# Stephen J Bailey

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 122 papers | 6,712 citations | 39 h-index | 81 g-index |
| 122 ext. papers | 8,268 ext. citations | 3.8 avg, IF | 5.73 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 122 | Effect of nitrate supplementation on skeletal muscle motor unit activity during isometric blood flow restriction exercise.. *European Journal of Applied Physiology*, **2022**, 1 | 3.4 | 1 |
| 121 | CFTR limits F-actin formation and promotes morphological alignment with flow in human lung microvascular endothelial cells. *Physiological Reports*, **2021**, 9, e15128 | 2.6 | 0 |
| 120 | Is walking netball an effective, acceptable and feasible method to increase physical activity and improve health in middle- to older age women?: A RE-AIM evaluation. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 136 | 8.4 | 1 |
| 119 | Sleep Quality and Physical Activity as Predictors of Mental Wellbeing Variance in Older Adults during COVID-19 Lockdown: ECLB COVID-19 International Online Survey. *International Journal of Environmental Research and Public Health*, **2021**, 18, | 4.6 | 33 |
| 118 | The Effect of Nitrate-Rich Beetroot Juice on Markers of Exercise-Induced Muscle Damage: A Systematic Review and Meta-Analysis of Human Intervention Trials. *Journal of Dietary Supplements*, **2021**, 1-23 | 2.3 | 3 |
| 117 | Dietary nitrate and population health: a narrative review of the translational potential of existing laboratory studies. *BMC Sports Science, Medicine and Rehabilitation*, **2021**, 13, 65 | 2.4 | 1 |
| 116 | Beetroot juice supplementation increases concentric and eccentric muscle power output. Original investigation. *Journal of Science and Medicine in Sport*, **2021**, 24, 80-84 | 4.4 | 8 |
| 115 | Effects of home confinement on mental health and lifestyle behaviours during the COVID-19 outbreak: insights from the ECLB-COVID19 multicentre study. *Biology of Sport*, **2021**, 38, 9-21 | 4.3 | 112 |
| 114 | Oral nitrate reduction is not impaired after training in chlorinated swimming pool water in elite swimmers. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 86-89 | 3 | 1 |
| 113 | The effects of local versus systemic passive heating on the acute inflammatory, vascular and glycaemic response. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 808-818 | 3 | 5 |
| 112 | Globally altered sleep patterns and physical activity levels by confinement in 5056 individuals: ECLB COVID-19 international online survey.. *Biology of Sport*, **2021**, 38, 495-506 | 4.3 | 54 |
| 111 | The effect of dietary phytochemicals on nuclear factor erythroid 2-related factor 2 (Nrf2) activation: a systematic review of human intervention trials. *Molecular Biology Reports*, **2021**, 48, 1745-1761 | 2.8 | 11 |
| 110 | Independent and combined impact of hypoxia and acute inorganic nitrate ingestion on thermoregulatory responses to the cold. *European Journal of Applied Physiology*, **2021**, 121, 1207-1218 | 3.4 | 0 |
| 109 | Caffeine improves performance but not duration of the countermovement jump phases. *Journal of Sports Medicine and Physical Fitness*, **2021**, 61, 199-204 | 1.4 | 4 |
| 108 | Influence of Sex and Acute Beetroot Juice Supplementation on 2 KM Running Performance. *Applied Sciences (Switzerland)*, **2021**, 11, 977 | 2.6 | 2 |
| 107 | Effects of COVID-19 Home Confinement on Eating Behaviour and Physical Activity: Results of the ECLB-COVID19 International Online Survey. *Nutrients*, **2020**, 12, | 6.7 | 743 |
| 106 | Impact of a novel home-based exercise intervention on health indicators in inactive premenopausal women: a 12-week randomised controlled trial. *European Journal of Applied Physiology*, **2020**, 120, 771-782 | 3.4 | 5 |

| | | | |
|---|---|---|---|
| 105 | Effects of natural polyphenol-rich pomegranate juice on the acute and delayed response of Homocysteine and steroidal hormones following weightlifting exercises: a double-blind, placebo-controlled trial. *Journal of the International Society of Sports Nutrition*, **2020**, 17, 15 | 4.5 | 4 |
| 104 | Reply from Stephen J. Bailey, Paulo G. Gandra, Andrew M. Jones, Michael C. Hogan and Leonardo Nogueira. *Journal of Physiology*, **2020**, 598, 1643-1644 | 3.9 | |
| 103 | Circulating biomarkers of antioxidant status and oxidative stress in people with cystic fibrosis: A systematic review and meta-analysis. *Redox Biology*, **2020**, 32, 101436 | 11.3 | 22 |
| 102 | Influence of muscle oxygenation and nitrate-rich beetroot juice supplementation on O uptake kinetics and exercise tolerance. *Nitric Oxide - Biology and Chemistry*, **2020**, 99, 25-33 | 5 | 3 |
| 101 | Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. *PLoS ONE*, **2020**, 15, e0240204 | 3.7 | 113 |
| 100 | The effect of dietary (poly)phenols on exercise-induced physiological adaptations: A systematic review and meta-analysis of human intervention trials. *Critical Reviews in Food Science and Nutrition*, **2020**, 1-16 | 11.5 | 5 |
| 99 | The Effect of Dietary Nitrate Supplementation on Isokinetic Torque in Adults: A Systematic Review and Meta-Analysis. *Nutrients*, **2020**, 12, | 6.7 | 2 |
| 98 | Effects of Dietary Nitrate Supplementation on Weightlifting Exercise Performance in Healthy Adults: A Systematic Review. *Nutrients*, **2020**, 12, | 6.7 | 7 |
| 97 | COVID-19 Home Confinement Negatively Impacts Social Participation and Life Satisfaction: A Worldwide Multicenter Study. *International Journal of Environmental Research and Public Health*, **2020**, 17, | 4.6 | 149 |
| 96 | The nitric oxide dependence of cutaneous microvascular function to independent and combined hypoxic cold exposure. *Journal of Applied Physiology*, **2020**, 129, 947-956 | 3.7 | 2 |
| 95 | Effect of Beetroot Juice Supplementation on Mood, Perceived Exertion, and Performance During a 30-Second Wingate Test. *International Journal of Sports Physiology and Performance*, **2020**, 15, 243-248 | 3.5 | 21 |
| 94 | Effects of natural polyphenol-rich pomegranate juice supplementation on plasma ion and lipid profiles following resistance exercise: a placebo-controlled trial. *Nutrition and Metabolism*, **2020**, 17, 31 | 4.6 | 2 |
| 93 | Influence of Dietary Nitrate Supplementation on High-Intensity Intermittent Running Performance at Different Doses of Normobaric Hypoxia in Endurance-Trained Males. *International Journal of Sport Nutrition and Exercise Metabolism*, **2020**, 31, 1-8 | 4.4 | 2 |
| 92 | Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study **2020**, 15, e0240204 | | |
| 91 | Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study **2020**, 15, e0240204 | | |
| 90 | Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study **2020**, 15, e0240204 | | |
| 89 | Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study **2020**, 15, e0240204 | | |
| 88 | Incubation with sodium nitrite attenuates fatigue development in intact single mouse fibres at physiological. *Journal of Physiology*, **2019**, 597, 5429-5443 | 3.9 | 20 |

| | | | |
|---|---|---|---|
| 87 | Independent and Combined Effects of All-Out Sprint and Low-Intensity Continuous Exercise on Plasma Oxidative Stress Biomarkers in Trained Judokas. *Frontiers in Physiology*, **2019**, 10, 842 | 4.6 | 10 |
| 86 | Contralateral fatigue during severe-intensity single-leg exercise: influence of acute acetaminophen ingestion. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R346-R354 | 3.2 | 7 |
| 85 | Changes in the power-duration relationship following prolonged exercise: estimation using conventional and all-out protocols and relationship with muscle glycogen. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R59-R67 | 3.2 | 15 |
| 84 | Effects of Playing Surface on Physical, Physiological, and Perceptual Responses to a Repeated-Sprint Ability Test: Natural Grass Versus Artificial Turf. *International Journal of Sports Physiology and Performance*, **2019**, 1219-1226 | 3.5 | 2 |
| 83 | Acute ibuprofen ingestion does not attenuate fatigue during maximal intermittent knee extensor or all-out cycling exercise. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 208-215 | 3 | 2 |
| 82 | "Beet" the cold: beetroot juice supplementation improves peripheral blood flow, endothelial function, and anti-inflammatory status in individuals with Raynaud's phenomenon. *Journal of Applied Physiology*, **2019**, 127, 1478-1490 | 3.7 | 14 |
| 81 | Dynamics of the power-duration relationship during prolonged endurance exercise and influence of carbohydrate ingestion. *Journal of Applied Physiology*, **2019**, 127, 726-736 | 3.7 | 20 |
| 80 | The Efficacy of Administering Fruit-Derived Polyphenols to Improve Health Biomarkers, Exercise Performance and Related Physiological Responses. *Nutrients*, **2019**, 11, | 6.7 | 20 |
| 79 | No Effect of Beetroot Juice Supplementation on 100-m and 200-m Swimming Performance in Moderately Trained Swimmers. *International Journal of Sports Physiology and Performance*, **2019**, 14, 706-710 | 3.5 | 8 |
| 78 | Time-trial performance is not impaired in either competitive athletes or untrained individuals following a prolonged cognitive task. *European Journal of Applied Physiology*, **2019**, 119, 149-161 | 3.4 | 9 |
| 77 | Road cycle TT performance: Relationship to the power-duration model and association with FTP. *Journal of Sports Sciences*, **2019**, 37, 902-910 | 3.6 | 14 |
| 76 | Acetaminophen ingestion improves muscle activation and performance during a 3-min all-out cycling test. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 434-442 | 3 | 11 |
| 75 | Lowering of blood pressure after nitrate-rich vegetable consumption is abolished with the co-ingestion of thiocyanate-rich vegetables in healthy normotensive males. *Nitric Oxide - Biology and Chemistry*, **2018**, 74, 39-46 | 5 | 15 |
| 74 | Effects of Two Hours of Heavy-Intensity Exercise on the Power-Duration Relationship. *Medicine and Science in Sports and Exercise*, **2018**, 50, 1658-1668 | 1.2 | 23 |
| 73 | Acute acetaminophen ingestion improves performance and muscle activation during maximal intermittent knee extensor exercise. *European Journal of Applied Physiology*, **2018**, 118, 595-605 | 3.4 | 14 |
| 72 | A high-sensitivity electrochemiluminescence-based ELISA for the measurement of the oxidative stress biomarker, 3-nitrotyrosine, in human blood serum and cells. *Free Radical Biology and Medicine* , **2018**, 120, 246-254 | 7.8 | 11 |
| 71 | Improvement of Oxygen-Uptake Kinetics and Cycling Performance With Combined Prior Exercise and Fast Start. *International Journal of Sports Physiology and Performance*, **2018**, 13, 305-312 | 3.5 | 0 |
| 70 | Ischemic preconditioning enhances critical power during a 3 minute all-out cycling test. *Journal of Sports Sciences*, **2018**, 36, 1038-1043 | 3.6 | 15 |

| | | | |
|---|---|---|---|
| 69 | Critical power is positively related to skeletal muscle capillarity and type I muscle fibers in endurance-trained individuals. *Journal of Applied Physiology*, **2018**, 125, 737-745 | 3.7 | 28 |
| 68 | Discrete physiological effects of beetroot juice and potassium nitrate supplementation following 4-wk sprint interval training. *Journal of Applied Physiology*, **2018**, 124, 1519-1528 | 3.7 | 14 |
| 67 | The Effects of -Alanine Supplementation on Muscle pH and the Power-Duration Relationship during High-Intensity Exercise. *Frontiers in Physiology*, **2018**, 9, 111 | 4.6 | 10 |
| 66 | Beetroot juice ingestion during prolonged moderate-intensity exercise attenuates progressive rise in O uptake. *Journal of Applied Physiology*, **2018**, 124, 1254-1263 | 3.7 | 13 |
| 65 | Effects of pomegranate supplementation on exercise performance and post-exercise recovery in healthy adults: a systematic review. *British Journal of Nutrition*, **2018**, 120, 1201-1216 | 3.6 | 28 |
| 64 | Influence of dietary nitrate supplementation on local sweating and cutaneous vascular responses during exercise in a hot environment. *European Journal of Applied Physiology*, **2018**, 118, 1579-1588 | 3.4 | 7 |
| 63 | Nitrate and Exercise Performance **2017**, 293-310 | | 1 |
| 62 | Influence of dietary nitrate supplementation on physiological and muscle metabolic adaptations to sprint interval training. *Journal of Applied Physiology*, **2017**, 122, 642-652 | 3.7 | 32 |
| 61 | Muscle metabolic and neuromuscular determinants of fatigue during cycling in different exercise intensity domains. *Journal of Applied Physiology*, **2017**, 122, 446-459 | 3.7 | 116 |
| 60 | Influence of iodide ingestion on nitrate metabolism and blood pressure following short-term dietary nitrate supplementation in healthy normotensive adults. *Nitric Oxide - Biology and Chemistry* , **2017**, 63, 13-20 | 5 | 6 |
| 59 | The Effects of Mental Fatigue on Physical Performance: A Systematic Review. *Sports Medicine*, **2017** , 47, 1569-1588 | 10.6 | 281 |
| 58 | Effects of dietary nitrate supplementation on the response to extremity cooling and endothelial function in individuals with cold sensitivity. A double blind, placebo controlled, crossover, randomised control trial. *Nitric Oxide - Biology and Chemistry*, **2017**, 70, 76-85 | 5 | 11 |
| 57 | Effects of self-paced interval and continuous training on health markers in women. *European Journal of Applied Physiology*, **2017**, 117, 2281-2293 | 3.4 | 21 |
| 56 | The effect of dietary nitrate supplementation on the spatial heterogeneity of quadriceps deoxygenation during heavy-intensity cycling. *Physiological Reports*, **2017**, 5, e13340 | 2.6 | 7 |
| 55 | Effects of Pomegranate Juice Supplementation on Oxidative Stress Biomarkers Following Weightlifting Exercise. *Nutrients*, **2017**, 9, | 6.7 | 40 |
| 54 | Effects of Priming and Pacing Strategy on Oxygen-Uptake Kinetics and Cycling Performance. *International Journal of Sports Physiology and Performance*, **2016**, 11, 440-7 | 3.5 | 9 |
| 53 | The constant work rate critical power protocol overestimates ramp incremental exercise performance. *European Journal of Applied Physiology*, **2016**, 116, 2415-2422 | 3.4 | 9 |
| 52 | Improvement in blood pressure after short-term inorganic nitrate supplementation is attenuated in cigarette smokers compared to non-smoking controls. *Nitric Oxide - Biology and Chemistry*, **2016**, 61, 29-37 | 5 | 14 |

| | | | |
|---|---|---|---|
| 51 | Dietary nitrate supplementation improves sprint and high-intensity intermittent running performance. *Nitric Oxide - Biology and Chemistry*, **2016**, 61, 55-61 | 5 | 62 |
| 50 | Influence of beetroot juice supplementation on intermittent exercise performance. *European Journal of Applied Physiology*, **2016**, 116, 415-25 | 3.4 | 58 |
| 49 | Cycling on a Bike Desk Positively Influences Cognitive Performance. *PLoS ONE*, **2016**, 11, e0165510 | 3.7 | 22 |
| 48 | 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 | 5 | 43 |
| 47 | Fiber Type-Specific Effects of Dietary Nitrate. *Exercise and Sport Sciences Reviews*, **2016**, 44, 53-60 | 6.7 | 80 |
| 46 | 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 | 5 | 45 |
| 45 | Dietary nitrate supplementation attenuates the reduction in exercise tolerance following blood donation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H1520-H1529 | 5.2 | 9 |
| 44 | Inorganic nitrate supplementation improves muscle oxygenation, O□uptake kinetics, and exercise tolerance at high but not low pedal rates. *Journal of Applied Physiology*, **2015**, 118, 1396-405 | 3.7 | 80 |
| 43 | Self-pacing increases critical power and improves performance during severe-intensity exercise. *Applied Physiology, Nutrition and Metabolism*, **2015**, 40, 662-70 | 3 | 44 |
| 42 | l-Citrulline supplementation improves O2 uptake kinetics and high-intensity exercise performance in humans. *Journal of Applied Physiology*, **2015**, 119, 385-95 | 3.7 | 73 |
| 41 | On the mechanism by which dietary nitrate improves human skeletal muscle function. *Frontiers in Physiology*, **2015**, 6, 211 | 4.6 | 37 |
| 40 | Effects of interval and continuous training on O2 uptake kinetics during severe-intensity exercise initiated from an elevated metabolic baseline. *Journal of Applied Physiology*, **2014**, 116, 1068-77 | 3.7 | 5 |
| 39 | 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, R920-30 | 3.2 | 79 |
| 38 | Influence of all-out start duration on pulmonary oxygen uptake kinetics and high-intensity exercise performance. *Journal of Strength and Conditioning Research*, **2014**, 28, 2187-94 | 3.2 | 2 |
| 37 | Dietary nitrate supplementation improves team sport-specific intense intermittent exercise performance. *European Journal of Applied Physiology*, **2013**, 113, 1673-84 | 3.4 | 137 |
| 36 | Influence of dietary nitrate supplementation on exercise tolerance and performance. *Nestle Nutrition Institute Workshop Series*, **2013**, 75, 27-40 | 1.9 | 13 |
| 35 | No effect of acute L-arginine supplementation on O□cost or exercise tolerance. *European Journal of Applied Physiology*, **2013**, 113, 1805-19 | 3.4 | 23 |
| 34 | 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, 517-28 | 4.6 | 71 |

| | | | |
|---|---|---|---|
| 33 | Muscle metabolic determinants of exercise tolerance following exhaustion: relationship to the "critical power". *Journal of Applied Physiology*, **2013**, 115, 243-50 | 3.7 | 49 |
| 32 | .VO2max is not altered by self-pacing during incremental exercise. *European Journal of Applied Physiology*, **2013**, 113, 529-39 | 3.4 | 44 |
| 31 | .VO2max is not altered by self-pacing during incremental exercise: reply to the letter of Alexis R. Mauger. *European Journal of Applied Physiology*, **2013**, 113, 543-4 | 3.4 | 10 |
| 30 | Beetroot juice supplementation speeds O2 uptake 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, R1441-50 | 3.2 | 107 |
| 29 | Muscle metabolic responses during high-intensity intermittent exercise measured by (31)P-MRS: relationship to the critical power concept. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R1085-92 | 3.2 | 31 |
| 28 | Beetroot juice and exercise: pharmacodynamic and dose-response relationships. *Journal of Applied Physiology*, **2013**, 115, 325-36 | 3.7 | 285 |
| 27 | Effects of short-term dietary nitrate supplementation on blood pressure, O2 uptake kinetics, and muscle and cognitive function in older adults. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R73-83 | 3.2 | 146 |
| 26 | Effects of pacing strategy on work done above critical power during high-intensity exercise. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1377-85 | 1.2 | 38 |
| 25 | Dietary nitrate and O□ consumption during exercise. *Medicine and Sport Science*, **2012**, 59, 29-35 | | 14 |
| 24 | Influence of passive lower-body heating on muscle metabolic perturbation and high-intensity exercise tolerance in humans. *European Journal of Applied Physiology*, **2012**, 112, 3569-76 | 3.4 | 5 |
| 23 | Influence of acute dietary nitrate supplementation on 50 mile time trial performance in well-trained cyclists. *European Journal of Applied Physiology*, **2012**, 112, 4127-34 | 3.4 | 149 |
| 22 | The nitrate-nitrite-nitric oxide pathway: Its role in human exercise physiology. *European Journal of Sport Science*, **2012**, 12, 309-320 | 3.9 | 52 |
| 21 | Exercise tolerance in intermittent cycling: application of the critical power concept. *Medicine and Science in Sports and Exercise*, **2012**, 44, 966-76 | 1.2 | 48 |
| 20 | Fast-start strategy improves VO2 kinetics and high-intensity exercise performance. *Medicine and Science in Sports and Exercise*, **2011**, 43, 457-67 | 1.2 | 49 |
| 19 | Reply to Lundberg, Larsen, and Weitzberg. *Journal of Applied Physiology*, **2011**, 111, 619 | 3.7 | 4 |
| 18 | Dietary nitrate reduces muscle metabolic perturbation and improves exercise tolerance in hypoxia. *Journal of Physiology*, **2011**, 589, 5517-28 | 3.9 | 145 |
| 17 | Influence of N-acetylcysteine administration on pulmonary O□ uptake kinetics and exercise tolerance in humans. *Respiratory Physiology and Neurobiology*, **2011**, 175, 121-9 | 2.8 | 21 |
| 16 | Dietary nitrate supplementation reduces the O2 cost of walking and running: a placebo-controlled study. *Journal of Applied Physiology*, **2011**, 110, 591-600 | 3.7 | 302 |

| | | | |
|---|---|---|---|
| 15 | Muscle fiber recruitment and the slow component of O2 uptake: constant work rate vs. all-out sprint exercise. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 300, R700-7 | 3.2 | 121 |
| 14 | Acute dietary nitrate supplementation improves cycling time trial performance. *Medicine and Science in Sports and Exercise*, **2011**, 43, 1125-31 | 1.2 | 248 |
| 13 | Inspiratory muscle training enhances pulmonary O(2) uptake kinetics and high-intensity exercise tolerance in humans. *Journal of Applied Physiology*, **2010**, 109, 457-68 | 3.7 | 60 |
| 12 | Elevated baseline VO2 per se does not slow O2 uptake kinetics during work-to-work exercise transitions. *Journal of Applied Physiology*, **2010**, 109, 1148-54 | 3.7 | 22 |
| 11 | Dietary nitrate supplementation enhances muscle contractile efficiency during knee-extensor exercise in humans. *Journal of Applied Physiology*, **2010**, 109, 135-48 | 3.7 | 407 |
| 10 | Acute L-arginine supplementation reduces the O2 cost of moderate-intensity exercise and enhances high-intensity exercise tolerance. *Journal of Applied Physiology*, **2010**, 109, 1394-403 | 3.7 | 92 |
| 9 | 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, R1121-31 | 3.2 | 334 |
| 8 | Priming exercise speeds pulmonary O2 uptake kinetics during supine "work-to-work" high-intensity cycle exercise. *Journal of Applied Physiology*, **2010**, 108, 283-92 | 3.7 | 29 |
| 7 | Influence of priming exercise on muscle [PCr] and pulmonary O2 uptake dynamics during work-to-work knee-extension exercise. *Respiratory Physiology and Neurobiology*, **2010**, 172, 15-23 | 2.8 | 20 |
| 6 | Influence of body position on muscle deoxy[Hb+Mb] during ramp cycle exercise. *Respiratory Physiology and Neurobiology*, **2010**, 173, 138-45 | 2.8 | 26 |
| 5 | Optimizing the "priming" effect: influence of prior exercise intensity and recovery duration on O2 uptake kinetics and severe-intensity exercise tolerance. *Journal of Applied Physiology*, **2009**, 107, 1743-56 | 3.7 | 99 |
| 4 | Influence of priming exercise on pulmonary O2 uptake kinetics during transitions to high-intensity exercise at extreme pedal rates. *Journal of Applied Physiology*, **2009**, 106, 432-42 | 3.7 | 17 |
| 3 | Dietary nitrate supplementation reduces the O2 cost of low-intensity exercise and enhances tolerance to high-intensity exercise in humans. *Journal of Applied Physiology*, **2009**, 107, 1144-55 | 3.7 | 519 |
| 2 | Influence of extreme pedal rates on pulmonary O(2) uptake kinetics during transitions to high-intensity exercise from an elevated baseline. *Respiratory Physiology and Neurobiology*, **2009**, 169, 16-23 | 2.8 | 12 |
| 1 | Influence of repeated sprint training on pulmonary O2 uptake and muscle deoxygenation kinetics in humans. *Journal of Applied Physiology*, **2009**, 106, 1875-87 | 3.7 | 131 |