Andrew M Jones

List of Publications by Year
in descending order

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249 papers	20,058 citations	7568 77 h-index	13379 130 g-index
252 all docs	252 docs citations	252 times ranked	7917 citing authors

#	Article	IF	Citations
1	A 1% treadmill grade most accurately reflects the energetic cost of outdoor running. Journal of Sports Sciences, 1996, 14, 321-327.	2.0	689
2	Dietary nitrate supplementation reduces the O₂cost of low-intensity exercise and enhances tolerance to high-intensity exercise in humans. Journal of Applied Physiology, 2009, 107, 1144-1155.	2.5	603
3	The Effect of Endurance Training on Parameters of Aerobic Fitness. Sports Medicine, 2000, 29, 373-386.	6.5	564
4	Dietary nitrate supplementation enhances muscle contractile efficiency during knee-extensor exercise in humans. Journal of Applied Physiology, 2010, 109, 135-148.	2.5	484
5	Critical Power: Implications for Determination of VË™O2max and Exercise Tolerance. Medicine and Science in Sports and Exercise, 2010, 42, 1876-1890.	0.4	417
6	Acute and chronic effects of dietary nitrate supplementation on blood pressure and the physiological responses to moderate-intensity and incremental exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1121-R1131.	1.8	403
7	Influence of muscle fiber type and pedal frequency on oxygen uptake kinetics of heavy exercise. Journal of Applied Physiology, 1996, 81, 1642-1650.	2.5	394
8	Muscle metabolic responses to exercise above and below the â€œcritical powerâ€•assessed using³¹P-MRS. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R585-R593.	1.8	372
9	Oxygen Uptake Kinetics. , 2012, 2, 933-996.		364
10	Beetroot juice and exercise: pharmacodynamic and dose-response relationships. Journal of Applied Physiology, 2013, 115, 325-336.	2.5	363
11	Aerobic exercise intensity assessment and prescription in cardiac rehabilitation: a joint position statement of the European Association for Cardiovascular Prevention and Rehabilitation, the American Association of Cardiovascular and Pulmonary Rehabilitation and the Canadian Association of Cardiac Rehabilitation. European Journal of Preventive Cardiology, 2013, 20, 442-467.	1.8	360
12	Measurement of the maximum oxygen uptake VÌ‡<scp>o</scp>_{2max}: VÌ‡<scp>o</scp>_{2peak} is no longer acceptable. Journal of Applied Physiology, 2017, 122, 997-1002.	2.5	346
13	Dietary nitrate supplementation reduces the O₂cost of walking and running: a placebo-controlled study. Journal of Applied Physiology, 2011, 110, 591-600.	2.5	335
14	Critical Power. Medicine and Science in Sports and Exercise, 2016, 48, 2320-2334.	0.4	335
15	Validity of criteria for establishing maximal O2 uptake during ramp exercise tests. European Journal of Applied Physiology, 2008, 102, 403-410.	2.5	326
16	Oxygen uptake kinetics as a determinant of sports performance. European Journal of Sport Science, 2007, 7, 63-79.	2.7	317
17	Acute Dietary Nitrate Supplementation Improves Cycling Time Trial Performance. Medicine and Science in Sports and Exercise, 2011, 43, 1125-1131.	0.4	292
18	Slow Component of VË™O2 Kinetics. Medicine and Science in Sports and Exercise, 2011, 43, 2046-2062.	0.4	260

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19	Dietary Nitrate Supplementation and Exercise Performance. Sports Medicine, 2014, 44, 35-45.	6.5	258
20	Impact of dietary nitrate supplementation via beetroot juice on exercising muscle vascular control in rats. Journal of Physiology, 2013, 591, 547-557.	2.9	249
21	Oxygen uptake kinetics in treadmill running and cycle ergometry: a comparison. Journal of Applied Physiology, 2000, 89, 899-907.	2.5	202
22	Effects of prior heavy exercise on phase II pulmonary oxygen uptake kinetics during heavy exercise. Journal of Applied Physiology, 2000, 89, 1387-1396.	2.5	201
23	Influence of hyperoxia on muscle metabolic responses and the powerâ€“duration relationship during severeâ€intensity exercise in humans: a³¹P magnetic resonance spectroscopy study. Experimental Physiology, 2010, 95, 528-540.	2.0	198
24	Effects of short-term dietary nitrate supplementation on blood pressure, O₂uptake kinetics, and muscle and cognitive function in older adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R73-R83.	1.8	184
25	Muscle metabolic and neuromuscular determinants of fatigue during cycling in different exercise intensity domains. Journal of Applied Physiology, 2017, 122, 446-459.	2.5	180
26	Influence of acute dietary nitrate supplementation on 50 mile time trial performance in well-trained cyclists. European Journal of Applied Physiology, 2012, 112, 4127-4134.	2.5	179
27	Dietary nitrate supplementation improves team sport-specific intense intermittent exercise performance. European Journal of Applied Physiology, 2013, 113, 1673-1684.	2.5	178
28	Control of Oxygen Uptake during Exercise. Medicine and Science in Sports and Exercise, 2008, 40, 462-474.	0.4	171
29	Dietary nitrate reduces muscle metabolic perturbation and improves exercise tolerance in hypoxia. Journal of Physiology, 2011, 589, 5517-5528.	2.9	170
30	Powerâ€“duration relationship: Physiology, fatigue, and the limits of human performance. European Journal of Sport Science, 2018, 18, 1-12.	2.7	169
31	Oxygen uptake kinetics during moderate, heavy and severe intensity 'submaximal' exercise in humans: the influence of muscle fibre type and capillarisation. European Journal of Applied Physiology, 2003, 89, 289-300.	2.5	168
32	Maximal lactate steady state, critical power and EMG during cycling. European Journal of Applied Physiology, 2002, 88, 214-226.	2.5	167
33	The Physiology of the World Record Holder for the Women's Marathon. International Journal of Sports Science and Coaching, 2006, 1, 101-116.	1.4	162
34	The â€˜Critical Powerâ€™ Concept: Applications to Sports Performance with a Focus on Intermittent High-Intensity Exercise. Sports Medicine, 2017, 47, 65-78.	6.5	160
35	The maximal metabolic steady state: redefining the â€˜gold standardâ€™. Physiological Reports, 2019, 7, e14098.	1.7	160
36	Distinct profiles of neuromuscular fatigue during muscle contractions below and above the critical torque in humans. Journal of Applied Physiology, 2012, 113, 215-223.	2.5	157

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37	The relationship between critical velocity, maximal lactate steady-state velocity and lactate turnpoint velocity in runners. European Journal of Applied Physiology, 2001, 85, 19-26.	2.5	155
38	Influence of repeated sprint training on pulmonary O₂ uptake and muscle deoxygenation kinetics in humans. Journal of Applied Physiology, 2009, 106, 1875-1887.	2.5	150
39	Effects of prior heavy exercise onVË™<scp>o</scp> ₂ kinetics during heavy exercise are related to changes in muscle activity. Journal of Applied Physiology, 2002, 93, 167-174.	2.5	143
40	Muscle fiber recruitment and the slow component of O₂uptake: constant work rate vs. all-out sprint exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R700-R707.	1.8	141
41	Application of Critical Power in Sport. International Journal of Sports Physiology and Performance, 2011, 6, 128-136.	2.3	138
42	Aerobic Exercise Intensity Assessment and Prescription in Cardiac Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2012, 32, 327-350.	2.1	133
43	The validity of the lactate minimum test for determination of the maximal lactate steady state. Medicine and Science in Sports and Exercise, 1998, 30, 1304-1313.	0.4	130
44	The mechanistic bases of the powerâ€“time relationship: muscle metabolic responses and relationships to muscle fibre type. Journal of Physiology, 2016, 594, 4407-4423.	2.9	127
45	Dietary Nitrate and Physical Performance. Annual Review of Nutrition, 2018, 38, 303-328.	10.1	125
46	Beetroot juice supplementation speeds O₂uptake kinetics and improves exercise tolerance during severe-intensity exercise initiated from an elevated metabolic rate. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1441-R1450.	1.8	122
47	Optimizing the â€œprimingâ€•effect: influence of prior exercise intensity and recovery duration on O₂ uptake kinetics and severe-intensity exercise tolerance. Journal of Applied Physiology, 2009, 107, 1743-1756.	2.5	120
48	Effects of Prior Warm-up Regime on Severe-Intensity Cycling Performance. Medicine and Science in Sports and Exercise, 2005, 37, 838-845.	0.4	119
49	Oxygen uptake kinetics during treadmill running across exercise intensity domains. European Journal of Applied Physiology, 2002, 86, 347-354.	2.5	114
50	Time required for the restoration of normal heavy exercise V̀‡o2 kinetics following prior heavy exercise. Journal of Applied Physiology, 2006, 101, 1320-1327.	2.5	114
51	Dietary nitrate improves sprint performance and cognitive function during prolonged intermittent exercise. European Journal of Applied Physiology, 2015, 115, 1825-1834.	2.5	113
52	Dietary nitrate modulates cerebral blood flow parameters and cognitive performance in humans: A double-blind, placebo-controlled, crossover investigation. Physiology and Behavior, 2015, 149, 149-158.	2.1	110
53	Effect of work rate on the functional â€˜gainâ€™ of Phase II pulmonary O2 uptake response to exercise. Respiratory Physiology and Neurobiology, 2004, 142, 211-223.	1.6	109
54	Acute <scp>l</scp>-arginine supplementation reduces the O₂ cost of moderate-intensity exercise and enhances high-intensity exercise tolerance. Journal of Applied Physiology, 2010, 109, 1394-1403.	2.5	108

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55	Effects of Training Status and Exercise Intensity on Phase II &OV0312;O2 Kinetics. Medicine and Science in Sports and Exercise, 2004, 36, 225-232.	0.4	107
56	Modeling the Expenditure and Reconstitution of Work Capacity above Critical Power. Medicine and Science in Sports and Exercise, 2012, 44, 1526-1532.	0.4	107
57	Fiber Type-Specific Effects of Dietary Nitrate. Exercise and Sport Sciences Reviews, 2016, 44, 53-60.	3.0	107
58	Effects of Prior Exercise on Metabolic and Gas Exchange Responses to Exercise. Sports Medicine, 2003, 33, 949-971.	6.5	106
59	Effect of endurance training on oxygen uptake kinetics during treadmill running. Journal of Applied Physiology, 2000, 89, 1744-1752.	2.5	104
60	Influence of dietary nitrate on the physiological determinants of exercise performance: a critical review. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1019-1028.	1.9	104
61	Prior Heavy Exercise Enhances Performance during Subsequent Perimaximal Exercise. Medicine and Science in Sports and Exercise, 2003, 35, 2085-2092.	0.4	101
62	Oxygen Uptake Dynamics: From Muscle to Mouthâ€"An Introduction to the Symposium. Medicine and Science in Sports and Exercise, 2005, 37, 1542-1550.	0.4	97
63	Inorganic nitrate supplementation improves muscle oxygenation, O₂uptake kinetics, and exercise tolerance at high but not low pedal rates. Journal of Applied Physiology, 2015, 118, 1396-1405.	2.5	97
64	<scp>l</scp>-Citrulline supplementation improves O₂ uptake kinetics and high-intensity exercise performance in humans. Journal of Applied Physiology, 2015, 119, 385-395.	2.5	94
65	Effects of Prior Exercise and Recovery Duration on Oxygen Uptake Kinetics During Heavy Exercise in Humans. Experimental Physiology, 2001, 86, 417-425.	2.0	92
66	Dietary nitrate supplementation: effects on plasma nitrite and pulmonary O₂ uptake dynamics during exercise in hypoxia and normoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R920-R930.	1.8	92
67	Microvascular oxygen pressures in muscles comprised of different fiber types: Impact of dietary nitrate supplementation. Nitric Oxide - Biology and Chemistry, 2015, 48, 38-43.	2.7	91
68	Influence of acetaminophen on performance during time trial cycling. Journal of Applied Physiology, 2010, 108, 98-104.	2.5	90
69	The Effect of Variable Doses of Inorganic Nitrate-Rich Beetroot Juice on Simulated 2000-m Rowing Performance in Trained Athletes. International Journal of Sports Physiology and Performance, 2014, 9, 615-620.	2.3	90
70	Effect of prior multiple-sprint exercise on pulmonary O2 uptake kinetics following the onset of perimaximal exercise. Journal of Applied Physiology, 2004, 97, 1227-1236.	2.5	89
71	Influence of Continuous and Interval Training on Oxygen Uptake On-Kinetics. Medicine and Science in Sports and Exercise, 2006, 38, 504-512.	0.4	88
72	Influence of dietary nitrate supplementation on human skeletal muscle metabolism and force production during maximum voluntary contractions. Pflugers Archiv European Journal of Physiology, 2013, 465, 517-528.	2.8	88

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73	Physiological demands of running at 2-hour marathon race pace. Journal of Applied Physiology, 2021, 130, 369-379.	2.5	88
74	Dietary nitrate supplementation improves sprint and high-intensity intermittent running performance. Nitric Oxide - Biology and Chemistry, 2016, 61, 55-61.	2.7	87
75	Oxygen Uptake Kinetics: An Underappreciated Determinant of Exercise Performance. International Journal of Sports Physiology and Performance, 2009, 4, 524-532.	2.3	86
76	Influence of beetroot juice supplementation on intermittent exercise performance. European Journal of Applied Physiology, 2016, 116, 415-425.	2.5	86
77	High-nitrate vegetable diet increases plasma nitrate and nitrite concentrations and reduces blood pressure in healthy women. Public Health Nutrition, 2015, 18, 2669-2678.	2.2	83
78	Influence of dietary nitrate supplementation on physiological and cognitive responses to incremental cycle exercise. Respiratory Physiology and Neurobiology, 2014, 193, 11-20.	1.6	82
79	Contemporary Nutrition Strategies to Optimize Performance in Distance Runners and Race Walkers. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 117-129.	2.1	81
80	Single and combined effects of beetroot juice and caffeine supplementation on cycling time trial performance. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1050-1057.	1.9	80
81	Oxygen uptake kinetics during treadmill running in boys and men. Journal of Applied Physiology, 2001, 90, 1700-1706.	2.5	77
82	Effect of pedal rate on primary and slow-component oxygen uptake responses during heavy-cycle exercise. Journal of Applied Physiology, 2003, 94, 1501-1507.	2.5	76
83	Inhibition of Nitric Oxide Synthase by Lâ€NAME Speeds Phase II Pulmonary Vİ‡ O2 Kinetics in the Transition to Moderateâ€Intensity Exercise in Man. Journal of Physiology, 2003, 552, 265-272.	2.9	75
84	Inspiratory muscle training enhances pulmonary O2 uptake kinetics and high-intensity exercise tolerance in humans. Journal of Applied Physiology, 2010, 109, 457-468.	2.5	75
85	The nitrateâ€nitriteâ€nitric oxide pathway: Its role in human exercise physiology. European Journal of Sport Science, 2012, 12, 309-320.	2.7	75
86	Human skeletal muscle nitrate store: influence of dietary nitrate supplementation and exercise. Journal of Physiology, 2019, 597, 5565-5576.	2.9	74
87	Effects of â€œprimingâ€•exercise on pulmonary O2 uptake and muscle deoxygenation kinetics during heavy-intensity cycle exercise in the supine and upright positions. Journal of Applied Physiology, 2006, 101, 1432-1441.	2.5	72
88	Influence of hyperoxia on pulmonary O2 uptake kinetics following the onset of exercise in humans. Respiratory Physiology and Neurobiology, 2006, 153, 92-106.	1.6	71
89	Self-pacing increases critical power and improves performance during severe-intensity exercise. Applied Physiology, Nutrition and Metabolism, 2015, 40, 662-670.	1.9	68
90	Two weeks of watermelon juice supplementation improves nitric oxide bioavailability but not endurance exercise performance in humans. Nitric Oxide - Biology and Chemistry, 2016, 59, 10-20.	2.7	67

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91	Effect of eccentric exercise-induced muscle damage on the dynamics of muscle oxygenation and pulmonary oxygen uptake. Journal of Applied Physiology, 2008, 105, 1413-1421.	2.5	66
92	Effects of Nitrate on the Powerâ€“Duration Relationship for Severe-Intensity Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1798-1806.	0.4	66
93	Effects of prior heavy exercise, prior sprint exercise and passive warming on oxygen uptake kinetics during heavy exercise in humans. European Journal of Applied Physiology, 2002, 87, 424-432.	2.5	63
94	Influence of recombinant human erythropoietin treatment on pulmonary O2uptake kinetics during exercise in humans. Journal of Physiology, 2005, 568, 639-652.	2.9	62
95	The effect of dietary nitrate supplementation on the oxygen cost of cycling, walking performance and resting blood pressure in individuals with chronic obstructive pulmonary disease: A double blind placebo controlled, randomised control trial. Nitric Oxide - Biology and Chemistry, 2015, 48, 31-37.	2.7	62
96	Nitrate pharmacokinetics: Taking note of the difference. Nitric Oxide - Biology and Chemistry, 2015, 48, 44-50.	2.7	62
97	Fast-Start Strategy Improves VË™O2 Kinetics and High-Intensity Exercise Performance. Medicine and Science in Sports and Exercise, 2011, 43, 457-467.	0.4	61
98	Exercise Tolerance in Intermittent Cycling. Medicine and Science in Sports and Exercise, 2012, 44, 966-976.	0.4	60
99	Dietary Nitrate and Nitric Oxide Metabolism: Mouth, Circulation, Skeletal Muscle, and Exercise Performance. Medicine and Science in Sports and Exercise, 2021, 53, 280-294.	0.4	58
100	Muscle metabolic determinants of exercise tolerance following exhaustion: relationship to the â€œcritical powerâ€• Journal of Applied Physiology, 2013, 115, 243-250.	2.5	57
101	Similar metabolic perturbations during allâ€•out and constant force exhaustive exercise in humans: a ‹sup›31‹/sup›P magnetic resonance spectroscopy study. Experimental Physiology, 2010, 95, 798-807.	2.0	56
102	Effects of nitrate supplementation via beetroot juice on contracting rat skeletal muscle microvascular oxygen pressure dynamics. Respiratory Physiology and Neurobiology, 2013, 187, 250-255.	1.6	56
103	Effect of 6 weeks of endurance training on the lactate minimum speed. Journal of Sports Sciences, 1999, 17, 957-967.	2.0	55
104	Influence of prior sprint exercise on the parameters of the â€˜allâ€•out critical power testâ€™ in men. Experimental Physiology, 2009, 94, 255-263.	2.0	55
105	Dose-dependent effects of dietary nitrate on the oxygen cost of moderate-intensity exercise: Acute vs. chronic supplementation. Nitric Oxide - Biology and Chemistry, 2016, 57, 30-39.	2.7	55
106	Effect of Work and Recovery Durations on Wâ€² Reconstitution during Intermittent Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 1433-1440.	0.4	54
107	Effects of dietary nitrate supplementation on the oxygen cost of exercise and walking performance in individuals with type 2 diabetes: a randomized, double-blind, placebo-controlled crossover trial. Free Radical Biology and Medicine, 2015, 86, 200-208.	2.9	54
108	Effect of creatine supplementation on oxygen uptake kinetics during submaximal cycle exercise. Journal of Applied Physiology, 2002, 92, 2571-2577.	2.5	53

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109	Effect of exercise modality on oxygen uptake kinetics during heavy exercise. European Journal of Applied Physiology and Occupational Physiology, 1999, 80, 213-219.	1.2	50
110	Improvement of 800-m Running Performance With Prior High-Intensity Exercise. International Journal of Sports Physiology and Performance, 2013, 8, 77-83.	2.3	50
111	$$ dot{V}_{{{ext{O}}_{2} { max }}} $$ is not altered by self-pacing during incremental exercise. European Journal of Applied Physiology, 2013, 113, 529-539.	2.5	49
112	Influence of initial metabolic rate on pulmonary O2 uptake on-kinetics during severe intensity exercise. Respiratory Physiology and Neurobiology, 2006, 152, 204-219.	1.6	48
113	Effect of Induced Alkalosis on the Power-Duration Relationship of "All-out" Exercise. Medicine and Science in Sports and Exercise, 2010, 42, 563-570.	0.4	48
114	Intramuscular determinants of the ability to recover work capacity above critical power. European Journal of Applied Physiology, 2015, 115, 703-713.	2.5	48
115	Effects of Pacing Strategy on Work Done above Critical Power during High-Intensity Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1377-1385.	0.4	47
116	Influence of l-NAME on pulmonary O2 uptake kinetics during heavy-intensity cycle exercise. Journal of Applied Physiology, 2004, 96, 1033-1038.	2.5	46
117	The Final Frontier. Exercise and Sport Sciences Reviews, 2007, 35, 166-173.	3.0	46
118	Validation of a Novel Intermittent Wâ€² Model for Cycling Using Field Data. International Journal of Sports Physiology and Performance, 2014, 9, 900-904.	2.3	46
119	On the mechanism by which dietary nitrate improves human skeletal muscle function. Frontiers in Physiology, 2015, 6, 211.	2.8	45
120	Influence of blood donation on O2uptake on-kinetics, peak O2uptake and time to exhaustion during severe-intensity cycle exercise in humans. Experimental Physiology, 2006, 91, 499-509.	2.0	42
121	Oxygen uptake kinetics during horizontal and uphill treadmill running in humans. European Journal of Applied Physiology, 2002, 88, 163-169.	2.5	41
122	Muscle Glycogen Depletion Alters Oxygen Uptake Kinetics during Heavy Exercise. Medicine and Science in Sports and Exercise, 2004, 36, 965-972.	0.4	40
123	Effects of baseline metabolic rate on pulmonary O2 uptake on-kinetics during heavy-intensity exercise in humans. Respiratory Physiology and Neurobiology, 2007, 156, 203-211.	1.6	40
124	Influence of priming exercise on pulmonary O₂ uptake kinetics during transitions to high-intensity exercise from an elevated baseline. Journal of Applied Physiology, 2008, 105, 538-546.	2.5	40
125	Muscle metabolic responses during high-intensity intermittent exercise measured by³¹P-MRS: relationship to the critical power concept. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1085-R1092.	1.8	40
126	Critical power derived from a 3â€•min allâ€•out test predicts 16.1â€•km road timeâ€•trial performance. European Journal of Sport Science, 2014, 14, 217-223.	2.7	40

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127	Influence of dietary nitrate supplementation on physiological and muscle metabolic adaptations to sprint interval training. Journal of Applied Physiology, 2017, 122, 642-652.	2.5	40
128	Incubation with sodium nitrite attenuates fatigue development in intact single mouse fibres at physiological. Journal of Physiology, 2019, 597, 5429-5443.	2.9	40
129	Effects of Two Hours of Heavy-Intensity Exercise on the Powerâ€“Duration Relationship. Medicine and Science in Sports and Exercise, 2018, 50, 1658-1668.	0.4	39
130	Technological advances in elite marathon performance. Journal of Applied Physiology, 2021, 130, 2002-2008.	2.5	39
131	Influence of nitric oxide synthase inhibition on pulmonary O2uptake kinetics during supra-maximal exercise in humans. Journal of Physiology, 2004, 561, 623-635.	2.9	38
132	Influence of dietary nitrate food forms on nitrate metabolism and blood pressure in healthy normotensive adults. Nitric Oxide - Biology and Chemistry, 2018, 72, 66-74.	2.7	37
133	Influence of endurance training on muscle [PCr] kinetics during high-intensity exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R392-R401.	1.8	36
134	Muscle [phosphocreatine] dynamics following the onset of exercise in humans: the influence of baseline workâ€rate. Journal of Physiology, 2008, 586, 889-898.	2.9	36
135	Physiological monitoring of the Olympic athlete. Journal of Sports Sciences, 2009, 27, 1433-1442.	2.0	36
136	Dynamics of the power-duration relationship during prolonged endurance exercise and influence of carbohydrate ingestion. Journal of Applied Physiology, 2019, 127, 726-736.	2.5	35
137	Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1065-1068.	2.5	35
138	Influence of prior exercise on muscle [phosphorylcreatine] and deoxygenation kinetics during highâ€intensity exercise in men. Experimental Physiology, 2008, 93, 468-478.	2.0	34
139	Dietary nitrate supplementation: impact on skeletal muscle vascular control in exercising rats with chronic heart failure. Journal of Applied Physiology, 2016, 121, 661-669.	2.5	34
140	Pulmonary O2 uptake on-kinetics in sprint- and endurance-trained athletes. Applied Physiology, Nutrition and Metabolism, 2007, 32, 383-393.	1.9	33
141	Nitrate supplementation and high-intensity performance in competitive cyclists. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1043-1049.	1.9	33
142	Nitric oxide synthase inhibition withl-NAME reduces maximal oxygen uptake but not gas exchange threshold during incremental cycle exercise in man. Journal of Physiology, 2004, 560, 329-338.	2.9	32
143	Influence of acute plasma volume expansion on V̇o2 kinetics, V̇o2peak, and performance during high-intensity cycle exercise. Journal of Applied Physiology, 2006, 101, 707-714.	2.5	32
144	Influence of dietary creatine supplementation on muscle phosphocreatine kinetics during knee-extensor exercise in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1078-R1087.	1.8	32

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145	Priming exercise speeds pulmonary O₂ uptake kinetics during supine â€œwork-to-workâ€• high-intensity cycle exercise. Journal of Applied Physiology, 2010, 108, 283-292.	2.5	31
146	No effect of acute l-arginine supplementation on O2 cost or exercise tolerance. European Journal of Applied Physiology, 2013, 113, 1805-1819.	2.5	31
147	Relationship between metabolic cost and muscular coactivation across running speeds. Journal of Science and Medicine in Sport, 2014, 17, 671-676.	1.3	31
148	Dietary nitrate accelerates postexercise muscle metabolic recovery and O₂delivery in hypoxia. Journal of Applied Physiology, 2014, 117, 1460-1470.	2.5	31
149	Validity of a Single-Visit Protocol to Estimate the Maximum Lactate Steady State. Medicine and Science in Sports and Exercise, 2005, 37, 1734-1740.	0.4	30
150	Influence of body position on muscle deoxy[Hb+Mb] during ramp cycle exercise. Respiratory Physiology and Neurobiology, 2010, 173, 138-145.	1.6	30
151	Influence of exercise intensity on skeletal muscle blood flow, O₂ extraction and O₂ uptake onâ€kinetics. Journal of Physiology, 2012, 590, 4363-4376.	2.9	30
152	Effects of self-paced interval and continuous training on health markers in women. European Journal of Applied Physiology, 2017, 117, 2281-2293.	2.5	30
153	Influence of intermittent hypoxic training on muscle energetics and exercise tolerance. Journal of Applied Physiology, 2013, 114, 611-619.	2.5	29
154	Road cycle TT performance: Relationship to the power-duration model and association with FTP. Journal of Sports Sciences, 2019, 37, 902-910.	2.0	29
155	Reply to Quaresima and Ferrari. Journal of Applied Physiology, 2009, 107, 372-373.	2.5	27
156	â€œLinearâ€•Versus â€œNonlinearâ€•O2 Responses to Exercise: Reshaping Traditional Beliefs. Journal of Exercise Science and Fitness, 2009, 7, 67-84.	2.2	27
157	Elevated baseline V̀‡<sc>o</sc>₂ per se does not slow O₂ uptake kinetics during work-to-work exercise transitions. Journal of Applied Physiology, 2010, 109, 1148-1154.	2.5	27
158	The two-hour marathon: What's the equivalent for women?. Journal of Applied Physiology, 2015, 118, 1321-1323.	2.5	27
159	Muscle damage alters the metabolic response to dynamic exercise in humans: a³¹P-MRS study. Journal of Applied Physiology, 2011, 111, 782-790.	2.5	26
160	Dietary Inorganic Nitrate as an Ergogenic Aid: An Expert Consensus Derived via the Modified Delphi Technique. Sports Medicine, 2022, 52, 2537-2558.	6.5	26
161	Dichloroacetate does not speed phase-II pulmonary V? O 2 kinetics following the onset of heavy intensity cycle exercise. Pflugers Archiv European Journal of Physiology, 2004, 447, 867-874.	2.8	25
162	Influence of DCA on Pulmonary &OV0312;O2 Kinetics during Moderate-Intensity Cycle Exercise. Medicine and Science in Sports and Exercise, 2004, 36, 1159-1164.	0.4	25

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163	Potential benefits of dietary nitrate ingestion in healthy and clinical populations: A brief review. European Journal of Sport Science, 2019, 19, 15-29.	2.7	25
164	Influence of training status and exercise modality on pulmonary O2 uptake kinetics in pre-pubertal girls. European Journal of Applied Physiology, 2010, 108, 1169-1179.	2.5	24
165	Influence of priming exercise on muscle [PCr] and pulmonary O2 uptake dynamics during â€˜work-to-workâ€™ knee-extension exercise. Respiratory Physiology and Neurobiology, 2010, 172, 15-23.	1.6	24
166	The influence of priming exercise on oxygen uptake, cardiac output, and muscle oxygenation kinetics during very heavy-intensity exercise in 9- to 13-yr-old boys. Journal of Applied Physiology, 2010, 109, 491-500.	2.5	24
167	Influence of training status and exercise modality on pulmonary O2 uptake kinetics in pubertal girls. European Journal of Applied Physiology, 2011, 111, 621-631.	2.5	24
168	Beetroot juice ingestion during prolonged moderate-intensity exercise attenuates progressive rise in O₂ uptake. Journal of Applied Physiology, 2018, 124, 1254-1263.	2.5	24
169	Influence of N-acetylcysteine administration on pulmonary O2 uptake kinetics and exercise tolerance in humans. Respiratory Physiology and Neurobiology, 2011, 175, 121-129.	1.6	23
170	Dose dependent effects of nitrate supplementation on cardiovascular control and microvascular oxygenation dynamics in healthy rats. Nitric Oxide - Biology and Chemistry, 2014, 39, 51-58.	2.7	23
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