William E. Kraus

List of Publications by Year
in descending order

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406	33,603	3874	5873
papers	citations	91 h-index	166 g-index

415	415	415	41968
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associations between neighborhood socioeconomic cluster and hypertension, diabetes, myocardial infarction, and coronary artery disease within a cohort of cardiac catheterization patients. American Heart Journal, 2022, 243, 201-209.	1.2	7
2	Tissue engineered skeletal muscle model of rheumatoid arthritis using human primary skeletal muscle cells. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 128-139.	1.3	6
3	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. Nature Communications, 2022, 13, 99.	5.8	7
4	Amount and intensity effects of exercise training alone versus a combined diet and exercise lifestyle intervention on health-related quality of life in the STRRIDE-PD randomized trial. BMJ Open Diabetes Research and Care, 2022, 10, e002584.	1.2	1
5	Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIEâ„¢ a multicentre, phase 2, randomised controlled trial. EClinicalMedicine, 2022, 43, 101261.	3.2	26
6	A human-based multi-gene signature enables quantitative drug repurposing for metabolic disease. ELife, 2022, 11, .	2.8	9
7	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. Lancet Public Health, The, 2022, 7, e219-e228.	4.7	189
8	Cerebrovascular Function, Vascular Risk, and Lifestyle Patterns in Resistant Hypertension. Journal of Alzheimer's Disease, 2022, , 1-13.	1.2	4
9	Challenges in defining successful adherence to calorie restriction goals in humans: Results from CALERIEâ„¢ 2. Experimental Gerontology, 2022, 162, 111757.	1.2	4
10	Field-Based Assessments of Behavioral Patterns During Shiftwork in Police Academy Trainees Using Wearable Technology. Journal of Biological Rhythms, 2022, 37, 260-271.	1.4	7
11	OUP accepted manuscript. Cardiovascular Research, 2022, , .	1.8	1
12	ACSM-AMSSM Call to Action: Adapting Preparticipation Cardiovascular Screening to the COVID-19 Pandemic. Current Sports Medicine Reports, 2022, 21, 159-162.	0.5	2
13	Rheumatoid arthritis T cell and muscle oxidative metabolism associate with exercise-induced changes in cardiorespiratory fitness. Scientific Reports, 2022, 12, 7450.	1.6	9
14	Health coaching and genetic risk testing in primary care: Randomized controlled trial.. Health Psychology, 2022, 41, 719-732.	1.3	1
15	Longer term benefits of exercise and escitalopram in the treatment of anxiety in patients with coronary heart disease: Six month follow-up of the UNWIND randomized clinical trial. American Heart Journal, 2022, 251, 91-100.	1.2	3
16	Sex-dimorphic gene effects on survival outcomes in people with coronary artery disease. American Heart Journal Plus, 2022, 17, 100152.	0.3	1
17	Differential Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Sensitivity and Glucose Homeostasis: A Narrative Review. Sports Medicine - Open, 2022, 8, .	1.3	6
18	Exposures to low-levels of fine particulate matter are associated with acute changes in heart rate variability, cardiac repolarization, and circulating blood lipids in coronary artery disease patients. Environmental Research, 2022, 214, 113768.	3.7	3

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19	A Role for Exercise to Counter Skeletal Muscle Clock Disruption. Exercise and Sport Sciences Reviews, 2021, 49, 35-41.	1.6	8
20	Effect of 2Âyears of calorie restriction on liver biomarkers: results from the CALERIE phase 2 randomized controlled trial. European Journal of Nutrition, 2021, 60, 1633-1643.	1.8	13
21	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. Nutrition Reviews, 2021, 79, 98-113.	2.6	48
22	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	3.3	62
23	Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Resistance and Type 2 Diabetes Risk in the STRRIDE Randomized Trials. Frontiers in Physiology, 2021, 12, 626142.	1.3	11
24	Greater Pain Severity Is Associated with Worse Outcomes in Patients with Heart Failure. Journal of Cardiovascular Translational Research, 2021, 14, 984-991.	1.1	2
25	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	1.0	113
26	Exercise protects against cardiac and skeletal muscle dysfunction in a mouse model of inflammatory arthritis. Journal of Applied Physiology, 2021, 130, 853-864.	1.2	4
27	Beta-blocker and ACE-inhibitor dosing as a function of body surface area: From the HF-ACTION trial. American Heart Journal, 2021, 233, 1-4.	1.2	1
28	Exploring Differences in Cardiorespiratory Fitness Response Rates Across Varying Doses of Exercise Training: A Retrospective Analysis of Eight Randomized Controlled Trials. Sports Medicine, 2021, 51, 1785-1797.	3.1	19
29	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. Genome Medicine, 2021, 13, 74.	3.6	20
30	Aerobic Versus Resistance Training Effects on Ventricular-Arterial Coupling and Vascular Function in the STRRIDE-AT/RT Trial. Frontiers in Cardiovascular Medicine, 2021, 8, 638929.	1.1	4
31	Association between short-term exposure to ambient fine particulate matter and myocardial injury in the CATHGEN cohort. Environmental Pollution, 2021, 275, 116663.	3.7	15
32	Increasing physical activity in Cancer Survivors through a Text-messaging Exercise motivation Program (ICanSTEP). Supportive Care in Cancer, 2021, 29, 7339-7349.	1.0	5
33	Metabolomic profiling identifies complex lipid species and amino acid analogues associated with response to weight loss interventions. PLoS ONE, 2021, 16, e0240764.	1.1	9
34	Evaluation of PM2.5 air pollution sources and cardiovascular health. Environmental Epidemiology, 2021, 5, e157.	1.4	11
35	Genome-Wide Variants Associated With Longitudinal Survival Outcomes Among Individuals With Coronary Artery Disease. Frontiers in Genetics, 2021, 12, 661497.	1.1	3
36	A template for physical resilience research in older adults: Methods of the <scp>PRIMEâ€KNEE</scp> study. Journal of the American Geriatrics Society, 2021, 69, 3232-3241.	1.3	13

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37	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	6.0	130
38	Altered skeletal muscle metabolic pathways, age, systemic inflammation, and low cardiorespiratory fitness associate with improvements in disease activity following high-intensity interval training in persons with rheumatoid arthritis. Arthritis Research and Therapy, 2021, 23, 187.	1.6	11
39	Energy compensation and adiposity in humans. Current Biology, 2021, 31, 4659-4666.e2.	1.8	63
40	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	6.0	234
41	Branched-Chain Amino Acid Catabolism and Cardiopulmonary Function Following Acute Maximal Exercise Testing in Adolescents. Frontiers in Cardiovascular Medicine, 2021, 8, 721354.	1.1	4
42	Circulating long chain acylcarnitines and outcomes in diabetic heart failure: an HF-ACTION clinical trial substudy. Cardiovascular Diabetology, 2021, 20, 161.	2.7	8
43	Effect of Exercise, Escitalopram, or Placebo on Anxiety in Patients With Coronary Heart Disease. JAMA Psychiatry, 2021, 78, 1270.	6.0	22
44	Increasing the Availability of Automated External Defibrillators at Sporting Events: A Call to Action from the American College of Sports Medicine. Current Sports Medicine Reports, 2021, 20, 418-419.	0.5	0
45	Physical activity and fat-free mass during growth and in later life. American Journal of Clinical Nutrition, 2021, 114, 1583-1589.	2.2	22
46	Effects of Lifestyle Modification on Patients With Resistant Hypertension: Results of the TRIUMPH Randomized Clinical Trial. Circulation, 2021, 144, 1212-1226.	1.6	54
47	Early Identification of Patients at Risk for Incident Heart Failure With Preserved Ejection Fraction: Novel Approach to Echocardiographic Trends. Journal of Cardiac Failure, 2021, 27, 942-948.	0.7	0
48	Rapid report on using data to make standardized decisions about enrollment during the COVID-19 pandemic: perspectives from the MoTrPAC study. Annals of Epidemiology, 2021, 62, 19-21.	0.9	0
49	Association between the FTO rs9939609 single nucleotide polymorphism and dietary adherence during a 2-year caloric restriction intervention: Exploratory analyses from CALERIEâ„¢ phase 2. Experimental Gerontology, 2021, 155, 111555.	1.2	3
50	Making Cardiopulmonary Exercise Testing Interpretable for Clinicians. Current Sports Medicine Reports, 2021, 20, 545-552.	0.5	5
51	The Relation of Accelerometer-Measured Physical Activity and Serum Uric Acid Using the National Health and Nutrition Survey (NHANES) 2003â€“2004. Frontiers in Sports and Active Living, 2021, 3, 775398.	0.9	2
52	Healthy Aging and CardiovascularÂFunction. JACC: Heart Failure, 2020, 8, 111-121.	1.9	22
53	Association between body surface area and prescribed doses of guidelineâ€directed medications among international patients with heart failure and reduced ejection fraction. European Journal of Heart Failure, 2020, 22, 754-758.	2.9	4
54	Longer Term Effects of Diet and Exercise on Neurocognition: 1â€Year Followâ€up of the ENLIGHTEN Trial. Journal of the American Geriatrics Society, 2020, 68, 559-568.	1.3	17

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55	Polygenic Score for Î²-Blocker Survival Benefit in European Ancestry Patients With Reduced Ejection Fraction Heart Failure. Circulation: Heart Failure, 2020, 13, e007012.	1.6	18
56	GlycA measured by NMR spectroscopy is associated with disease activity and cardiovascular disease risk in chronic inflammatory diseases. American Journal of Preventive Cardiology, 2020, 4, 100120.	1.3	21
57	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. Cell Reports, 2020, 33, 108375.	2.9	49
58	Evaluating the precision of EBF1 SNP x stress interaction association: sex, race, and age differences in a big harmonized data set of 28,026 participants. Translational Psychiatry, 2020, 10, 351.	2.4	1
59	Metabolic and Neurocognitive Changes Following Lifestyle Modification: Examination of Biomarkers from the ENLIGHTEN Randomized Clinical Trial. Journal of Alzheimer's Disease, 2020, 77, 1793-1803.	1.2	8
60	Skeletal muscle capillary density is related to anaerobic threshold and claudication in peripheral artery disease. Vascular Medicine, 2020, 25, 411-418.	0.8	14
61	Novel plasma biomarkers improve discrimination of metabolic health independent of weight. Scientific Reports, 2020, 10, 21365.	1.6	3
62	Rejuvenation of Neutrophil Functions in Association With Reduced Diabetes Risk Following Ten Weeks of Low-Volume High Intensity Interval Walking in Older Adults With Prediabetes â€“ A Pilot Study. Frontiers in Immunology, 2020, 11, 729.	2.2	23
63	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.	2.0	183
64	Rationale and design of â€œHearts & Parksâ€: study protocol for a pragmatic randomized clinical trial of an integrated clinic-community intervention to treat pediatric obesity. BMC Pediatrics, 2020, 20, 308.	0.7	6
65	Metabolic and physiological effects of high intensity interval training in patients with knee osteoarthritis: A pilot and feasibility study. Osteoarthritis and Cartilage Open, 2020, 2, 100083.	0.9	7
66	Aerobic, Resistance, and Combination Training on Health-Related Quality of Life: The STRRIDE-AT/RT Randomized Trial. Frontiers in Sports and Active Living, 2020, 2, 620300.	0.9	6
67	Accelerated epigenetic age as a biomarker of cardiovascular sensitivity to traffic-related air pollution. Aging, 2020, 12, 24141-24155.	1.4	18
68	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. ELife, 2020, 9, .	2.8	268
69	Age-Related Adverse Inflammatory and Metabolic Changes Begin Early in Adulthood. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 283-289.	1.7	15
70	Plasma MicroRNAs in Established Rheumatoid Arthritis Relate to Adiposity and Altered Plasma and Skeletal Muscle Cytokine and Metabolic Profiles. Frontiers in Immunology, 2019, 10, 1475.	2.2	13
71	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.	5.5	239
72	Plasma lactate as a marker of metabolic health: Implications of elevated lactate for impairment of aerobic metabolism in the metabolic syndrome. Surgery, 2019, 166, 861-866.	1.0	43

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73	Shortâ€Term Changes in Cardiorespiratory Fitness in Response to Exercise Training and the Association with Longâ€Term Cardiorespiratory Fitness Decline: The STRRIDE Reunion Study. Journal of the American Heart Association, 2019, 8, e012876.	1.6	13
74	Impact on cardiometabolic risk of a weight loss intervention with higher protein from lean red meat: Combined results of 2 randomized controlled trials in obese middle-aged and olderÂadults. Journal of Clinical Lipidology, 2019, 13, 920-931.	0.6	10
75	Systolic Blood Pressure and Socioeconomic Status in a large multi-study population. SSM - Population Health, 2019, 9, 100498.	1.3	6
76	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	2.2	38
77	Longevityâ€related molecular pathways are subject to midlife â€œswitchâ€in humans. Aging Cell, 2019, 18, e12970.	3.0	25
78	Effects of Exercise Training With and Without Ranolazine on Peak Oxygen Consumption, Daily Physical Activity, and Quality of Life in Patients With Chronic Stable Angina Pectoris. American Journal of Cardiology, 2019, 124, 655-660.	0.7	6
79	Ten-Year Legacy Effects of Three Eight-Month Exercise Training Programs on Cardiometabolic Health Parameters. Frontiers in Physiology, 2019, 10, 452.	1.3	26
80	Evaluating DNA methylation age on the Illumina MethylationEPIC Bead Chip. PLoS ONE, 2019, 14, e0207834.	1.1	44
81	Modeling the Effect of TNF-Î± upon Drug-Induced Toxicity in Human, Tissue-Engineered Myobundles. Annals of Biomedical Engineering, 2019, 47, 1596-1610.	1.3	6
82	Epigenomeâ€Wide Association Study for Allâ€Cause Mortality in a Cardiovascular Cohort Identifies Differential Methylation in Castor Zinc Finger 1 (CASZ1). Journal of the American Heart Association, 2019, 8, e013228.	1.6	19
83	Thyroid Hormone Status Regulates Skeletal Muscle Response to Chronic Motor Nerve Stimulation. Frontiers in Physiology, 2019, 10, 1363.	1.3	7
84	High-Intensity Interval Training for Cardiometabolic Disease Prevention. Medicine and Science in Sports and Exercise, 2019, 51, 1220-1226.	0.2	119
85	Impact of Age on Comorbidities and Outcomes in HeartÂFailure With ReducedÂEjection Fraction. JACC: Heart Failure, 2019, 7, 1056-1065.	1.9	21
86	The US Physical Activity Guidelines Advisory Committee Reportâ€”Introduction. Medicine and Science in Sports and Exercise, 2019, 51, 1203-1205.	0.2	26
87	Neighborhood Sociodemographic Effects on the Associations Between Long-term PM2.5 Exposure and Cardiovascular Outcomes and Diabetes Mellitus. Environmental Epidemiology, 2019, 3, e038.	1.4	20
88	Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. Medicine and Science in Sports and Exercise, 2019, 51, 1206-1212.	0.2	179
89	Physical Activity to Prevent and Treat Hypertension: A Systematic Review. Medicine and Science in Sports and Exercise, 2019, 51, 1314-1323.	0.2	229
90	Effects of Physical Activity in Knee and Hip Osteoarthritis: A Systematic Umbrella Review. Medicine and Science in Sports and Exercise, 2019, 51, 1324-1339.	0.2	110

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91	Evaluating Individual Level Responses to Exercise for Health Outcomes in Overweight or Obese Adults. Frontiers in Physiology, 2019, 10, 1401.	1.3	8
92	Association between Bout Duration of Physical Activity and Health: Systematic Review. Medicine and Science in Sports and Exercise, 2019, 51, 1213-1219.	0.2	145
93	Physical Activity, All-Cause and Cardiovascular Mortality, and Cardiovascular Disease. Medicine and Science in Sports and Exercise, 2019, 51, 1270-1281.	0.2	311
94	Relationship between changing patientâ€reported outcomes and subsequent clinical events in patients with chronic heart failure: insights from HFâ€ACTION. European Journal of Heart Failure, 2019, 21, 63-70.	2.9	42
95	Lifestyle and neurocognition in older adults with cognitive impairments. Neurology, 2019, 92, e212-e223.	1.5	71
96	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. Environment International, 2019, 122, 193-200.	4.8	83
97	Trends in cardiorespiratory fitness: The evolution of exercise treadmill testing at a single Academic Medical Center from 1970 to 2012. American Heart Journal, 2019, 210, 88-97.	1.2	6
98	High-Density Lipoprotein Particle Subfractions in Heart Failure With Preserved orÂReducedÂEjection Fraction. Journal of the American College of Cardiology, 2019, 73, 177-186.	1.2	37
99	Prevalent digoxin use and subsequent risk of death or hospitalization in ambulatory heart failure patients with a reduced ejection fractionâ€"Findings from the Heart Failure: A Controlled Trial Investigating Outcomes of Exercise Training (HF-ACTION) randomized controlled trial. American Heart Journal, 2018, 199, 97-104.	1.2	9
100	Volume of Light Versus Moderateâ€toâ€Vigorous Physical Activity: Similar Benefits for Allâ€Cause Mortality?. Journal of the American Heart Association, 2018, 7, .	1.6	59
101	Effects of Increasing Exercise Intensity and Dose on Multiple Measures of HDL (High-Density) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	43
102	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.	3.0	65
103	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.	1.2	48
104	Personalized Lifestyle Medicine. , 2018, , 17-26.		2
105	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.	1.7	119
106	Associations Between Residential Proximity to Traffic and Vascular Disease in a Cardiac Catheterization Cohort. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 275-282.	1.1	15
107	Influence of Baseline Physical Activity Level on Exercise Training Response andÂClinical Outcomes in Heart Failure. JACC: Heart Failure, 2018, 6, 1011-1019.	1.9	22
108	Effect of high-intensity interval training on muscle remodeling in rheumatoid arthritis compared to prediabetes. Arthritis Research and Therapy, 2018, 20, 283.	1.6	18

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109	Lack of Association of a Functional Polymorphism in the Serotonin Receptor Gene With Body Mass Index and Depressive Symptoms in a Large Meta-Analysis of Population Based Studies. Frontiers in Genetics, 2018, 9, 423.	1.1	5
110	Short-term effects of fine particulate matter and ozone on the cardiac conduction system in patients undergoing cardiac catheterization. Particle and Fibre Toxicology, 2018, 15, 38.	2.8	26
111	A Genome-Wide Association Study of Idiopathic Dilated Cardiomyopathy in African Americans. Journal of Personalized Medicine, 2018, 8, 11.	1.1	38
112	Multiâ€ethnic comparisons of diabetes in heart failure with reduced ejection fraction: insights from the HFâ€ACTION trial and the ASIANâ€HF registry. European Journal of Heart Failure, 2018, 20, 1281-1289.	2.9	23
113	Effects of aerobic training with and without weight loss on insulin sensitivity and lipids. PLoS ONE, 2018, 13, e0196637.	1.1	30
114	Relations of established aging biomarkers (IL-6, D-dimer, s-VCAM) to glomerular filtration rate and mortality in community-dwelling elderly adults. CKJ: Clinical Kidney Journal, 2018, 11, 377-382.	1.4	4
115	Genetic Variation in Acid Ceramidase Predicts Non-completion of an Exercise Intervention. Frontiers in Physiology, 2018, 9, 781.	1.3	8
116	Effects of regular endurance exercise on GlycA: Combined analysis of 14 exercise interventions. Atherosclerosis, 2018, 277, 1-6.	0.4	12
117	The AMPK/p27Kip1 Axis Regulates Autophagy/Apoptosis Decisions in Aged Skeletal Muscle Stem Cells. Stem Cell Reports, 2018, 11, 425-439.	2.3	66
118	Correction of Biochemical Abnormalities and Improved Muscle Function in a Phase I/II Clinical Trial of Clenbuterol in Pompe Disease. Molecular Therapy, 2018, 26, 2304-2314.	3.7	26
119	Loop diuretic adjustments in patients with chronic heart failure: Insights from HF-ACTION. American Heart Journal, 2018, 205, 133-141.	1.2	13
120	Differences Between Patients Enrolled Early and Late During Clinical Trial Recruitment. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e004643.	0.9	0
121	Beet the Best?. Circulation Research, 2018, 123, 654-659.	2.0	34
122	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. Nucleic Acids Research, 2018, 46, 7772-7792.	6.5	41
123	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.	1.6	98
124	Relationship between baseline physical activity assessed by pedometer count and new-onset diabetes in the NAVIGATOR trial. BMJ Open Diabetes Research and Care, 2018, 6, e000523.	1.2	32
125	Combined Inflammation and Metabolism Biomarker Indices of Robust and Impaired Physical Function in Older Adults. Journal of the American Geriatrics Society, 2018, 66, 1353-1359.	1.3	6
126	Developing a synthetic psychosocial stress measure and harmonizing CVD-risk data: a way forward to GxE meta- and mega-analyses. BMC Research Notes, 2018, 11, 504.	0.6	3

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127	Genome-Wide Association Study Links Receptor Tyrosine Kinase Inhibitor Sprouty 2 to Thrombocytopenia after Coronary Artery Bypass Surgery. Thrombosis and Haemostasis, 2018, 118, 1572-1585.	1.8	0
128	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.	0.7	49
129	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	5.8	99
130	An age- and sex-specific gene expression score is associated with revascularization and coronary artery disease: Insights from the Prospective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE) trial. American Heart Journal, 2017, 184, 133-140.	1.2	13
131	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.	2.2	87
132	Molecular alterations in skeletal muscle in rheumatoid arthritis are related to disease activity, physical inactivity, and disability. Arthritis Research and Therapy, 2017, 19, 12.	1.6	63
133	Does a lack of physical activity explain the rheumatoid arthritis lipid profile?. Lipids in Health and Disease, 2017, 16, 39.	1.2	15
134	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	1.2	214
135	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.	3.0	87
136	Sildenafil Treatment in Heart Failure With Preserved Ejection Fraction. JAMA Cardiology, 2017, 2, 896.	3.0	31
137	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221.	13.9	633
138	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063.	1.2	348
139	Aerobic exercise training and general health status in ambulatory heart failure patients with a reduced ejection fractionâ€"Findings from the Heart Failure and A Controlled Trial Investigating Outcomes of Exercise Training (HF-ACTION)trial. American Heart Journal, 2017, 186, 130-138.	1.2	27
140	Exercise Training in Patients With Chronic Heart Failure and Atrial Fibrillation. Journal of the American College of Cardiology, 2017, 69, 1683-1691.	1.2	45
141	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.	1.5	60
142	Socioeconomic and partner status in chronic heart failure: Relationship to exercise capacity, quality of life, and clinical outcomes. American Heart Journal, 2017, 183, 54-61.	1.2	33
143	Utility of Growth Differentiation Factor-15, AÂMarker of Oxidative Stress and Inflammation, in Chronic Heart Failure. JACC: Heart Failure, 2017, 5, 724-734.	1.9	69
144	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, .	1.6	98

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145	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. Environmental Research, 2017, 159, 16-23.	3.7	63
146	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
147	Plasma acylcarnitines are associated with pulmonary hypertension. Pulmonary Circulation, 2017, 7, 211-218.	0.8	21
148	Effects of Two Years of Calorie Restriction on Aerobic Capacity and Muscle Strength. Medicine and Science in Sports and Exercise, 2017, 49, 2240-2249.	0.2	39
149	Apolipoprotein L1 Genetic Variants Are Associated with Chronic Kidney Disease but Not with Cardiovascular Disease in a Population Referred for Cardiac Catheterization. CardioRenal Medicine, 2017, 7, 96-103.	0.7	8
150	Rheumatoid arthritis complicates noninvasive whole blood gene expression testing for coronary artery disease. American Heart Journal, 2017, 192, 13-18.	1.2	4
151	Multinational and multiethnic variations in health-related quality of life in patients with chronic heart failure. American Heart Journal, 2017, 191, 75-81.	1.2	31
152	Exercise Training as Treatment of Nonalcoholic Fatty Liver Disease. Journal of Functional Morphology and Kinesiology, 2017, 2, 35.	1.1	10
153	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.	1.5	78
154	Association of the Composite Inflammatory Biomarker GlycA, with Exercise-Induced Changes in Body Habitus in Men and Women with Prediabetes. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	22
155	Ozone exposure is associated with acute changes in inflammation, fibrinolysis, and endothelial cell function in coronary artery disease patients. Environmental Health, 2017, 16, 126.	1.7	67
156	A genome-wide trans-ethnic interaction study links the PIGR-FCAMR locus to coronary atherosclerosis via interactions between genetic variants and residential exposure to traffic. PLoS ONE, 2017, 12, e0173880.	1.1	21
157	Combined Dietary Nitrate and Exercise Intervention in Peripheral Artery Disease: Protocol Rationale and Design. JMIR Research Protocols, 2017, 6, e139.	0.5	7
158	Abstract 21108: Early Evidence That the Female Genome Does Matter for Acute Coronary Syndrome Risk. Circulation, 2017, 136, .	1.6	0
159	Genetic Variants in the Bone Morphogenic Protein Gene Family Modify the Association between Residential Exposure to Traffic and Peripheral Arterial Disease. PLoS ONE, 2016, 11, e0152670.	1.1	23
160	Case-Only Survival Analysis Reveals Unique Effects of Genotype, Sex, and Coronary Disease Severity on Survivorship. PLoS ONE, 2016, 11, e0154856.	1.1	6
161	Statins and Exercise Training Response inÂHeart Failure Patients. JACC: Heart Failure, 2016, 4, 617-624.	1.9	9
162	Deaths in triathletes: immersion pulmonary oedema as a possible cause. BMJ Open Sport and Exercise Medicine, 2016, 2, e000146.	1.4	33

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163	Application of the marginal structural model to account for suboptimal adherence in a randomized controlled trial. Contemporary Clinical Trials Communications, 2016, 4, 222-228.	0.5	14
164	Metabolic Dysfunction in Heart Failure: Diagnostic, Prognostic, and Pathophysiologic Insights From Metabolomic Profiling. Current Heart Failure Reports, 2016, 13, 119-131.	1.3	83
165	Enhancing Cardiac Rehabilitation With Stress Management Training. Circulation, 2016, 133, 1341-1350.	1.6	182
166	Treatment of anxiety in patients with coronary heart disease: Rationale and design of the UNderstanding the benefits of exercise and escitalopram in anxious patients WIth coroNary heart Disease (UNWIND) randomized clinical trial. American Heart Journal, 2016, 176, 53-62.	1.2	26
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