Robert F Chapman

List of Publications by Year
in descending order

51 papers	1,623 citations	394421 19 h-index	302126 39 g-index
51 all docs	51 docs citations	51 times ranked	1299 citing authors

#	Article	IF	Citations
1	A Narrative Analysis of the Progression in the Top 100 Marathon, Half-Marathon, and 10-km Road Race Times from 2001 to 2019. Medicine and Science in Sports and Exercise, 2022, 54, 345-352.	0.4	2
2	Nedocromil sodium and diphenhydramine HCl ameliorate exerciseâ€induced arterial hypoxemia in highly trained athletes. Physiological Reports, 2022, 10, e15149.	1.7	0
3	High Intraindividual Variability in the Response of Serum Erythropoietin to Multiple Simulated Altitude Exposures. High Altitude Medicine and Biology, 2022, 23, 85-89.	0.9	4
4	Heat Versus Altitude Training for Endurance Performance at Sea Level. Exercise and Sport Sciences Reviews, 2021, 49, 50-58.	3.0	11
5	Ventilatory Responsiveness during Exercise and Performance Impairment in Acute Hypoxia. Medicine and Science in Sports and Exercise, 2021, 53, 295-305.	0.4	3
6	â€œTrain-High Sleep-Lowâ€•Dietary Periodization Does Not Alter Ventilatory Strategies During Cycling Exercise. Journal of the American College of Nutrition, 2020, 39, 325-332.	1.8	0
7	Serum ferritin distribution in elite athletes. Journal of Science and Medicine in Sport, 2020, 23, 554-558.	1.3	22
8	Respiratory Muscle Fatigue Alters Cycling Performance and Locomotor Muscle Fatigue. Medicine and Science in Sports and Exercise, 2020, 52, 2380-2389.	0.4	2
9	Attentional focus does not impact locomotorâ€“respiratory coupling in trained runners. European Journal of Applied Physiology, 2020, 120, 2477-2486.	2.5	1
10	Influence of Zinc on the Acute Changes in Erythropoietin and Proinflammatory Cytokines with Hypoxia. High Altitude Medicine and Biology, 2020, 22, 148-156.	0.9	4
11	Commentaries on Viewpoint: Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1069-1085.	2.5	12
12	Career Performance Progressions of Junior and Senior Elite Track and Field Athletes. Journal of Science in Sport and Exercise, 2019, 1, 168-175.	1.0	8
13	Iron insufficiency diminishes the erythropoietic response to moderate altitude exposure. Journal of Applied Physiology, 2019, 127, 1569-1578.	2.5	13
14	Inspiratory Muscle Training: Improvement of Exercise Performance With Acute Hypoxic Exposure. International Journal of Sports Physiology and Performance, 2019, 14, 1124-1131.	2.3	5
15	Ischemic Preconditioning, O2 Kinetics, and Performance in Normoxia and Hypoxia. Medicine and Science in Sports and Exercise, 2019, 51, 900-911.	0.4	19
16	Effect of carbohydrate ingestion on central fatigue during prolonged running exercise in moderate hypoxia. Journal of Applied Physiology, 2019, 126, 141-151.	2.5	3
17	Is live highâ€“train low altitude training relevant for elite athletes? Flawed analysis from inaccurate data. British Journal of Sports Medicine, 2019, 53, 923-925.	6.7	27
18	Altitude. , 2018, , 125-144.		0

#	Article	IF	Citations
19	Inspiratory muscle training improves exercise capacity with thoracic load carriage. Physiological Reports, 2018, 6, e13558.	1.7	15
20	Repeated High-Intensity Cycling Performance Is Unaffected by Timing of Carbohydrate Ingestion. Journal of Strength and Conditioning Research, 2018, 32, 2243-2249.	2.1	1
21	Synchronizing Gait with Cardiac Cycle Phase Alters Heart Rate Response during Running. Medicine and Science in Sports and Exercise, 2018, 50, 1046-1053.	0.4	15
22	Locomotor-respiratory coupling is maintained in simulated moderate altitude in trained distance runners. Journal of Applied Physiology, 2018, 125, 1-7.	2.5	6
23	Acute hypercapnia does not alter voluntary drive to the diaphragm in healthy humans. Respiratory Physiology and Neurobiology, 2018, 258, 60-68.	1.6	1
24	The Effects of PCSO-524Â®, a Patented Marine Oil Lipid derived from the New Zealand Green Lipped Mussel (), on Pulmonary and Respiratory Muscle Function in Non-asthmatic Elite Runners. International Journal of Exercise Science, 2018, 11, 669-680.	0.5	0
25	A Clinician Guide to Altitude Training for Optimal Endurance Exercise Performance at Sea Level. High Altitude Medicine and Biology, 2017, 18, 93-101.	0.9	21
26	Prevalence of Exercise-Induced Arterial Hypoxemia in Distance Runners at Sea Level. Medicine and Science in Sports and Exercise, 2017, 49, 948-954.	0.4	19
27	Short-term arrival strategies for endurance exercise performance at moderate altitude. Journal of Applied Physiology, 2017, 123, 1258-1265.	2.5	10
28	Respiratory Effects of Thoracic Load Carriage Exercise and Inspiratory Muscle Training as a Strategy to Optimize Respiratory Muscle Performance with Load Carriage. Springer Science Reviews, 2017, 5, 49-64.	1.3	9
29	Living altitude influences endurance exercise performance change over time at altitude. Journal of Applied Physiology, 2016, 120, 1151-1158.	2.5	23
30	The role of inspiratory muscle training in the management of asthma and exercise-induced bronchoconstriction. Physician and Sportsmedicine, 2016, 44, 327-334.	2.1	46
31	Runners maintain locomotorâ€“respiratory coupling following isocapnic voluntary hyperpnea to task failure. European Journal of Applied Physiology, 2015, 115, 2395-2405.	2.5	6
32	Endurance exercise performance in acute hypoxia is influenced by expiratory flow limitation. European Journal of Applied Physiology, 2015, 115, 1653-1663.	2.5	16
33	Hypoxic training methods for improving endurance exercise performance. Journal of Sport and Health Science, 2015, 4, 325-332.	6.5	63
34	Timing of return from altitude training for optimal sea level performance. Journal of Applied Physiology, 2014, 116, 837-843.	2.5	53
35	Operating lung volumes are affected by exercise mode but not trunk and hip angle during maximal exercise. European Journal of Applied Physiology, 2014, 114, 2387-2397.	2.5	17
36	Defining the â€œdoseâ€•of altitude training: how high to live for optimal sea level performance enhancement. Journal of Applied Physiology, 2014, 116, 595-603.	2.5	88

#	Article	IF	Citations
37	Functional Movement Scores and Longitudinal Performance Outcomes in Elite Track and Field Athletes. International Journal of Sports Physiology and Performance, 2014, 9, 203-211.	2.3	40
38	Increases in $$ dot{V} $$ O2max with â€œlive highâ€“train lowâ€•altitude training: role of ventilatory acclimatization. European Journal of Applied Physiology, 2013, 113, 419-426.	2.5	20
39	The individual response to training and competition at altitude. British Journal of Sports Medicine, 2013, 47, i40-i44.	6.7	70
40	Timing of Arrival and Pre-acclimatization Strategies for the Endurance Athlete Competing at Moderate to High Altitudes. High Altitude Medicine and Biology, 2013, 14, 319-324.	0.9	26
41	Ground Contact Time as an Indicator of Metabolic Cost in Elite Distance Runners. Medicine and Science in Sports and Exercise, 2012, 44, 917-925.	0.4	53
42	Live-High Train-Low Altitude Training on Maximal Oxygen Consumption in Athletes: A Systematic Review and Meta-Analysis. International Journal of Sports Science and Coaching, 2012, 7, 15-19.	1.4	5
43	Inspiratory muscle training lowers the oxygen cost of voluntary hyperpnea. Journal of Applied Physiology, 2012, 112, 127-134.	2.5	54
44	Impairment of 3000-m Run Time at Altitude Is Influenced by Arterial Oxyhemoglobin Saturation. Medicine and Science in Sports and Exercise, 2011, 43, 1649-1656.	0.4	48
45	Epo production at altitude in elite endurance athletes is not associated with the sea level hypoxic ventilatory response. Journal of Science and Medicine in Sport, 2010, 13, 624-629.	1.3	18
46	Altitude training considerations for the winter sport athlete. Experimental Physiology, 2010, 95, 411-421.	2.0	37
47	Caffeine Stimulates Ventilation in Athletes with Exercise-Induced Hypoxemia. Medicine and Science in Sports and Exercise, 2008, 40, 1080-1086.	0.4	19
48	â€œLiving high-training lowâ€•altitude training improves sea level performance in male and female elite runners. Journal of Applied Physiology, 2001, 91, 1113-1120.	2.5	275
49	Expiratory flow limitation confounds ventilatory response during exercise in athletes. Medicine and Science in Sports and Exercise, 2000, 32, 1873-1879.	0.4	36
50	Degree of arterial desaturation in normoxia influences &OV0312;O2max decline in mild hypoxia. Medicine and Science in Sports and Exercise, 1999, 31, 658-663.	0.4	79
51	Individual variation in response to altitude training. Journal of Applied Physiology, 1998, 85, 1448-1456.	2.5	298