	1.5	63
133	Exercise Training, Lipid Regulation, and Insulin Action: A Tangled Web of Cause and Effect. Obesity, 2009, 17, S21-6.	3.0	63
134	Effect of calorie restriction on the free-living physical activity levels of nonobese humans: results of three randomized trials. Journal of Applied Physiology, 2011, 110, 956-963.	2.5	63
135	Association between resting heart rate, chronotropic index, and long-term outcomes in patients with heart failure receiving Î²-blocker therapy: data from the HF-ACTION trial. European Heart Journal, 2013, 34, 2271-2280.	2.2	63
136	Molecular alterations in skeletal muscle in rheumatoid arthritis are related to disease activity, physical inactivity, and disability. Arthritis Research and Therapy, 2017, 19, 12.	3.5	63
137	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. Environmental Research, 2017, 159, 16-23.	7.5	63
138	Energy compensation and adiposity in humans. Current Biology, 2021, 31, 4659-4666.e2.	3.9	63
139	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	6.5	62
140	Antihypertensive efficacy and safety of losartan alone and in combination with hydrochlorothiazide in adult African Americans with mild to moderate hypertension. Clinical Therapeutics, 2001, 23, 1193-1208.	2.5	61
141	Deconditioning fails to explain peripheral skeletal muscle alterations in men with chronic heart failure. Journal of the American College of Cardiology, 2002, 39, 1170-1174.	2.8	61
142	A Novel Protein Glycanâ€“Derived Inflammation Biomarker Independently Predicts Cardiovascular Disease and Modifies the Association of HDL Subclasses with Mortality. Clinical Chemistry, 2017, 63, 288-296.	3.2	60
143	The lung cancer exercise training study: a randomized trial of aerobic training, resistance training, or both in postsurgical lung cancer patients: rationale and design. BMC Cancer, 2010, 10, 155.	2.6	59
144	Volume of Light Versus Moderateâ€toâ€Vigorous Physical Activity: Similar Benefits for Allâ€Cause Mortality?. Journal of the American Heart Association, 2018, 7, .	3.7	59

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145	Response of high-sensitivity C-reactive protein to exercise training in an at-risk population. American Heart Journal, 2006, 152, 793-800.	2.7	57
146	Safety of symptom-limited cardiopulmonary exercise testing in patients with chronic heart failure due to severe left ventricular systolic dysfunction. American Heart Journal, 2009, 158, S72-S77.	2.7	57
147	Effects of Exercise Training Amount on Physical Activity Energy Expenditure. Medicine and Science in Sports and Exercise, 2009, 41, 1640-1645.	0.4	56
148	Exercise Training and Implantable Cardioverter-Defibrillator Shocks in Patients With Heart Failure. JACC: Heart Failure, 2013, 1, 142-148.	4.1	56
149	High-density lipoprotein subclass measurements improve mortality risk prediction, discrimination and reclassification in a cardiac catheterization cohort. Atherosclerosis, 2016, 246, 229-235.	0.8	56
150	Skeletal muscle dictates the fibrinolytic state after exercise training in overweight men with characteristics of metabolic syndrome. Journal of Physiology, 2003, 548, 401-410.	2.9	56
151	Design of the Genetics of Early Onset Cardiovascular Disease (GENECARD) study. American Heart Journal, 2003, 145, 602-613.	2.7	55
152	Energy requirements in nonobese men and women: results from CALERIE. American Journal of Clinical Nutrition, 2014, 99, 71-78.	4.7	55
153	Stretch-induced nitric oxide modulates mechanical properties of skeletal muscle cells. American Journal of Physiology - Cell Physiology, 2004, 287, C292-C299.	4.6	54
154	Change in selfâ€efficacy partially mediates the effects of the FRESH START intervention on cancer survivors' dietary outcomes. Psycho-Oncology, 2008, 17, 1014-1023.	2.3	54
155	Effects of Lifestyle Modification on Patients With Resistant Hypertension: Results of the TRIUMPH Randomized Clinical Trial. Circulation, 2021, 144, 1212-1226.	1.6	54
156	Exercise training increases electron and substrate shuttling proteins in muscle of overweight men and women with the metabolic syndrome. Journal of Applied Physiology, 2005, 98, 168-179.	2.5	52
157	Psychosocial Factors, Exercise Adherence, and Outcomes in Heart Failure Patients. Circulation: Heart Failure, 2015, 8, 1044-1051.	3.9	52
158	Genetic effects in the leukotriene biosynthesis pathway and association with atherosclerosis. Human Genetics, 2009, 125, 217-229.	3.8	51
159	Exercise-Induced Changes in Metabolic Intermediates, Hormones, and Inflammatory Markers Associated With Improvements in Insulin Sensitivity. Diabetes Care, 2011, 34, 174-176.	8.6	51
160	Associations among plasma metabolite levels and short-term exposure to PM2.5 and ozone in a cardiac catheterization cohort. Environment International, 2016, 97, 76-84.	10.0	51
161	Exercise effects on lipids in persons with varying dietary patternsâ€"does diet matter if they exercise? Responses in Studies of a Targeted Risk Reduction Intervention through Defined Exercise I. American Heart Journal, 2012, 164, 117-124.	2.7	50
162	The effects of exercise on cardiovascular biomarkers in patients with chronic heart failure. American Heart Journal, 2014, 167, 193-202.e1.	2.7	50

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163	Alteration in angiogenic and anti-angiogenic forms of vascular endothelial growth factor-A in skeletal muscle of patients with intermittent claudication following exercise training. Vascular Medicine, 2012, 17, 94-100.	1.5	49
164	Effects of a 12-Week mHealth Program on FunctionalCapacity and Physical Activity in Patients With PeripheralArtery Disease. American Journal of Cardiology, 2018, 122, 879-884.	1.6	49
165	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. Cell Reports, 2020, 33, 108375.	6.4	49
166	Effects of a 12-week mHealth program on peak VO2 and physical activity patterns after completing cardiac rehabilitation: A randomized controlled trial. American Heart Journal, 2018, 199, 105-114.	2.7	48
167	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. Nutrition Reviews, 2021, 79, 98-113.	5.8	48
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