

Kirk J Cureton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93 papers	3,909 citations	34 h-index	60 g-index
105 ext. papers	4,205 ext. citations	2.3 avg, IF	4.99 L-index

#	Paper	IF	Citations
93	Dietary quercetin supplementation does not increase maximal oxygen uptake and physical work capacity. <i>SCIENCE and SPORT Current Trends</i> , 2019 , 7, 12-18	0	
92	Acute and chronic effects of sprint interval exercise on postprandial lipemia in women at-risk for the metabolic syndrome. <i>Journal of Applied Physiology</i> , 2015 , 118, 872-9	3.7	25
91	Effects of Low-Volume, High-Intensity Whole-Body Calisthenics on Army ROTC Cadets. <i>Military Medicine</i> , 2015 , 180, 492-8	1.3	17
90	Sprint interval training effects on aerobic capacity: a systematic review and meta-analysis. <i>Sports Medicine</i> , 2014 , 44, 269-79	10.6	186
89	Effect of prior exercise on postprandial lipemia: an updated quantitative review. <i>Journal of Applied Physiology</i> , 2014 , 116, 67-75	3.7	63
88	Critical measurement issues/challenges in assessing aerobic capacity in youth. <i>Research Quarterly for Exercise and Sport</i> , 2014 , 85, 136-43	1.9	11
87	Effect of six weeks of sprint interval training on mood and perceived health in women at risk for metabolic syndrome. <i>Journal of Sport and Exercise Psychology</i> , 2014 , 36, 610-8	1.5	17
86	Comparison of responses to two high-intensity intermittent exercise protocols. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 3033-40	3.2	24
85	Physiological responses to an acute bout of sprint interval cycling. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 2768-73	3.2	23
84	Grape consumption's effects on fitness, muscle injury, mood, and perceived health. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2013 , 23, 57-64	4.4	18
83	Cardiovascular drift during heat stress: implications for exercise prescription. <i>Exercise and Sport Sciences Reviews</i> , 2012 , 40, 88-94	6.7	51
82	Cardiovascular drift and Vo2max during cycling and walking in a temperate environment. <i>Aviation, Space, and Environmental Medicine</i> , 2012 , 83, 660-6		6
81	Approaches for development of criterion-referenced standards in health-related youth fitness tests. <i>American Journal of Preventive Medicine</i> , 2011 , 41, S68-76	6.1	38
80	Development of youth aerobic-capacity standards using receiver operating characteristic curves. <i>American Journal of Preventive Medicine</i> , 2011 , 41, S111-6	6.1	121
79	Effects of 6 weeks of quercetin supplementation on energy, fatigue, and sleep in ROTC cadets. <i>Military Medicine</i> , 2011 , 176, 565-72	1.3	18
78	Effects of acute sprint interval cycling and energy replacement on postprandial lipemia. <i>Journal of Applied Physiology</i> , 2011 , 111, 1584-9	3.7	48
77	Effect of sprint interval training on circulatory function during exercise in sedentary, overweight/obese women. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1591-7	3.4	77

76	Effects of six weeks of quercetin supplementation on physical performance in ROTC cadets. <i>Military Medicine</i> , 2010 , 175, 791-8	1.3	30
75	Dietary quercetin supplementation is not ergogenic in untrained men. <i>Journal of Applied Physiology</i> , 2009 , 107, 1095-104	3.7	66
74	Athlete Burnout: A Physiological Perspective. <i>Journal of Intercollegiate Sport</i> , 2009 , 2, 31-34	1	
73	Effect of intensity of resistance exercise on postprandial lipemia. <i>Journal of Applied Physiology</i> , 2009 , 106, 823-9	3.7	33
72	Ergogenic effects of low doses of caffeine on cycling performance. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008 , 18, 328-42	4.4	100
71	Effect of ambient temperature on cardiovascular drift and maximal oxygen uptake. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1065-71	1.2	29
70	Caffeinated sports drink: ergogenic effects and possible mechanisms. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2007 , 17, 35-55	4.4	66
69	Hydration during exercise in warm, humid conditions: effect of a caffeinated sports drink. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2007 , 17, 163-77	4.4	26
68	Fluid ingestion attenuates the decline in VO ₂ peak associated with cardiovascular drift. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 901-9	1.2	39
67	Body cooling attenuates the decrease in maximal oxygen uptake associated with cardiovascular drift during heat stress. <i>European Journal of Applied Physiology</i> , 2006 , 98, 97-104	3.4	27
66	Maximal oxygen uptake after attenuation of cardiovascular drift during heat stress. <i>Aviation, Space, and Environmental Medicine</i> , 2006 , 77, 687-94		12
65	Short-term effects of aerobic exercise on executive processes and emotional reactivity. <i>International Journal of Sport and Exercise Psychology</i> , 2005 , 3, 131-146	2.5	35
64	Cardiovascular drift is related to reduced maximal oxygen uptake during heat stress. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 248-55	1.2	61
63	Cooling vest worn during active warm-up improves 5-km run performance in the heat. <i>Journal of Applied Physiology</i> , 2004 , 96, 1867-74	3.7	139
62	Hyperthermia and maximal oxygen uptake in men and women. <i>European Journal of Applied Physiology</i> , 2004 , 92, 524-32	3.4	30
61	Effect of race and musculoskeletal development on the accuracy of air plethysmography. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1070-7	1.2	14
60	Assessment of skeletal muscle mass in men with spinal cord injury using dual-energy X-ray absorptiometry and magnetic resonance imaging. <i>Journal of Applied Physiology</i> , 2004 , 96, 561-5	3.7	84
59	Endurance training reduces end-exercise VO ₂ and muscle use during submaximal cycling. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 257-62	1.2	14

58	Effect of resistance exercise on postprandial lipemia. <i>Journal of Applied Physiology</i> , 2003 , 94, 694-700	3.7	79
57	Relation of heart rate to percent VO ₂ peak during submaximal exercise in the heat. <i>Journal of Applied Physiology</i> , 2003 , 94, 1162-8	3.7	64
56	Effects of prior exercise on postprandial lipemia: a quantitative review. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 418-24	12.7	100
55	Assessment of body composition change in a community-based weight management program. <i>Journal of the American College of Nutrition</i> , 2001 , 20, 26-31	3.5	16
54	Intakes of most nutrients remain at acceptable levels during a weight management program using the food exchange system. <i>Journal of the American Dietetic Association</i> , 2001 , 101, 554-61		19
53	Body composition estimates from multicomponent models using BIA to determine body water. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 839-45	1.2	8
52	Muscularity and the density of the fat-free mass in athletes. <i>Journal of Applied Physiology</i> , 2001 , 90, 1523-31	3.7	58
51	Relation of bone mineral density and content to mineral content and density of the fat-free mass. <i>Journal of Applied Physiology</i> , 2001 , 91, 2166-72	3.7	10
50	Acoustic startle eyeblink response after acute exercise. <i>International Journal of Neuroscience</i> , 2001 , 106, 21-33	2	6
49	Use of air displacement plethysmography for estimating body fat in a four-component model. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1311-7	1.2	26
48	Validation of body composition estimates in male and female distance runners using estimates from a four-component model. <i>American Journal of Human Biology</i> , 2000 , 12, 301-314	2.7	19
47	Muscle activation and the slow component rise in oxygen uptake during cycling. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 2040-5	1.2	78
46	Status of Field-Based Fitness Testing in Children and Youth. <i>Preventive Medicine</i> , 2000 , 31, S77-S85	4.3	43
45	Body-composition changes with diet and exercise in obese women: a comparison of estimates from clinical methods and a 4-component model. <i>American Journal of Clinical Nutrition</i> , 1999 , 70, 5-12	7	62
44	Effects of diet and exercise on the density and composition of the fat-free mass in obese women. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1778-87	1.2	20
43	Impact of bone mineral estimates on percent fat estimates from a four-component model. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1861-8	1.2	16
42	One-mile run-walk performance in young men and women: role of anaerobic metabolism. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1997 , 22, 337-50		3
41	In vivo validation of whole body composition estimates from dual-energy X-ray absorptiometry. <i>Journal of Applied Physiology</i> , 1997 , 83, 623-30	3.7	215

40	Anaerobic capacity and muscle activation during horizontal and uphill running. <i>Journal of Applied Physiology</i> , 1997 , 83, 262-9	3.7	47
39	Lower extremity muscle activation during horizontal and uphill running. <i>Journal of Applied Physiology</i> , 1997 , 83, 2073-9	3.7	85
38	Metabolic determinants of the age-related improvement in one-mile run/walk performance in youth. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 259-67	1.2	15
37	Effects of concentric and eccentric training on muscle strength, cross-sectional area, and neural activation. <i>Journal of Applied Physiology</i> , 1996 , 81, 2173-81	3.7	316
36	Effect of the slow-component rise in oxygen uptake on VO ₂ max. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 72-8	1.2	18
35	A generalized equation for prediction of $\dot{V}O_{2peak}$ from 1-mile run/walk performance. <i>Medicine and Science in Sports and Exercise</i> , 1995 , 27, 445-451	1.2	84
34	Effects of varying levels of hypohydration on ratings of perceived exertion. <i>International Journal of Sport Nutrition</i> , 1993 , 3, 376-86		6
33	Peak oxygen deficit during one- and two- legged cycling in men and women. <i>Medicine and Science in Sports and Exercise</i> , 1993 , 25, 584-591	1.2	25
32	Validation of the 12-minute swim as a field test of peak aerobic power in young women. <i>Research Quarterly for Exercise and Sport</i> , 1992 , 63, 153-61	1.9	3
31	Effect of varying levels of hypohydration on responses during submaximal cycling. <i>Medicine and Science in Sports and Exercise</i> , 1992 , 24, 1096-1101	1.2	3
30	Differential effects of dietary carbohydrate on RPE at the lactate and ventilatory thresholds. <i>Medicine and Science in Sports and Exercise</i> , 1992 , 24, 568-575	1.2	9
29	Metabolic determinants of 1-mile run/walk performance in children. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 611-617	1.2	16
28	Validation of the 12-min swim as a field test of peak aerobic power in young men. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 766-773	1.2	7
27	Red blood cell pulmonary capillary transit time during exercise in athletes. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 1353-1361	1.2	33
26	Adjustment of 1-Mile Run/Walk Test Scores for Skinfold Thickness in Youth. <i>Pediatric Exercise Science</i> , 1991 , 3, 152-167	2	25
25	Is the gender difference in peak VO ₂ greater for arm than leg exercise?. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990 , 60, 149-54		7
24	Criterion-referenced standards for youth health-related fitness tests: a tutorial. <i>Research Quarterly for Exercise and Sport</i> , 1990 , 61, 7-19	1.9	86
23	Sex difference in muscle cross-sectional area of athletes and non-athletes. <i>Journal of Sports Sciences</i> , 1989 , 7, 31-9	3.6	5

22	Circadian specificity in exercise training. <i>Ergonomics</i> , 1989 , 32, 79-92	2.9	33
21	Effect of time of day on perceived exertion at work rates above and below the ventilatory threshold. <i>Research Quarterly for Exercise and Sport</i> , 1989 , 60, 127-33	1.9	17
20	Does lung function limit performance in a 24-hour ultramarathon?. <i>Respiration Physiology</i> , 1989 , 78, 253-63		17
19	Effect of glucose polymer diet supplement on responses to prolonged successive swimming, cycling and running. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1988 , 58, 327-33		3
18	Muscle hypertrophy in men and women. <i>Medicine and Science in Sports and Exercise</i> , 1988 , 20, 338-44	1.2	159
17	Ratings of perceived exertion at the lactate threshold in trained and untrained men and women. <i>Medicine and Science in Sports and Exercise</i> , 1987 , 19, 354-362	1.2	108
16	Commentary on "Children and fitness: A Public Health Perspective" <i>Research Quarterly for Exercise and Sport</i> , 1987 , 58, 315-320	1.9	16
15	Sex difference in muscular strength in equally-trained men and women. <i>Ergonomics</i> , 1987 , 30, 675-87	2.9	95
14	Sex difference in maximal oxygen uptake. Effect of equating haemoglobin concentration. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1986 , 54, 656-60		67
13	Plasma volume change during heavy-resistance weight lifting. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1986 , 55, 44-8		25
12	Letters. <i>Physician and Sportsmedicine</i> , 1985 , 13, 17-21	2.4	1
11	Effects of Aerobic Dance on Physical Work Capacity, Cardiovascular Function and Body Composition of Middle-Aged Women. <i>Research Quarterly for Exercise and Sport</i> , 1985 , 56, 227-233	1.9	23
10	Summary report on the NICHD research planning Workshop on Physical Activity in Pregnancy. <i>American Journal of Perinatology</i> , 1984 , 1, 276-9	3.3	3
9	Biological determinants of the sex difference in 12-min run performance. <i>Medicine and Science in Sports and Exercise</i> , 1983 , 15, 218-223	1.2	42
8	Heart Rate and Energy Expenditure During Aqua Dynamics. <i>Physician and Sportsmedicine</i> , 1983 , 11, 67-72	2.4	7
7	Distance Running Performance Tests in Children: What Do They Mean?. <i>Journal of Physical Education, Recreation and Dance</i> , 1982 , 53, 64-66	0.7	5
6	Metabolic and Circulatory Responses to Running During Pregnancy. <i>Physician and Sportsmedicine</i> , 1981 , 9, 55-61	2.4	12
5	Matching of male and female subjects using VO2 max. <i>Research Quarterly for Exercise and Sport</i> , 1981 , 52, 264-8	1.9	17

4	Distance running performance and metabolic responses to running in men and women with excess weight experimentally equated. <i>Medicine and Science in Sports and Exercise</i> , 1980 , 12, 288-294	1.2	50
3	Body Fatness and Performance Differences between Men and Women. <i>Research Quarterly</i> , 1979 , 50, 333-340		2
2	Determinants of Distance Running Performance in Children: Analysis of a Path Model. <i>Research Quarterly American Alliance for Health Physical Education and Recreation</i> , 1977 , 48, 270-279		14
1	Relationship between Body Composition Measures and AAHPER Test Performances in Young Boys. <i>Research Quarterly American Alliance for Health Physical Education and Recreation</i> , 1975 , 46, 218-229		11