

# George A Kelley

## List of Publications by Citations

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115  
papers

5,420  
citations

41  
h-index

73  
g-index

134  
ext. papers

6,259  
ext. citations

3  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
115	American College of Sports Medicine position stand. Exercise and hypertension. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 533-53	1.2	1093
114	Progressive resistance exercise and resting blood pressure : A meta-analysis of randomized controlled trials. <i>Hypertension</i> , <b>2000</b> , 35, 838-43	8.5	365
113	Association of Age-Related Hearing Loss With Cognitive Function, Cognitive Impairment, and Dementia: A Systematic Review and Meta-analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2018</b> , 144, 115-126	3.9	307
112	Childhood obesity and adult cardiovascular disease risk factors: a systematic review with meta-analysis. <i>BMC Public Health</i> , <b>2017</b> , 17, 683	4.1	198
111	Impact of progressive resistance training on lipids and lipoproteins in adults: a meta-analysis of randomized controlled trials. <i>Preventive Medicine</i> , <b>2009</b> , 48, 9-19	4.3	148
110	Aerobic exercise and lipids and lipoproteins in women: a meta-analysis of randomized controlled trials. <i>Journal of Women's Health</i> , <b>2004</b> , 13, 1148-64	3	115
109	Aerobic exercise, lipids and lipoproteins in overweight and obese adults: a meta-analysis of randomized controlled trials. <i>International Journal of Obesity</i> , <b>2005</b> , 29, 881-93	5.5	112
108	Exercise and bone mineral density in men: a meta-analysis. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 1730-6	5.7	109
107	Resistance training and bone mineral density in women: a meta-analysis of controlled trials. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2001</b> , 80, 65-77	2.6	105
106	Statistical models for meta-analysis: A brief tutorial. <i>World Journal of Methodology</i> , <b>2012</b> , 2, 27-32	1.2	102
105	Effects of aerobic exercise on lipids and lipoproteins in adults with type 2 diabetes: a meta-analysis of randomized-controlled trials. <i>Public Health</i> , <b>2007</b> , 121, 643-55	4	100
104	Walking, lipids, and lipoproteins: a meta-analysis of randomized controlled trials. <i>Preventive Medicine</i> , <b>2004</b> , 38, 651-61	4.3	100
103	Exercise and sleep: a systematic review of previous meta-analyses. <i>Journal of Evidence-Based Medicine</i> , <b>2017</b> , 10, 26-36	3.9	98
102	Effects of aerobic exercise on C-reactive protein, body composition, and maximum oxygen consumption in adults: a meta-analysis of randomized controlled trials. <i>Metabolism: Clinical and Experimental</i> , <b>2006</b> , 55, 1500-7	12.7	91
101	Effects of ground and joint reaction force exercise on lumbar spine and femoral neck bone mineral density in postmenopausal women: a meta-analysis of randomized controlled trials. <i>BMC Musculoskeletal Disorders</i> , <b>2012</b> , 13, 177	2.8	89
100	Comparison of aerobic exercise, diet or both on lipids and lipoproteins in adults: a meta-analysis of randomized controlled trials. <i>Clinical Nutrition</i> , <b>2012</b> , 31, 156-67	5.9	86
99	Aerobic exercise and bone density at the hip in postmenopausal women: a meta-analysis. <i>Preventive Medicine</i> , <b>1998</b> , 27, 798-807	4.3	84

98	Walking and resting blood pressure in adults: A Meta-analysis. <i>Preventive Medicine</i> , <b>2001</b> , 33, 120-127	4.3	83
97	Meditative Movement Therapies and Health-Related Quality-of-Life in Adults: A Systematic Review of Meta-Analyses. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129181	3.7	77
96	Effects of community-deliverable exercise on pain and physical function in adults with arthritis and other rheumatic diseases: a meta-analysis. <i>Arthritis Care and Research</i> , <b>2011</b> , 63, 79-93	4.7	74
95	EXERCISE AND REGIONAL BONE MINERAL DENSITY IN POSTMENOPAUSAL WOMEN. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>1998</b> , 77, 76-87	2.6	73
94	Exercise, lipids, and lipoproteins in older adults: a meta-analysis. <i>Preventive Cardiology</i> , <b>2005</b> , 8, 206-14		69
93	Aerobic exercise and lipids and lipoproteins in men: a meta-analysis of randomized controlled trials. <i>The Journal of Men's Health &amp; Gender: the Official Journal of the International Society for Men's Health &amp; Gender</i> , <b>2006</b> , 3, 61-70		67
92	Isometric handgrip exercise and resting blood pressure: a meta-analysis of randomized controlled trials. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 411-8	1.9	66
91	Aerobic exercise and HDL2-C: a meta-analysis of randomized controlled trials. <i>Atherosclerosis</i> , <b>2006</b> , 184, 207-15	3.1	66
90	Aerobic exercise and lipids and lipoproteins in patients with cardiovascular disease: a meta-analysis of randomized controlled trials. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2006</b> , 26, 131-9; quiz 140-1, discussion 142-4		66
89	Metabolic syndrome is associated with increased breast cancer risk: a systematic review with meta-analysis. <i>International Journal of Breast Cancer</i> , <b>2014</b> , 2014, 189384	2.3	65
88	Aerobic exercise and lipids and lipoproteins in children and adolescents: a meta-analysis of randomized controlled trials. <i>Atherosclerosis</i> , <b>2007</b> , 191, 447-53	3.1	64
87	Exercise and lumbar spine bone mineral density in postmenopausal women: a meta-analysis of individual patient data. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2002</b> , 57, M599-604	6.4	62
86	Aerobic exercise and lumbar spine bone mineral density in postmenopausal women: a meta-analysis. <i>Journal of the American Geriatrics Society</i> , <b>1998</b> , 46, 143-52	5.6	58
85	Medication use and the risk of motor vehicle collisions among licensed drivers: A systematic review. <i>Accident Analysis and Prevention</i> , <b>2016</b> , 96, 255-270	6.1	57
84	Impact of progressive resistance training on lipids and lipoproteins in adults: another look at a meta-analysis using prediction intervals. <i>Preventive Medicine</i> , <b>2009</b> , 49, 473-5	4.3	56
83	Exercise and bone mineral density at the femoral neck in postmenopausal women: a meta-analysis of controlled clinical trials with individual patient data. <i>American Journal of Obstetrics and Gynecology</i> , <b>2006</b> , 194, 760-7	6.4	56
82	Efficacy of resistance exercise on lumbar spine and femoral neck bone mineral density in premenopausal women: a meta-analysis of individual patient data. <i>Journal of Women's Health</i> , <b>2004</b> , 13, 293-300	3	52
81	Antidepressant use and new-onset diabetes: a systematic review and meta-analysis. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2013</b> , 29, 273-84	7.5	51

80	Effects of exercise in the treatment of overweight and obese children and adolescents: a systematic review of meta-analyses. <i>Journal of Obesity</i> , <b>2013</b> , 2013, 783103	3.7	51
79	Exercise and bone mineral density in premenopausal women: a meta-analysis of randomized controlled trials. <i>International Journal of Endocrinology</i> , <b>2013</b> , 2013, 741639	2.7	50
78	Exercise and bone mineral density in men: a meta-analysis of randomized controlled trials. <i>Bone</i> , <b>2013</b> , 53, 103-11	4.7	46
77	Effects of exercise on depression in adults with arthritis: a systematic review with meta-analysis of randomized controlled trials. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 21	5.7	45
76	Erratum to Exercise and Bone Mineral Density in Premenopausal Women: A Meta-Analysis of Randomized Controlled Trials <i>International Journal of Endocrinology</i> , <b>2013</b> , 2013, 1-1	2.7	41
75	Efficacy of aerobic exercise on coronary heart disease risk factors. <i>Preventive Cardiology</i> , <b>2008</b> , 11, 71-5		41
74	Is sarcopenia associated with an increased risk of all-cause mortality and functional disability?. <i>Experimental Gerontology</i> , <b>2017</b> , 96, 100-103	4.5	39
73	Exercise and global well-being in community-dwelling adults with fibromyalgia: a systematic review with meta-analysis. <i>BMC Public Health</i> , <b>2010</b> , 10, 198	4.1	39
72	Exercise and cancer-related fatigue in adults: a systematic review of previous systematic reviews with meta-analyses. <i>BMC Cancer</i> , <b>2017</b> , 17, 693	4.8	38
71	Effects of exercise on BMI z-score in overweight and obese children and adolescents: a systematic review with meta-analysis. <i>BMC Pediatrics</i> , <b>2014</b> , 14, 225	2.6	38
70	Efficacy of aerobic exercise and a prudent diet for improving selected lipids and lipoproteins in adults: a meta-analysis of randomized controlled trials. <i>BMC Medicine</i> , <b>2011</b> , 9, 74	11.4	38
69	Exercise and BMI in Overweight and Obese Children and Adolescents: A Systematic Review and Trial Sequential Meta-Analysis. <i>BioMed Research International</i> , <b>2015</b> , 2015, 704539	3	35
68	Dropouts and compliance in exercise interventions targeting bone mineral density in adults: a meta-analysis of randomized controlled trials. <i>Journal of Osteoporosis</i> , <b>2013</b> , 2013, 250423	2.8	33
67	Walking and Non-HDL-C in adults: a meta-analysis of randomized controlled trials. <i>Preventive Cardiology</i> , <b>2005</b> , 8, 102-7		28
66	Needle exchange programs for the prevention of hepatitis C virus infection in people who inject drugs: a systematic review with meta-analysis. <i>Harm Reduction Journal</i> , <b>2017</b> , 14, 25	4.6	27
65	Exercise and BMI z-score in Overweight and Obese Children and Adolescents: A Systematic Review and Network Meta-Analysis of Randomized Trials. <i>Journal of Evidence-Based Medicine</i> , <b>2017</b> , 10, 108-128 <sup>3.9</sup>		27
64	Guided Imagery for Arthritis and Other Rheumatic Diseases: A Systematic Review of Randomized Controlled Trials. <i>Pain Management Nursing</i> , <b>2015</b> , 16, 792-803	2.5	27
63	Effects of aerobic exercise on non-high-density lipoprotein cholesterol in children and adolescents: a meta-analysis of randomized controlled trials. <i>Progress in Cardiovascular Nursing</i> , <b>2008</b> , 23, 128-32		27

62	Effects of exercise on depressive symptoms in adults with arthritis and other rheumatic disease: a systematic review of meta-analyses. <i>BMC Musculoskeletal Disorders</i> , <b>2014</b> , 15, 121	2.8	21
61	Efficacy and effectiveness of exercise on tender points in adults with fibromyalgia: a meta-analysis of randomized controlled trials. <i>Arthritis</i> , <b>2011</b> , 2011, 125485		18
60	Retrieval of missing data for meta-analysis: a practical example. <i>International Journal of Technology Assessment in Health Care</i> , <b>2004</b> , 20, 296-9	1.8	17
59	Community-deliverable exercise and anxiety in adults with arthritis and other rheumatic diseases: a systematic review with meta-analysis of randomised controlled trials. <i>BMJ Open</i> , <b>2018</b> , 8, e019138	3	17
58	Exercise Reduces Depressive Symptoms in Adults with Arthritis. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 607	1.2	16
57	Combined effects of aerobic exercise and diet on lipids and lipoproteins in overweight and obese adults: a meta-analysis. <i>Journal of Obesity</i> , <b>2012</b> , 2012, 985902	3.7	16
56	Exercise and adiposity in overweight and obese children and adolescents: a systematic review with network meta-analysis of randomised trials. <i>BMJ Open</i> , <b>2019</b> , 9, e031220	3	15
55	The association of hyperglycemia and diabetes mellitus and the risk of chemotherapy-induced neutropenia among cancer patients: A systematic review with meta-analysis. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 267-272	3.2	14
54	Effects of Diet, Aerobic Exercise, or Both on Non-HDL-C in Adults: A Meta-Analysis of Randomized Controlled Trials. <i>Cholesterol</i> , <b>2012</b> , 2012, 840935		12
53	Systematic reviews and meta-analysis in nutrition research. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 1279-1294	3.2	11
52	Health-related quality of life in patients receiving long-term opioid therapy: a systematic review with meta-analysis. <i>Quality of Life Research</i> , <b>2017</b> , 26, 1955-1967	3.7	10
51	Aerobic Exercise and Fatigue in Rheumatoid Arthritis Participants: A Meta-Analysis Using the Minimal Important Difference Approach. <i>Arthritis Care and Research</i> , <b>2018</b> , 70, 1735-1739	4.7	9
50	Systematic reviews and cancer research: a suggested stepwise approach. <i>BMC Cancer</i> , <b>2018</b> , 18, 246	4.8	7
49	A Scoping Review of Health Outcomes Examined in Randomized Controlled Trials Using Guided Imagery. <i>Progress in Preventive Medicine (New York, N Y)</i> , <b>2017</b> , 2, e0010	0.7	7
48	Exercise and adiposity in overweight and obese children and adolescents: protocol for a systematic review and network meta-analysis of randomised trials. <i>BMJ Open</i> , <b>2017</b> , 7, e019512	3	7
47	Retrieval of Individual Participant Data for Exercise Meta-Analyses May Not Be Worth the Time and Effort. <i>BioMed Research International</i> , <b>2016</b> , 2016, 5059041	3	6
46	Community-deliverable exercise and depression in adults with arthritis: Confirmatory evidence of a meta-analysis using the IVhet model. <i>Journal of Evidence-Based Medicine</i> , <b>2018</b> , 11, 51-55	3.9	5
45	Evidential Value That Exercise Improves BMI z-Score in Overweight and Obese Children and Adolescents. <i>BioMed Research International</i> , <b>2015</b> , 2015, 151985	3	5

44	Aerobic Exercise and Cancer-Related Fatigue in Adults: A Reexamination Using the IVhet Model for Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2017</b> , 26, 281-283	4	4
43	Are There Inter-Individual Differences in Fat Mass and Percent Body Fat as a Result of Aerobic Exercise Training in Overweight and Obese Children and Adolescents? A Meta-Analytic Perspective. <i>Childhood Obesity</i> , <b>2020</b> , 16, 301-306	2.5	4
42	Fixed and random effects models. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , <b>2012</b> , 4, 181-190	1.0	4
41	Exercise and BMI z-score in overweight and obese children and adolescents: protocol for a systematic review and network meta-analysis of randomised trials. <i>BMJ Open</i> , <b>2016</b> , 6, e011258	3	4
40	Association Between Breastfeeding and Childhood Cardiovascular Disease Risk Factors. <i>Maternal and Child Health Journal</i> , <b>2019</b> , 23, 228-239	2.4	4
39	Systematic reviews and meta-analysis in rheumatology: a gentle introduction for clinicians. <i>Clinical Rheumatology</i> , <b>2019</b> , 38, 2029-2038	3.9	3
38	Leisure Time Physical Activity Reduces the Risk for Stroke in Adults: A Reanalysis of a Meta-Analysis Using the Inverse-Heterogeneity Model. <i>Stroke Research and Treatment</i> , <b>2019</b> , 2019, 8264502	1.7	3
37	Exercise reduces depressive symptoms in adults with arthritis: Evidential value. <i>World Journal of Rheumatology</i> , <b>2016</b> , 6, 23-29	0.5	3
36	Obesity and cardiovascular outcomes: another look at a meta-analysis of Mendelian randomization studies. <i>Journal of Investigative Medicine</i> , <b>2020</b> , 68, 357-363	2.9	3
35	Inter-individual differences in body mass index were not observed as a result of aerobic exercise in children and adolescents with overweight and obesity. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12692	4.6	3
34	Brief Report: Exercise and Blood Pressure in Older Adults-An Updated Look. <i>International Journal of Hypertension</i> , <b>2018</b> , 2018, 6548659	2.4	3
33	The Effects of Exercise on Bone Mineral Density in Men: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>Calcified Tissue International</i> , <b>2021</b> , 1	3.9	3
32	Individual Participant Data Meta-Analysis Explained. <i>Journal of Pediatrics</i> , <b>2019</b> , 207, 265-266	3.6	2
31	Bootstrap Procedures for Corroborating Mean Outcomes From Meta-Analytic Data: A Brief Tutorial. <i>Measurement in Physical Education and Exercise Science</i> , <b>1997</b> , 1, 203-212	1.9	2
30	Resistance Training Frequency Confers Greater Muscle Quality in Aged Individuals: A Brief NHANES Report. <i>JCSM Clinical Reports</i> , <b>2018</b> , 3,	1.5	2
29	Yoga, Health-Related Quality of Life and Mental Well-Being: A Re-analysis of a Meta-analysis Using the Quality Effects Model. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1732-1736	6.4	2
28	Isometric exercise and inter-individual response differences on resting systolic and diastolic blood pressure in adults: a meta-analysis of randomized controlled trials. <i>Blood Pressure</i> , <b>2021</b> , 30, 310-321	1.7	2
27	Association between birth weight and childhood cardiovascular disease risk factors in West Virginia. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2020</b> , 11, 86-95	2.4	2



26	The Influence of Maternal Aerobic Exercise, Blood DHA and EPA Concentrations on Maternal Lipid Profiles.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	2
25	Clinical relevance of Tai Chi on pain and physical function in adults with knee osteoarthritis: An ancillary meta-analysis of randomized controlled trials.. <i>Science Progress</i> , <b>2022</b> , 105, 368504221088375	1.1	2
24	Community-deliverable exercise and anxiety in adults with arthritis and other rheumatic diseases: a protocol for a systematic review and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , <b>2017</b> , 7, e014957	3	1
23	Brief Report: State-Level Number of Physically Inactive US Adults With Arthritis Who can Improve Their Anxiety and Depression by Exercising. <i>ACR Open Rheumatology</i> , <b>2020</b> , 2, 92-96	3.5	1
22	Physical Activity Levels and Psychological Well-being/Ill-being in Costa Rican College Students. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 471-472	1.2	1
21	The Association between Databases for Indexing Studies Intended for an Exercise Meta-Analysis of Arthritis Randomized Controlled Trials. <i>Arthritis</i> , <b>2012</b> , 2012, 624830		1
20	Abstract WP512: Leisure-time Physical Activity Reduces the Risk for Stroke in Adults: A Meta-Analysis of Prospective Cohort Studies. <i>Stroke</i> , <b>2019</b> , 50,	6.7	1
19	Use of the varying coefficient model in an exercise and depression meta-analysis. <i>World Journal of Methodology</i> , <b>2012</b> , 2, 24-6	1.2	1
18	Influence of Prenatal Aerobic Exercise on Fetal Morphometry. <i>Maternal and Child Health Journal</i> , <b>2020</b> , 24, 1367-1375	2.4	1
17	How Many US Children and Adolescents with Overweight and Obesity Could Improve Their Percent Body Fat by Exercising?: Meta-Analytic Based Estimates. <i>Childhood Obesity</i> , <b>2021</b> , 17, 144-150	2.5	1
16	Training Increases Muscle O <sub>2</sub> Diffusing Capacity Intrinsic to the Elevated V <sub>O2</sub> max. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 762-3	1.2	1
15	Moderate intensity aerobic exercise during pregnancy and 1-month infant Morphometry. <i>Birth Defects Research</i> , <b>2021</b> , 113, 238-247	2.9	1
14	Walking and resting blood pressure: An inter-individual response difference meta-analysis of randomized controlled trials.. <i>Science Progress</i> , <b>2022</b> , 105, 368504221101636	1.1	1
13	Influence of maternal aerobic exercise during pregnancy on fetal cardiac function and outflow. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , <b>2020</b> , 2, 100095	7.4	0
12	Exercise and Cardiovascular Disease Risk Factors in Children and Adolescents With Obesity: A Systematic Review With Meta-Analysis of Randomized Controlled Trials. <i>American Journal of Lifestyle Medicine</i> , 155982762098883	1.9	0
11	Cardiovascular mortality and oral antidiabetic drugs: protocol for a systematic review and network meta-analysis. <i>BMJ Open</i> , <b>2017</b> , 7, e017644	3	
10	Number Of Inactive Adults With Arthritis Who Can Improve Their Anxiety And Depression By Exercising. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 604-604	1.2	
9	Number of Physically Inactive Adults With Arthritis in the United States Who Could Improve Physical Function and Pain Control by Exercising. <i>Preventing Chronic Disease</i> , <b>2020</b> , 17, E99	3.7	

8	Interventions to improve physical activity in colorectal cancer survivors: protocol for a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Advanced Nursing</i> , <b>2021</b> , 77, 3921-3932	3.1
7	High Intensity Interval Versus Moderate Intensity Training In Heart Failure Patients: Systematic Review And Meta-analysis. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 68-68	1.2
6	Exercise And Adiposity In Overweight And Obese Children And Adolescents: A Network Meta-analysis. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 128-129	1.2
5	Brief Report: Exercise and Anxiety in Adults with Arthritis and Other Rheumatic Diseases: Support for Evidential Value. <i>BioMed Research International</i> , <b>2018</b> , 2018, 2984671	3
4	Brief communication: use of the minimal important difference for a meta-analysis on exercise and anxiety in adults with arthritis. <i>Clinical Rheumatology</i> , <b>2018</b> , 37, 1997-2000	3.9
3	Costs of physical inactivity in West Virginia. <i>West Virginia Medical Journal</i> , <b>2009</b> , 105, 23-5	1
2	Context, classification and study methodologies in research into nature-based therapies: protocol for a scoping review.. <i>BMJ Open</i> , <b>2022</b> , 12, e060734	3
1	Inter-individual Response Differences on Resting Blood Pressure as a Result of Qigong in Adults: An Ancillary Meta-Analysis of Randomized Trials.. <i>Complementary Therapies in Medicine</i> , <b>2022</b> , 102818	3.5