Edward F Coyle

List of Publications by Year in Descending Order

69 papers	4,064 citations	28 h-index	63 g-index
77 ext. papers	4,523 ext. citations	3.5 avg, IF	5.58 L-index

#	Paper	IF	Citations
69	Effects of short sprint interval training on aerobic and anaerobic indices: A systematic review and meta-analysis.. *Scandinavian Journal of Medicine and Science in Sports*, **2022**,	4.6	1
68	Daily Step Count and Postprandial Fat Metabolism. *Medicine and Science in Sports and Exercise*, **2021** , 53, 333-340	1.2	1
67	Physiological responses to maximal 4□s sprint interval cycling using inertial loading: the influence of inter-sprint recovery duration. *European Journal of Applied Physiology*, **2021**, 121, 2295-2304	3.4	1
66	Inertial Load Power Cycling Training Increases Muscle Mass and Aerobic Power in Older Adults. *Medicine and Science in Sports and Exercise*, **2021**, 53, 1188-1193	1.2	1
65	Differences in joint power distribution in high and low lactate threshold cyclists. *European Journal of Applied Physiology*, **2021**, 121, 231-238	3.4	0
64	Background Inactivity Blunts Metabolic Adaptations to Intense Short-Term Training. *Medicine and Science in Sports and Exercise*, **2021**, 53, 1937-1944	1.2	0
63	Four-Second Power Cycling Training Increases Maximal Anaerobic Power, Peak Oxygen Consumption, and Total Blood Volume. *Medicine and Science in Sports and Exercise*, **2021**, 53, 2536-2542	1.2	1
62	Prolonged standing reduces fasting plasma triglyceride but does not influence postprandial metabolism compared to prolonged sitting. *PLoS ONE*, **2020**, 15, e0228297	3.7	3
61	Hourly 4-s Sprints Prevent Impairment of Postprandial Fat Metabolism from Inactivity. *Medicine and Science in Sports and Exercise*, **2020**, 52, 2262-2269	1.2	9
60	Prolonged standing reduces fasting plasma triglyceride but does not influence postprandial metabolism compared to prolonged sitting **2020**, 15, e0228297		
59	Prolonged standing reduces fasting plasma triglyceride but does not influence postprandial metabolism compared to prolonged sitting **2020**, 15, e0228297		
58	Prolonged standing reduces fasting plasma triglyceride but does not influence postprandial metabolism compared to prolonged sitting **2020**, 15, e0228297		
57	Prolonged standing reduces fasting plasma triglyceride but does not influence postprandial metabolism compared to prolonged sitting **2020**, 15, e0228297		
56	Inactivity induces resistance to the metabolic benefits following acute exercise. *Journal of Applied Physiology*, **2019**, 126, 1088-1094	3.7	20
55	The historical context and scientific legacy of John O. Holloszy. *Journal of Applied Physiology*, **2019**, 127, 277-305	3.7	7
54	Low Stroke Volume during Exercise with Hot Skin Is Due to Elevated Heart Rate. *Medicine and Science in Sports and Exercise*, **2019**, 51, 2025-2032	1.2	3
53	Cardiovascular responses to exercise when increasing skin temperature with narrowing of the core-to-skin temperature gradient. *Journal of Applied Physiology*, **2018**, 125, 697-705	3.7	21

52	Reply to Brengelmann. *Journal of Applied Physiology*, **2018**, 125, 969	3.7	1
51	Prolonged sitting negatively affects the postprandial plasma triglyceride-lowering effect of acute exercise. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 311, E891-E898	6	12
50	Warm skin alters cardiovascular responses to cycling after preheating and precooling. *Medicine and Science in Sports and Exercise*, **2015**, 47, 1168-76	1.2	8
49	Effects of Differing Dosages of Pomegranate Juice Supplementation after Eccentric Exercise. *Physiology Journal*, **2014**, 2014, 1-7		21
48	Impact of polyphenol antioxidants on cycling performance and cardiovascular function. *Nutrients*, **2014**, 6, 1273-92	6.7	19
47	Postexercise macronutrient intake and subsequent postprandial triglyceride metabolism. *Medicine and Science in Sports and Exercise*, **2014**, 46, 2099-106	1.2	13
46	Effects of moderate- and intermittent low-intensity exercise on postprandial lipemia. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1882-90	1.2	33
45	Acute high-intensity endurance exercise is more effective than moderate-intensity exercise for attenuation of postprandial triglyceride elevation. *Journal of Applied Physiology*, **2013**, 114, 792-800	3.7	48
44	Muscle activity and pedal force profile of triathletes during cycling to exhaustion. *Sports Biomechanics*, **2012**, 11, 10-9	2.2	12
43	The effect of pomegranate juice supplementation on strength and soreness after eccentric exercise. *Journal of Strength and Conditioning Research*, **2011**, 25, 1782-8	3.2	80
42	Interaction of hyperthermia and heart rate on stroke volume during prolonged exercise. *Journal of Applied Physiology*, **2010**, 109, 745-51	3.7	43
41	Ellagitannin consumption improves strength recovery 2-3 d after eccentric exercise. *Medicine and Science in Sports and Exercise*, **2010**, 42, 493-8	1.2	84
40	Serum sodium concentration changes are related to fluid balance and sweat sodium loss. *Medicine and Science in Sports and Exercise*, **2010**, 42, 1669-74	1.2	14
39	Physical Fatigue During Intense Exercise: Integration and Compensation of Physiological Systems. *Military Psychology*, **2009**, 21, S62-S67	0.9	1
38	Endurance exercise performance: the physiology of champions. *Journal of Physiology*, **2008**, 586, 35-44	3.9	526
37	Reply to Gore, Ashenden, Sharpe, and Martin. *Journal of Applied Physiology*, **2008**, 105, 1021-1021	3.7	1
36	Fat oxidation during whole body exercise appears to be a good example of regulation by the interaction of physiological systems. *Journal of Physiology*, **2007**, 581, 886	3.9	3
35	Physiological regulation of marathon performance. *Sports Medicine*, **2007**, 37, 306-11	10.6	47

34	Maximal mechanical power during a taper in elite swimmers. *Medicine and Science in Sports and Exercise*, **2006**, 38, 1643-9	1.2	16
33	Understanding efficiency of human muscular movement exemplifies integrative and translational physiology. *Journal of Physiology*, **2006**, 571, 501	3.9	3
32	Improved muscular efficiency displayed as Tour de France champion matures. *Journal of Applied Physiology*, **2005**, 98, 2191-6	3.7	121
31	Scientific considerations for physiological evaluations of elite athletes. *Journal of Applied Physiology*, **2005**, 99, 1630-1; author reply 1631-2	3.7	12
30	Very intense exercise-training is extremely potent and time efficient: a reminder. *Journal of Applied Physiology*, **2005**, 98, 1983-4	3.7	52
29	Has Armstrongâs cycle efficiency improved?. *Journal of Applied Physiology*, **2005**, 99, 1628-9; author reply 1629	3.7	19
28	High-fat diet elevates resting intramuscular triglyceride concentration and whole body lipolysis during exercise. *American Journal of Physiology - Endocrinology and Metabolism*, **2004**, 286, E217-25	6	74
27	Fluid and fuel intake during exercise. *Journal of Sports Sciences*, **2004**, 22, 39-55	3.6	243
26	Different glycemic indexes of breakfast cereals are not due to glucose entry into blood but to glucose removal by tissue. *American Journal of Clinical Nutrition*, **2003**, 78, 742-8	7	80
25	Physical activity as a metabolic stressor. *American Journal of Clinical Nutrition*, **2000**, 72, 512S-20S	7	93
24	Preexercise medium-chain triglyceride ingestion does not alter muscle glycogen use during exercise. *Journal of Applied Physiology*, **2000**, 88, 219-25	3.7	21
23	Cutaneous blood flow during exercise is higher in endurance-trained humans. *Journal of Applied Physiology*, **2000**, 88, 738-44	3.7	67
22	Stroke volume decline during prolonged exercise is influenced by the increase in heart rate. *Journal of Applied Physiology*, **1999**, 86, 799-805	3.7	106
21	Physiological determinants of endurance exercise performance. *Journal of Science and Medicine in Sport*, **1999**, 2, 181-9	4.4	130
20	Dehydration markedly impairs cardiovascular function in hyperthermic endurance athletes during exercise. *Journal of Applied Physiology*, **1997**, 82, 1229-36	3.7	238
19	Inertial-load method determines maximal cycling power in a single exercise bout. *Medicine and Science in Sports and Exercise*, **1997**, 29, 1505-12	1.2	93
18	Effect of endurance training on glycerol kinetics during strenuous exercise in humans. *Metabolism: Clinical and Experimental*, **1996**, 45, 357-61	12.7	26
17	Fluid and carbohydrate ingestion independently improve performance during 1 h of intense exercise. *Medicine and Science in Sports and Exercise*, **1995**, 27, 200???210	1.2	206

16	Integration of the Physiological Factors Determining Endurance Performance Ability. *Exercise and Sport Sciences Reviews*, **1995**, 23, 25???64	6.7	203
15	Stroke volume measurement during supine and upright cycle exercise by impedance cardiography. *Annals of Biomedical Engineering*, **1994**, 22, 514-23	4.7	8
14	Histochemical and physiological correlates of training- and detraining-induced changes in the recovery from a fatigue test. *Physical Therapy*, **1993**, 73, 661-7	3.3	14
13	Carbohydrates That Speed Recovery From Training. *Physician and Sportsmedicine*, **1993**, 21, 111-123	2.4	16
12	Cycling efficiency is related to the percentage of Type I muscle fibers. *Medicine and Science in Sports and Exercise*, **1992**, 24, 782???788	1.2	216
11	Carbohydrate supplementation during exercise. *Journal of Nutrition*, **1992**, 122, 788-95	4.1	23
10	Metabolism and performance following carbohydrate ingestion late in exercise. *Medicine and Science in Sports and Exercise*, **1989**, 21, 59-65	1.2	93
9	Muscle glycogen synthesis after exercise: effect of time of carbohydrate ingestion. *Journal of Applied Physiology*, **1988**, 64, 1480-5	3.7	333
8	Effects of physical deconditioning after intense endurance training on left ventricular dimensions and stroke volume. *Journal of the American College of Cardiology*, **1986**, 7, 982-9	15.1	108
7	Effectiveness of carbohydrate feeding in delaying fatigue during prolonged exercise. *Sports Medicine*, **1984**, 1, 446-58	10.6	72
6	Cardiovascular sensitivity to epinephrine in the trained and untrained states. *American Journal of Cardiology*, **1984**, 54, 1326-30	3	13
5	Effect of prolonged intense endurance training on systolic time intervals in patients with coronary artery disease. *American Heart Journal*, **1984**, 107, 75-81	4.9	13
4	Physiological determinants of endurance performance as studied in competitive racewalkers. *Medicine and Science in Sports and Exercise*, **1983**, 15, 287-9	1.2	81
3	Cardiac effects of prolonged and intense exercise training in patients with coronary artery disease. *American Journal of Cardiology*, **1982**, 50, 246-54	3	113
2	Exercise heart rate as a predictor of running performance. *Research Quarterly for Exercise and Sport*, **1980**, 51, 417-21	1.9	2
1	Plasma lactate accumulation and distance running performance. *Medicine and Science in Sports and Exercise*, **1979**, 11, 338???344	1.2	114