

# William E. Kraus

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Associations between neighborhood socioeconomic cluster and hypertension, diabetes, myocardial infarction, and coronary artery disease within a cohort of cardiac catheterization patients. <i>American Heart Journal</i> , 2022, 243, 201-209.	2.7	7
2	Tissue engineered skeletal muscle model of rheumatoid arthritis using human primary skeletal muscle cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 128-139.	2.7	6
3	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. <i>Nature Communications</i> , 2022, 13, 99.	12.8	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. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002584.	2.8	1
5	Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIE, a multicentre, phase 2, randomised controlled trial. <i>EClinicalMedicine</i> , 2022, 43, 101261.	7.1	26
6	A human-based multi-gene signature enables quantitative drug repurposing for metabolic disease. <i>ELife</i> , 2022, 11, .	6.0	9
7	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. <i>Lancet Public Health</i> , The, 2022, 7, e219-e228.	10.0	189
8	Cerebrovascular Function, Vascular Risk, and Lifestyle Patterns in Resistant Hypertension. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-13.	2.6	4
9	Challenges in defining successful adherence to calorie restriction goals in humans: Results from CALERIE, a 2. <i>Experimental Gerontology</i> , 2022, 162, 111757.	2.8	4
10	Field-Based Assessments of Behavioral Patterns During Shiftwork in Police Academy Trainees Using Wearable Technology. <i>Journal of Biological Rhythms</i> , 2022, 37, 260-271.	2.6	7
11	OUP accepted manuscript. <i>Cardiovascular Research</i> , 2022, , .	3.8	1
12	ACSM-AMSSM Call to Action: Adapting Preparticipation Cardiovascular Screening to the COVID-19 Pandemic. <i>Current Sports Medicine Reports</i> , 2022, 21, 159-162.	1.2	2
13	Rheumatoid arthritis T cell and muscle oxidative metabolism associate with exercise-induced changes in cardiorespiratory fitness. <i>Scientific Reports</i> , 2022, 12, 7450.	3.3	9
14	Health coaching and genetic risk testing in primary care: Randomized controlled trial. <i>Health Psychology</i> , 2022, 41, 719-732.	1.6	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. <i>American Heart Journal</i> , 2022, 251, 91-100.	2.7	3
16	Sex-dimorphic gene effects on survival outcomes in people with coronary artery disease. <i>American Heart Journal Plus</i> , 2022, 17, 100152.	0.6	1
17	Differential Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Sensitivity and Glucose Homeostasis: A Narrative Review. <i>Sports Medicine - Open</i> , 2022, 8, .	3.1	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. <i>Environmental Research</i> , 2022, 214, 113768.	7.5	3

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19	A Role for Exercise to Counter Skeletal Muscle Clock Disruption. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 35-41.	3.0	8
20	Effect of 2 Years of calorie restriction on liver biomarkers: results from the CALERIE phase 2 randomized controlled trial. <i>European Journal of Nutrition</i> , 2021, 60, 1633-1643.	3.9	13
21	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. <i>Nutrition Reviews</i> , 2021, 79, 98-113.	5.8	48
22	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	6.5	62
23	Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Resistance and Type 2 Diabetes Risk in the STRRIDE Randomized Trials. <i>Frontiers in Physiology</i> , 2021, 12, 626142.	2.8	11
24	Greater Pain Severity Is Associated with Worse Outcomes in Patients with Heart Failure. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 984-991.	2.4	2
25	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 919-933.	2.2	113
26	Exercise protects against cardiac and skeletal muscle dysfunction in a mouse model of inflammatory arthritis. <i>Journal of Applied Physiology</i> , 2021, 130, 853-864.	2.5	4
27	Beta-blocker and ACE-inhibitor dosing as a function of body surface area: From the HF-ACTION trial. <i>American Heart Journal</i> , 2021, 233, 1-4.	2.7	1
28	Exploring Differences in Cardiorespiratory Fitness Response Rates Across Varying Doses of Exercise Training: A Retrospective Analysis of Eight Randomized Controlled Trials. <i>Sports Medicine</i> , 2021, 51, 1785-1797.	6.5	19
29	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , 2021, 13, 74.	8.2	20
30	Aerobic Versus Resistance Training Effects on Ventricular-Arterial Coupling and Vascular Function in the STRRIDE-AT/RT Trial. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 638929.	2.4	4
31	Association between short-term exposure to ambient fine particulate matter and myocardial injury in the CATHGEN cohort. <i>Environmental Pollution</i> , 2021, 275, 116663.	7.5	15
32	Increasing physical activity in Cancer Survivors through a Text-messaging Exercise motivation Program (ICanSTEP). <i>Supportive Care in Cancer</i> , 2021, 29, 7339-7349.	2.2	5
33	Metabolomic profiling identifies complex lipid species and amino acid analogues associated with response to weight loss interventions. <i>PLoS ONE</i> , 2021, 16, e0240764.	2.5	9
34	Evaluation of PM2.5 air pollution sources and cardiovascular health. <i>Environmental Epidemiology</i> , 2021, 5, e157.	3.0	11
35	Genome-Wide Variants Associated With Longitudinal Survival Outcomes Among Individuals With Coronary Artery Disease. <i>Frontiers in Genetics</i> , 2021, 12, 661497.	2.3	3
36	A template for physical resilience research in older adults: Methods of the PRIME-KNEE study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3232-3241.	2.6	13

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37	Sequencing of 640,000 exomes identifies <i>GPR75</i> variants associated with protection from obesity. <i>Science</i> , 2021, 373, .	12.6	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. <i>Arthritis Research and Therapy</i> , 2021, 23, 187.	3.5	11
39	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	3.9	63
40	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	12.6	234
41	Branched-Chain Amino Acid Catabolism and Cardiopulmonary Function Following Acute Maximal Exercise Testing in Adolescents. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 721354.	2.4	4
42	Circulating long chain acylcarnitines and outcomes in diabetic heart failure: an HF-ACTION clinical trial substudy. <i>Cardiovascular Diabetology</i> , 2021, 20, 161.	6.8	8
43	Effect of Exercise, Escitalopram, or Placebo on Anxiety in Patients With Coronary Heart Disease. <i>JAMA Psychiatry</i> , 2021, 78, 1270.	11.0	22
44	Increasing the Availability of Automated External Defibrillators at Sporting Events: A Call to Action from the American College of Sports Medicine. <i>Current Sports Medicine Reports</i> , 2021, 20, 418-419.	1.2	0
45	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1583-1589.	4.7	22
46	Effects of Lifestyle Modification on Patients With Resistant Hypertension: Results of the TRIUMPH Randomized Clinical Trial. <i>Circulation</i> , 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. <i>Journal of Cardiac Failure</i> , 2021, 27, 942-948.	1.7	0
48	Rapid report on using data to make standardized decisions about enrollment during the COVID-19 pandemic: perspectives from the MoTrPAC study. <i>Annals of Epidemiology</i> , 2021, 62, 19-21.	1.9	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. <i>Experimental Gerontology</i> , 2021, 155, 111555.	2.8	3
50	Making Cardiopulmonary Exercise Testing Interpretable for Clinicians. <i>Current Sports Medicine Reports</i> , 2021, 20, 545-552.	1.2	5
51	The Relation of Accelerometer-Measured Physical Activity and Serum Uric Acid Using the National Health and Nutrition Survey (NHANES) 2003â€“2004. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 775398.	1.8	2
52	Healthy Aging and Cardiovascularâ€“Function. <i>JACC: Heart Failure</i> , 2020, 8, 111-121.	4.1	22
53	Association between body surface area and prescribed doses of guidelineâ€“directed medications among international patients with heart failure and reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2020, 22, 754-758.	7.1	4
54	Longer Term Effects of Diet and Exercise on Neurocognition: 1â€“Year Followâ€“up of the ENLIGHTEN Trial. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 559-568.	2.6	17

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55	Polygenic Score for $\beta$ -Blocker Survival Benefit in European Ancestry Patients With Reduced Ejection Fraction Heart Failure. <i>Circulation: Heart Failure</i> , 2020, 13, e007012.	3.9	18
56	GlycA measured by NMR spectroscopy is associated with disease activity and cardiovascular disease risk in chronic inflammatory diseases. <i>American Journal of Preventive Cardiology</i> , 2020, 4, 100120.	3.0	21
57	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. <i>Cell Reports</i> , 2020, 33, 108375.	6.4	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. <i>Translational Psychiatry</i> , 2020, 10, 351.	4.8	1
59	Metabolic and Neurocognitive Changes Following Lifestyle Modification: Examination of Biomarkers from the ENLIGHTEN Randomized Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1793-1803.	2.6	8
60	Skeletal muscle capillary density is related to anaerobic threshold and claudication in peripheral artery disease. <i>Vascular Medicine</i> , 2020, 25, 411-418.	1.5	14
61	Novel plasma biomarkers improve discrimination of metabolic health independent of weight. <i>Scientific Reports</i> , 2020, 10, 21365.	3.3	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 – A Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 729.	4.8	23
63	Systematic review of the prospective association of daily step counts with risk of mortality, cardiovascular disease, and dysglycemia. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 78.	4.6	183
64	Rationale and design of “Hearts & Parks” study protocol for a pragmatic randomized clinical trial of an integrated clinic-community intervention to treat pediatric obesity. <i>BMC Pediatrics</i> , 2020, 20, 308.	1.7	6
65	Metabolic and physiological effects of high intensity interval training in patients with knee osteoarthritis: A pilot and feasibility study. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100083.	2.0	7
66	Aerobic, Resistance, and Combination Training on Health-Related Quality of Life: The STRRIDE-AT/RT Randomized Trial. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 620300.	1.8	6
67	Accelerated epigenetic age as a biomarker of cardiovascular sensitivity to traffic-related air pollution. <i>Aging</i> , 2020, 12, 24141-24155.	3.1	18
68	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. <i>ELife</i> , 2020, 9, .	6.0	268
69	Age-Related Adverse Inflammatory and Metabolic Changes Begin Early in Adulthood. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 283-289.	3.6	15
70	Plasma MicroRNAs in Established Rheumatoid Arthritis Relate to Adiposity and Altered Plasma and Skeletal Muscle Cytokine and Metabolic Profiles. <i>Frontiers in Immunology</i> , 2019, 10, 1475.	4.8	13
71	2 years of calorie restriction and cardiometabolic risk (CALERIE): exploratory outcomes of a multicentre, phase 2, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 673-683.	11.4	239
72	Plasma lactate as a marker of metabolic health: Implications of elevated lactate for impairment of aerobic metabolism in the metabolic syndrome. <i>Surgery</i> , 2019, 166, 861-866.	1.9	43

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73	Short-Term Changes in Cardiorespiratory Fitness in Response to Exercise Training and the Association with Long-Term Cardiorespiratory Fitness Decline: The STRRIDE Reunion Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012876.	3.7	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 older adults. <i>Journal of Clinical Lipidology</i> , 2019, 13, 920-931.	1.5	10
75	Systolic Blood Pressure and Socioeconomic Status in a large multi-study population. <i>SSM - Population Health</i> , 2019, 9, 100498.	2.7	6
76	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	4.7	38
77	Longevity-related molecular pathways are subject to midlife "switch" in humans. <i>Aging Cell</i> , 2019, 18, e12970.	6.7	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. <i>American Journal of Cardiology</i> , 2019, 124, 655-660.	1.6	6
79	Ten-Year Legacy Effects of Three Eight-Month Exercise Training Programs on Cardiometabolic Health Parameters. <i>Frontiers in Physiology</i> , 2019, 10, 452.	2.8	26
80	Evaluating DNA methylation age on the Illumina MethylationEPIC Bead Chip. <i>PLoS ONE</i> , 2019, 14, e0207834.	2.5	44
81	Modeling the Effect of TNF- $\alpha$ upon Drug-Induced Toxicity in Human, Tissue-Engineered Myobundles. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1596-1610.	2.5	6
82	Epigenome-Wide Association Study for All-Cause Mortality in a Cardiovascular Cohort Identifies Differential Methylation in Castor Zinc Finger 1 ( <i>CASZ1</i> ). <i>Journal of the American Heart Association</i> , 2019, 8, e013228.	3.7	19
83	Thyroid Hormone Status Regulates Skeletal Muscle Response to Chronic Motor Nerve Stimulation. <i>Frontiers in Physiology</i> , 2019, 10, 1363.	2.8	7
84	High-Intensity Interval Training for Cardiometabolic Disease Prevention. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1220-1226.	0.4	119
85	Impact of Age on Comorbidities and Outcomes in Heart Failure With Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2019, 7, 1056-1065.	4.1	21
86	The US Physical Activity Guidelines Advisory Committee Report "Introduction. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1203-1205.	0.4	26
87	Neighborhood Sociodemographic Effects on the Associations Between Long-term PM2.5 Exposure and Cardiovascular Outcomes and Diabetes Mellitus. <i>Environmental Epidemiology</i> , 2019, 3, e038.	3.0	20
88	Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1206-1212.	0.4	179
89	Physical Activity to Prevent and Treat Hypertension: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1314-1323.	0.4	229
90	Effects of Physical Activity in Knee and Hip Osteoarthritis: A Systematic Umbrella Review. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1324-1339.	0.4	110

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91	Evaluating Individual Level Responses to Exercise for Health Outcomes in Overweight or Obese Adults. <i>Frontiers in Physiology</i> , 2019, 10, 1401.	2.8	8
92	Association between Bout Duration of Physical Activity and Health: Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1213-1219.	0.4	145
93	Physical Activity, All-Cause and Cardiovascular Mortality, and Cardiovascular Disease. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1270-1281.	0.4	311
94	Relationship between changing patient-reported outcomes and subsequent clinical events in patients with chronic heart failure: insights from HF-ACTION. <i>European Journal of Heart Failure</i> , 2019, 21, 63-70.	7.1	42
95	Lifestyle and neurocognition in older adults with cognitive impairments. <i>Neurology</i> , 2019, 92, e212-e223.	1.1	71
96	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. <i>Environment International</i> , 2019, 122, 193-200.	10.0	83
97	Trends in cardiorespiratory fitness: The evolution of exercise treadmill testing at a single Academic Medical Center from 1970 to 2012. <i>American Heart Journal</i> , 2019, 210, 88-97.	2.7	6
98	High-Density Lipoprotein Particle Subfractions in Heart Failure With Preserved or Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2019, 73, 177-186.	2.8	37
99	Prevalent digoxin use and subsequent risk of death or hospitalization in ambulatory heart failure patients with a reduced ejection fraction—Findings from the Heart Failure: A Controlled Trial Investigating Outcomes of Exercise Training (HF-ACTION) randomized controlled trial. <i>American Heart Journal</i> , 2018, 199, 97-104.	2.7	9
100	Volume of Light Versus Moderate-to-Vigorous Physical Activity: Similar Benefits for All-Cause Mortality?. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	59
101	Effects of Increasing Exercise Intensity and Dose on Multiple Measures of HDL (High-Density) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.4	43
102	Effects of 2 years of caloric restriction on oxidative status assessed by urinary F2-isoprostanes: The CALERIE 2 randomized clinical trial. <i>Aging Cell</i> , 2018, 17, e12719.	6.7	65
103	Effects of a 12-week mHealth program on peak VO2 and physical activity patterns after completing cardiac rehabilitation: A randomized controlled trial. <i>American Heart Journal</i> , 2018, 199, 105-114.	2.7	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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 4-10.	3.6	119
106	Associations Between Residential Proximity to Traffic and Vascular Disease in a Cardiac Catheterization Cohort. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 275-282.	2.4	15
107	Influence of Baseline Physical Activity Level on Exercise Training Response and Clinical Outcomes in Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 1011-1019.	4.1	22
108	Effect of high-intensity interval training on muscle remodeling in rheumatoid arthritis compared to prediabetes. <i>Arthritis Research and Therapy</i> , 2018, 20, 283.	3.5	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. <i>Frontiers in Genetics</i> , 2018, 9, 423.	2.3	5
110	Short-term effects of fine particulate matter and ozone on the cardiac conduction system in patients undergoing cardiac catheterization. <i>Particle and Fibre Toxicology</i> , 2018, 15, 38.	6.2	26
111	A Genome-Wide Association Study of Idiopathic Dilated Cardiomyopathy in African Americans. <i>Journal of Personalized Medicine</i> , 2018, 8, 11.	2.5	38
112	Multi-ethnic comparisons of diabetes in heart failure with reduced ejection fraction: insights from the HF-ACTION trial and the ASIAN-HF registry. <i>European Journal of Heart Failure</i> , 2018, 20, 1281-1289.	7.1	23
113	Effects of aerobic training with and without weight loss on insulin sensitivity and lipids. <i>PLoS ONE</i> , 2018, 13, e0196637.	2.5	30
114	Relations of established aging biomarkers (IL-6, D-dimer, s-VCAM) to glomerular filtration rate and mortality in community-dwelling elderly adults. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 377-382.	2.9	4
115	Genetic Variation in Acid Ceramidase Predicts Non-completion of an Exercise Intervention. <i>Frontiers in Physiology</i> , 2018, 9, 781.	2.8	8
116	Effects of regular endurance exercise on GlycA: Combined analysis of 14 exercise interventions. <i>Atherosclerosis</i> , 2018, 277, 1-6.	0.8	12
117	The AMPK/p27Kip1 Axis Regulates Autophagy/Apoptosis Decisions in Aged Skeletal Muscle Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 425-439.	4.8	66
118	Correction of Biochemical Abnormalities and Improved Muscle Function in a Phase I/II Clinical Trial of Clenbuterol in Pompe Disease. <i>Molecular Therapy</i> , 2018, 26, 2304-2314.	8.2	26
119	Loop diuretic adjustments in patients with chronic heart failure: Insights from HF-ACTION. <i>American Heart Journal</i> , 2018, 205, 133-141.	2.7	13
120	Differences Between Patients Enrolled Early and Late During Clinical Trial Recruitment. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004643.	2.2	0
121	Beet the Best?. <i>Circulation Research</i> , 2018, 123, 654-659.	4.5	34
122	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. <i>Nucleic Acids Research</i> , 2018, 46, 7772-7792.	14.5	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. <i>Arthritis Research and Therapy</i> , 2018, 20, 127.	3.5	98
124	Relationship between baseline physical activity assessed by pedometer count and new-onset diabetes in the NAVIGATOR trial. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000523.	2.8	32
125	Combined Inflammation and Metabolism Biomarker Indices of Robust and Impaired Physical Function in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1353-1359.	2.6	6
126	Developing a synthetic psychosocial stress measure and harmonizing CVD-risk data: a way forward to GxE meta- and mega-analyses. <i>BMC Research Notes</i> , 2018, 11, 504.	1.4	3



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127	Genome-Wide Association Study Links Receptor Tyrosine Kinase Inhibitor Sprouty 2 to Thrombocytopenia after Coronary Artery Bypass Surgery. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1572-1585.	3.4	0
128	Effects of a 12-Week mHealth Program on Functional Capacity and Physical Activity in Patients With Peripheral Artery Disease. <i>American Journal of Cardiology</i> , 2018, 122, 879-884.	1.6	49
129	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. <i>Nature Communications</i> , 2018, 9, 2252.	12.8	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. <i>American Heart Journal</i> , 2017, 184, 133-140.	2.7	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. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 913-927.	4.7	87
132	Molecular alterations in skeletal muscle in rheumatoid arthritis are related to disease activity, physical inactivity, and disability. <i>Arthritis Research and Therapy</i> , 2017, 19, 12.	3.5	63
133	Does a lack of physical activity explain the rheumatoid arthritis lipid profile?. <i>Lipids in Health and Disease</i> , 2017, 16, 39.	3.0	15
134	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 823-836.	2.8	214
135	Impact of early personal history characteristics on the Pace of Aging: implications for clinical trials of therapies to slow aging and extend healthspan. <i>Aging Cell</i> , 2017, 16, 644-651.	6.7	87
136	Sildenafil Treatment in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2017, 2, 896.	6.1	31
137	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2017, 377, 211-221.	27.0	633
138	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2054-2063.	2.8	348
139	Aerobic exercise training and general health status in ambulatory heart failure patients with a reduced ejection fraction—Findings from the Heart Failure and A Controlled Trial Investigating Outcomes of Exercise Training (HF-ACTION) trial. <i>American Heart Journal</i> , 2017, 186, 130-138.	2.7	27
140	Exercise Training in Patients With Chronic Heart Failure and Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1683-1691.	2.8	45
141	A Novel Protein Glycan—Derived Inflammation Biomarker Independently Predicts Cardiovascular Disease and Modifies the Association of HDL Subclasses with Mortality. <i>Clinical Chemistry</i> , 2017, 63, 288-296.	3.2	60
142	Socioeconomic and partner status in chronic heart failure: Relationship to exercise capacity, quality of life, and clinical outcomes. <i>American Heart Journal</i> , 2017, 183, 54-61.	2.7	33
143	Utility of Growth Differentiation Factor-15, A Marker of Oxidative Stress and Inflammation, in Chronic Heart Failure. <i>JACC: Heart Failure</i> , 2017, 5, 724-734.	4.1	69
144	Atherogenic Lipoprotein Determinants of Cardiovascular Disease and Residual Risk Among Individuals With Low Low-Density Lipoprotein Cholesterol. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	98

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145	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. <i>Environmental Research</i> , 2017, 159, 16-23.	7.5	63
146	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
147	Plasma acylcarnitines are associated with pulmonary hypertension. <i>Pulmonary Circulation</i> , 2017, 7, 211-218.	1.7	21
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