Gregoire P Millet

List of Publications by Year in Descending Order

387 papers	8,755 citations	50 h-index	71 g-index
427 ext. papers	10,839 ext. citations	4.4 avg, IF	6.65 L-index

#	Paper	IF	Citations
387	Adaptive responses to hypoxia and/or hyperoxia in humans.. *Antioxidants and Redox Signaling*, **2022** ,	8.4	5
386	Does Regular Physical Activity Mitigate the Age-Associated Decline in Pulmonary Function?. *Sports Medicine*, **2022**, 1	10.6	0
385	Kinetics of neuropeptide Y, catecholamines, and physiological responses during moderate and heavy intensity exercises.. *Neuropeptides*, **2022**, 92, 102232	3.3	2
384	Neuromuscular fatigability during repeated sprints assessed with an innovative cycle ergometer.. *European Journal of Applied Physiology*, **2022**, 1	3.4	
383	Kinetics of Cardiac Remodeling and Fibrosis Biomarkers During an Extreme Mountain Ultramarathon.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 790551	5.4	1
382	Commentaries on Viewpoint: Consider iron status when making sex comparisons in human physiology.. *Journal of Applied Physiology*, **2022**, 132, 703-709	3.7	1
381	Dietary Nitrate Supplementation Is Not Helpful for Endurance Performance at Simulated Altitude Even When Combined With Intermittent Normobaric Hypoxic Training.. *Frontiers in Physiology*, **2022** , 13, 839996	4.6	
380	Alterations in spontaneous electrical brain activity after an extreme mountain ultramarathon.. *Biological Psychology*, **2022**, 108348	3.2	
379	Hypoxia and hemorheological properties in older individuals. *Ageing Research Reviews*, **2022**, 79, 101650	12	1
378	The interplay of hypoxic and mental stress: implications for anxiety and depressive disorders. *Neuroscience and Biobehavioral Reviews*, **2022**, 104718	9	0
377	Boosting mitochondrial health to counteract neurodegeneration. *Progress in Neurobiology*, **2022**, 215, 102289	10.9	2
376	Altitude and COVID-19: Friend or foe? A narrative review. *Physiological Reports*, **2021**, 8, e14615	2.6	19
375	Olympic Sports Science-Bibliometric Analysis of All Summer and Winter Olympic Sports Research. *Frontiers in Sports and Active Living*, **2021**, 3, 772140	2.3	2
374	High-intensity Activity in European vs. National Rugby Union Games in the best 2014-2015 Team. *International Journal of Sports Medicine*, **2021**, 42, 529-536	3.6	0
373	Quantitative Magnetic Resonance Imaging Assessment of the Quadriceps Changes during an Extreme Mountain Ultramarathon. *Medicine and Science in Sports and Exercise*, **2021**, 53, 869-881	1.2	2
372	Post-exercise accumulation of interstitial lung water is greater in hypobaric than normobaric hypoxia in adults born prematurely. *Respiratory Physiology and Neurobiology*, **2021**, 103828	2.8	0
371	Effects of Active Preconditioning With Local and Systemic Hypoxia on Submaximal Cycling. *International Journal of Sports Physiology and Performance*, **2021**, 1-6	3.5	

370	Training During the COVID-19 Lockdown: Knowledge, Beliefs, and Practices of 12,526 Athletes from 142 Countries and Six Continents. *Sports Medicine*, **2021**, 1	10.6	14
369	Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes. *JAMA Internal Medicine*, **2021**, 181, 1678	11.5	
368	How does playing position affect fatigue-induced changes in high-intensity locomotor and micro-movements patterns during professional rugby union games?. *European Journal of Sport Science*, **2021**, 21, 1364-1374	3.9	2
367	Maximal and Submaximal Cardiorespiratory Responses to a Novel Graded Karate Test. *Journal of Sports Science and Medicine*, **2021**, 20, 310-316	2.7	0
366	Evaluation of a Strength-Training Program on Clinical Outcomes in Older Adults. *JAMA - Journal of the American Medical Association*, **2021**, 325, 1110-1111	27.4	1
365	Sleep Deprivation Deteriorates Heart Rate Variability and Photoplethysmography. *Frontiers in Neuroscience*, **2021**, 15, 642548	5.1	4
364	Continuous Analysis of Marathon Running Using Inertial Sensors: Hitting Two Walls?. *International Journal of Sports Medicine*, **2021**, 42, 1182-1190	3.6	2
363	Hypoxia, Acidification and Inflammation: Partners in Crime in Parkinson Disease Pathogenesis?. *Immuno*, **2021**, 1, 78-90		2
362	Does living at moderate altitudes in Austria affect mortality rates of various causes? An ecological study. *BMJ Open*, **2021**, 11, e048520	3	10
361	The Muscle-Brain Axis and Neurodegenerative Diseases: The Key Role of Mitochondria in Exercise-Induced Neuroprotection. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9
360	Effect of hypoxia and nitrate supplementation on different high-intensity interval-training sessions. *European Journal of Applied Physiology*, **2021**, 121, 2585-2594	3.4	0
359	High-intensity exercise in hypoxia improves endothelial function via increased nitric oxide bioavailability in C57BL/6 mice. *Acta Physiologica*, **2021**, 233, e13700	5.6	1
358	Obesity and Mortality Among Patients Diagnosed With COVID-19. *Annals of Internal Medicine*, **2021**, 174, 887	8	1
357	Impact of High Altitude on Cardiovascular Health: Current Perspectives. *Vascular Health and Risk Management*, **2021**, 17, 317-335	4.4	8
356	Level, Uphill, and Downhill Running Economy Values Are Correlated Except on Steep Slopes. *Frontiers in Physiology*, **2021**, 12, 697315	4.6	5
355	Comparing Hypoxic and Heat Stressors: More Challenging Than it Seems. *Exercise and Sport Sciences Reviews*, **2021**, 49, 223-224	6.7	
354	Hypoxia and brain aging: Neurodegeneration or neuroprotection?. *Ageing Research Reviews*, **2021**, 68, 101343	12	23
353	Central and peripheral muscle fatigue following repeated-sprint running in moderate and severe hypoxia. *Experimental Physiology*, **2021**, 106, 126-138	2.4	5

352	Response to: The mitochondria-targeted antioxidant MitoQ attenuates exercise-induced mitochondrial DNA damage (Williamson et al., available online 6 August 2020, 101,673). *Redox Biology*, **2021**, 38, 101732	11.3	1
351	Do twelve normobaric hypoxic exposures indeed provoke relevant acclimatization for high-altitude workers?. *International Journal of Biometeorology*, **2021**, 65, 637-638	3.7	0
350	A Rationale for Hypoxic and Chemical Conditioning in Huntington's Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
349	Effects of Normobaric Hypoxia on Matched-severe Exercise and Power-duration Relationship. *International Journal of Sports Medicine*, **2021**, 42, 708-715	3.6	4
348	Hypoxia Conditioning as a Promising Therapeutic Target in Parkinson's Disease?. *Movement Disorders*, **2021**, 36, 857-861	7	8
347	Hypoxic Respiratory Chemoreflex Control in Young Trained Swimmers. *Frontiers in Physiology*, **2021** , 12, 632603	4.6	2
346	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. *Redox Biology*, **2021**, 43, 101976	11.3	10
345	Muscle strength explains the protective effect of physical activity against COVID-19 hospitalization among adults aged 50 years and older. *Journal of Sports Sciences*, **2021**, 1-8	3.6	2
344	Muscle strength is associated with COVID-19 hospitalization in adults 50 years of age or older. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 1136-1143	10.3	9
343	Indirect Estimation of Breathing Rate from Heart Rate Monitoring System during Running. *Sensors*, **2021**, 21,	3.8	6
342	Is Altitude Training Bad for the Running Mechanics of Middle-Distance Runners?. *International Journal of Sports Physiology and Performance*, **2021**, 1-4	3.5	0
341	Sex-dependent blood pressure regulation in acute hypoxia. *Hypertension Research*, **2021**, 44, 1689	4.7	0
340	Moderate Altitude Residence Reduces Male Colorectal and Female Breast Cancer Mortality More Than Incidence: Therapeutic Implications?. *Cancers*, **2021**, 13,	6.6	1
339	Conditioning the Brain: From Exercise to Hypoxia. *Exercise and Sport Sciences Reviews*, **2021**, 49, 291-292	6.7	1
338	Fatal attraction - The role of hypoxia when alpha-synuclein gets intimate with mitochondria. *Neurobiology of Aging*, **2021**, 107, 128-141	5.6	1
337	Differences in the prevalence of physical activity and cardiovascular risk factors between people living at low (. *AIMS Public Health*, **2021**, 8, 624-635	1.9	0
336	Similar Supine Heart Rate Variability Changes During 24-h Exposure to Normobaric vs. Hypobaric Hypoxia.. *Frontiers in Neuroscience*, **2021**, 15, 777800	5.1	0
335	Long-Term Effects of Prematurity on Resting Ventilatory Response to Hypercapnia.. *High Altitude Medicine and Biology*, **2021**, 22, 420-425	1.9	0

334	(Indoor) isolation, stress, and physical inactivity: Vicious circles accelerated by COVID-19?. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 1544-1545	4.6	79
333	Effect of pre-term birth on oxidative stress responses to normoxic and hypoxic exercise. *Redox Biology*, **2020**, 32, 101497	11.3	3
332	Hypoxic exercise as an effective nonpharmacological therapeutic intervention. *Experimental and Molecular Medicine*, **2020**, 52, 529-530	12.8	3
331	CrossTalk proposal: Barometric pressure, independent of , is the forgotten parameter in altitude physiology and mountain medicine. *Journal of Physiology*, **2020**, 598, 893-896	3.9	29
330	Drift-Free Foot Orientation Estimation in Running Using Wearable IMU. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 65	5.8	15
329	Preterm birth: Potential risk factor for greater COVID-19 severity?. *Respiratory Physiology and Neurobiology*, **2020**, 280, 103484	2.8	6
328	Specific effect of hypobaria on cerebrovascular hypercapnic responses in hypoxia. *Physiological Reports*, **2020**, 8, e14372	2.6	7
327	Defining Off-road Running: A Position Statement from the Ultra Sports Science Foundation. *International Journal of Sports Medicine*, **2020**, 41, 275-284	3.6	38
326	Hypoxic Training Is Beneficial in Elite Athletes. *Medicine and Science in Sports and Exercise*, **2020**, 52, 515-518	4.8	22
325	The fatigue-induced alteration in postural control is larger in hypobaric than in normobaric hypoxia. *Scientific Reports*, **2020**, 10, 483	4.9	5
324	Relationship between cardiorespiratory phase coherence during hypoxia and genetic polymorphism in humans. *Journal of Physiology*, **2020**, 598, 2001-2019	3.9	6
323	An Updated Panorama of "Living Low-Training High" Altitude/Hypoxic Methods. *Frontiers in Sports and Active Living*, **2020**, 2, 26	2.3	17
322	Cardio-respiratory, oxidative stress and acute mountain sickness responses to normobaric and hypobaric hypoxia in prematurely born adults. *European Journal of Applied Physiology*, **2020**, 120, 1341-1355	3.4	6
321	Commentaries on Viewpoint: Physiology and fast marathons. *Journal of Applied Physiology*, **2020**, 128, 1069-1085	3.7	11
320	Effects of COVID-19 lockdown on heart rate variability. *PLoS ONE*, **2020**, 15, e0242303	3.7	11
319	Rebuttal from Grégoire P. Millet and Tadej Debevec. *Journal of Physiology*, **2020**, 598, 901-902	3.9	
318	Insights for Blood Flow Restriction and Hypoxia in Leg Versus Arm Submaximal Exercise. *International Journal of Sports Physiology and Performance*, **2020**, 15, 714-719	3.5	0
317	Minimal Influence of Hypobaria on Heart Rate Variability in Hypoxia and Normoxia. *Frontiers in Physiology*, **2020**, 11, 1072	4.6	3

316	Caution is needed on the effect of altitude on the pathogenesis of SAR-CoV-2 virus. *Respiratory Physiology and Neurobiology*, **2020**, 279, 103464	2.8	7
315	Changes in spatio-temporal gait parameters and vertical speed during an extreme mountain ultra-marathon. *European Journal of Sport Science*, **2020**, 20, 1339-1345	3.9	5
314	Quantification of Neuropeptide Y and Four of Its Metabolites in Human Plasma by Micro-UHPLC-MS/MS. *Analytical Chemistry*, **2020**, 92, 859-866	7.8	3
313	A systematic review on self-determination theory in physical education. *Translational Sports Medicine*, **2020**, 3, 134-147	1.3	6
312	Mitochondria: In the Cross Fire of SARS-CoV-2 and Immunity. *IScience*, **2020**, 23, 101631	6.1	39
311	Running mechanics and leg muscle activity patterns during early and late acceleration phases of repeated treadmill sprints in male recreational athletes. *European Journal of Applied Physiology*, **2020**, 120, 2785-2796	3.4	4
310	Re: "The Effect of an Expiratory Resistance Mask With Dead Space on Sleep, Acute Mountain Sickness, Cognition, and Ventilatory Acclimatization in Normobaric Hypoxia," by Patrician et al. "Global REACH 2018: The Effect of an Expiratory Resistance Mask with Dead Space on Sleep and Acute Mountain Sickness During Acute Exposure to Hypobaric Hypoxia" by Carr et al. *High Altitude*	1.9	1
309	Jumping at the opportunity: Promoting physical activity after COVID-19. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 1549-1550	4.6	1
308	Cardiovascular Consequences of Acute Kidney Injury. *New England Journal of Medicine*, **2020**, 383, 1093	59.2	1
307	On the Use of the Repeated-Sprint Training in Hypoxia in Tennis. *Frontiers in Physiology*, **2020**, 11, 588821	4.6	2
306	Eleven Years' Monitoring of the World's Most Successful Male Biathlete of the Last Decade. *International Journal of Sports Physiology and Performance*, **2020**, 16, 900-905	3.5	5
305	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
304	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
303	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
302	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
301	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
300	Effects of COVID-19 lockdown on heart rate variability **2020**, 15, e0242303		
299	Separate and combined effects of local and systemic hypoxia in resistance exercise. *European Journal of Applied Physiology*, **2019**, 119, 2313-2325	3.4	6

298	Positive expiratory pressure improves arterial and cerebral oxygenation in acute normobaric and hypobaric hypoxia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R754-R762	3.2	8
297	Exercise Overrides Blunted Hypoxic Ventilatory Response in Prematurely Born Men. *Frontiers in Physiology*, **2019**, 10, 437	4.6	7
296	High-Intensity Exercise With Blood Flow Restriction or in Hypoxia as Valuable Spaceflight Countermeasures?. *Frontiers in Physiology*, **2019**, 10, 1266	4.6	5
295	Level Versus Uphill Economy and Mechanical Responses in Elite Ultra-Trail Runners. *International Journal of Sports Physiology and Performance*, **2019**, 14, 1001-1005	3.5	7
294	Space Medicine in the Era of Civilian Spaceflight. *New England Journal of Medicine*, **2019**, 380, e50	59.2	1
293	Leg- vs arm-cycling repeated sprints with blood flow restriction and systemic hypoxia. *European Journal of Applied Physiology*, **2019**, 119, 1819-1828	3.4	12
292	Vascular and oxygenation responses of local ischemia and systemic hypoxia during arm cycling repeated sprints. *Journal of Science and Medicine in Sport*, **2019**, 22, 1151-1156	4.4	7
291	Neuromuscular evaluation of arm-cycling repeated sprints under hypoxia and/or blood flow restriction. *European Journal of Applied Physiology*, **2019**, 119, 1533-1545	3.4	10
290	Cerebral and Muscle Oxygenation during Repeated Shuttle Run Sprints with Hypoventilation. *International Journal of Sports Medicine*, **2019**, 40, 376-384	3.6	8
289	Comparison of Game Movement Positional Profiles Between Professional Club and Senior International Rugby Union Players. *International Journal of Sports Medicine*, **2019**, 40, 385-389	3.6	10
288	Energy-saving walking mechanisms in obese adults. *Journal of Applied Physiology*, **2019**, 126, 1250-1258	3.7	4
287	Upper-body repeated-sprint training in hypoxia in international rugby union players. *European Journal of Sport Science*, **2019**, 19, 1175-1183	3.9	6
286	Supramaximal Intensity Hypoxic Exercise and Vascular Function Assessment in Mice. *Journal of Visualized Experiments*, **2019**,	1.6	2
285	Acute Responses to On-Court Repeated-Sprint Training Performed With Blood Flow Restriction Versus Systemic Hypoxia in Elite Badminton Athletes. *International Journal of Sports Physiology and Performance*, **2019**, 1280-1287	3.5	5
284	On Top to the Top-Acclimatization Strategy for the "Fastest Known Time" to Mount Everest. *International Journal of Sports Physiology and Performance*, **2019**, 14, 1438-1441	3.5	5
283	More on the Record-Breaking Performance in a 70-Year-Old Marathoner. *New England Journal of Medicine*, **2019**, 381, 293	59.2	1
282	Physiological adaptations to repeated sprint training in hypoxia induced by voluntary hypoventilation at low lung volume. *European Journal of Applied Physiology*, **2019**, 119, 1959-1970	3.4	9
281	Influence of Altitude on Elite Biathlon Performances. *High Altitude Medicine and Biology*, **2019**, 20, 312-317	1.9	2

280	The Determinants of the Preferred Walking Speed in Individuals with Obesity. *Obesity Facts*, **2019**, 12, 543-553	5.1	5
279	Effects of exercise in normobaric hypoxia on hemodynamics during muscle metaboreflex activation in normoxia. *European Journal of Applied Physiology*, **2019**, 119, 1137-1148	3.4	6
278	Active Preconditioning With Blood Flow Restriction or/and Systemic Hypoxic Exposure Does Not Improve Repeated Sprint Cycling Performance. *Frontiers in Physiology*, **2019**, 10, 1393	4.6	6
277	Ischemic Preconditioning Maintains Performance on Two 5-km Time Trials in Hypoxia. *Medicine and Science in Sports and Exercise*, **2019**, 51, 2309-2317	1.2	8
276	Wales Anaerobic Test: Reliability and Fitness Profiles of International Rugby Union Players. *Journal of Strength and Conditioning Research*, **2019**,	3.2	1
275	Cardiovascular and Cerebral Responses During a Vasovagal Reaction Without Syncope. *Frontiers in Neuroscience*, **2019**, 13, 1315	5.1	2
274	Repeated-Sprint Training in Hypoxia in International Rugby Union Players. *International Journal of Sports Physiology and Performance*, **2019**, 14, 850-854	3.5	9
273	Photoplethysmography Detection of Overreaching. *Medicine and Science in Sports and Exercise*, **2019**, 51, 701-707	1.2	5
272	Is Maximal Heart Rate Decrease Similar Between Normobaric Versus Hypobaric Hypoxia in Trained and Untrained Subjects?. *High Altitude Medicine and Biology*, **2019**, 20, 94-98	1.9	5
271	Postural Control Follows a Bi-Phasic Alteration Pattern During Mountain Ultra-Marathon. *Frontiers in Physiology*, **2018**, 9, 1971	4.6	5
270	Perceptually Regulated Exercise Test Allows Determination of V̇O2max and Ventilatory Threshold But Not Respiratory Compensation Point In Trained Runners. *International Journal of Sports Medicine*, **2018**, 39, 304-313	3.6	0
269	Effects of Short-Term Normobaric Hypoxic Walking Training on Energetics and Mechanics of Gait in Adults with Obesity. *Obesity*, **2018**, 26, 819-827	8	14
268	Repeated-sprint training in hypoxia induced by voluntary hypoventilation improves running repeated-sprint ability in rugby players. *European Journal of Sport Science*, **2018**, 18, 504-512	3.9	11
267	Overload blunts baroreflex only in overreached athletes. *Journal of Science and Medicine in Sport*, **2018**, 21, 941-949	4.4	6
266	How accurate is visual determination of foot strike pattern and pronation assessment. *Gait and Posture*, **2018**, 60, 200-202	2.6	6
265	The 2018 Lake Louise Acute Mountain Sickness Score. *High Altitude Medicine and Biology*, **2018**, 19, 4-6	1.9	171
264	Repeated maximal-intensity hypoxic exercise superimposed to hypoxic residence boosts skeletal muscle transcriptional responses in elite team-sport athletes. *Acta Physiologica*, **2018**, 222, e12851	5.6	30
263	Do male athletes with already high initial haemoglobin mass benefit from 'live high-train low' altitude training?. *Experimental Physiology*, **2018**, 103, 68-76	2.4	15

262	Shock microcycle of repeated-sprint training in hypoxia and tennis performance: Case study in a rookie professional player. *International Journal of Sports Science and Coaching*, **2018**, 13, 723-728	1.8	5
261	Accurate Estimation of Running Temporal Parameters Using Foot-Worn Inertial Sensors. *Frontiers in Physiology*, **2018**, 9, 610	4.6	32
260	Adaptations in muscle oxidative capacity, fiber size, and oxygen supply capacity after repeated-sprint training in hypoxia combined with chronic hypoxic exposure. *Journal of Applied Physiology*, **2018**, 124, 1403-1412	3.7	13
259	Commentaries on Viewpoint: Resistance training and exercise tolerance during high-intensity exercise: moving beyond just running economy and muscle strength. *Journal of Applied Physiology*, **2018**, 124, 529-535	3.7	1
258	Effects of Different Training Intensity Distributions Between Elite Cross-Country Skiers and Nordic-Combined Athletes During Live High-Train Low. *Frontiers in Physiology*, **2018**, 9, 932	4.6	2
257	Cognitive performance and self-reported sleepiness are modulated by time-of-day during a mountain ultramarathon. *Research in Sports Medicine*, **2018**, 26, 482-489	3.8	16
256	Altitude-induced responses observed in the control group. *Scandinavian Journal of Medicine and Science in Sports*, **2018**, 28, 2243	4.6	1
255	Preterm birth and oxidative stress: Effects of acute physical exercise and hypoxia physiological responses. *Redox Biology*, **2018**, 17, 315-322	11.3	23
254	Influence of Training Load and Altitude on Heart Rate Variability Fatigue Patterns in Elite Nordic Skiers. *International Journal of Sports Medicine*, **2018**, 39, 773-781	3.6	4
253	Is Plantar Loading Altered During Repeated Sprints on Artificial Turf in International Football Players?. *Journal of Sports Science and Medicine*, **2018**, 17, 359-365	2.7	1
252	Chapitre 2. Évaluation et développement des ressources physiologiques du joueur de tennis **2018**, 32-48		0
251	Heart rate recovery of individuals undergoing cardiac rehabilitation after acute coronary syndrome. *Annals of Physical and Rehabilitation Medicine*, **2018**, 61, 65-71	3.8	2
250	Live high-train low guided by daily heart rate variability in elite Nordic-skiers. *European Journal of Applied Physiology*, **2018**, 118, 419-428	3.4	21
249	Differences within Elite Female Tennis Players during an Incremental Field Test. *Medicine and Science in Sports and Exercise*, **2018**, 50, 2465-2473	1.2	3
248	Oxygenation time course and neuromuscular fatigue during repeated cycling sprints with bilateral blood flow restriction. *Physiological Reports*, **2018**, 6, e13872	2.6	20
247	Commentaries on Viewpoint: V o is an acceptable estimate of cardiorespiratory fitness but not V o. *Journal of Applied Physiology*, **2018**, 125, 966-967	3.7	3
246	Effects of Repeated-Sprint Training in Hypoxia on Tennis-Specific Performance in Well-Trained Players. *Sports Medicine International Open*, **2018**, 2, E123-E132	1.7	11
245	Updated analysis of changes in locomotor activities across periods in an international ice hockey game. *Biology of Sport*, **2018**, 35, 261-267	4.3	17

244	"Live High-Train Low" Paradigm: Moving the Debate Forward. *Exercise and Sport Sciences Reviews*, **2018**, 46, 271	6.7	
243	Mechanical alterations during interval-training treadmill runs in high-level male team-sport players. *Journal of Science and Medicine in Sport*, **2017**, 20, 87-91	4.4	13
242	Commentaries on Viewpoint: Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. *Journal of Applied Physiology*, **2017**, 122, 409-411	3.7	4
241	Mechanical Alterations during 800-m Self-Paced Track Running. *International Journal of Sports Medicine*, **2017**, 38, 314-321	3.6	8
240	Lower limb mechanical asymmetry during repeated treadmill sprints. *Human Movement Science*, **2017**, 52, 203-214	2.4	26
239	Effects of Repeated-Sprint Training in Hypoxia on Sea-Level Performance: A Meta-Analysis. *Sports Medicine*, **2017**, 47, 1651-1660	10.6	84
238	Technical Alterations during an Incremental Field Test in Elite Male Tennis Players. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1917-1926	1.2	4
237	Effects of Altitude/Hypoxia on Single- and Multiple-Sprint Performance: A Comprehensive Review. *Sports Medicine*, **2017**, 47, 1931-1949	10.6	66
236	Individual hemoglobin mass response to normobaric and hypobaric "live high-train low": A one-year crossover study. *Journal of Applied Physiology*, **2017**, 123, 387-393	3.7	23
235	Acute and chronic changes in baroreflex sensitivity in hypobaric vs. normobaric hypoxia. *European Journal of Applied Physiology*, **2017**, 117, 2401-2407	3.4	9
234	Acute effects of repeated cycling sprints in hypoxia induced by voluntary hypoventilation. *European Journal of Applied Physiology*, **2017**, 117, 2433-2443	3.4	12
233	Commentaries on Viewpoint: Anemia contributes to cardiovascular disease through reductions in nitric oxide. *Journal of Applied Physiology*, **2017**, 122, 418-419	3.7	1
232	Resistance Exercise In Hypoxia Combined With Blood Flow Restriction. *Medicine and Science in Sports and Exercise*, **2017**, 49, 243	1.2	
231	Hypoxic dose, intensity distribution, and fatigue monitoring are paramount for "live high-train low" effectiveness. *European Journal of Applied Physiology*, **2017**, 117, 2119-2120	3.4	3
230	Clarification on altitude training. *Experimental Physiology*, **2017**, 102, 130-131	2.4	7
229	Psychophysiological Responses to Repeated-Sprint Training in Normobaric Hypoxia and Normoxia. *International Journal of Sports Physiology and Performance*, **2017**, 12, 115-123	3.5	14
228	Repeated-Sprint Training in Hypoxia Induced by Voluntary Hypoventilation in Swimming. *International Journal of Sports Physiology and Performance*, **2017**, 12, 329-335	3.5	19
227	Effects of Ultratrail Running on Skeletal-Muscle Oxygenation Dynamics. *International Journal of Sports Physiology and Performance*, **2017**, 12, 496-504	3.5	12

226	Sex and Exercise Intensity Do Not Influence Oxygen Uptake Kinetics in Submaximal Swimming. *Frontiers in Physiology*, **2017**, 8, 72	4.6	8
225	Walking in Hypoxia: An Efficient Treatment to Lessen Mechanical Constraints and Improve Health in Obese Individuals?. *Frontiers in Physiology*, **2017**, 8, 73	4.6	27
224	Hypoxia-Induced Oxidative Stress Modulation with Physical Activity. *Frontiers in Physiology*, **2017**, 8, 84	4.6	64
223	Oxygen Uptake Kinetics Is Slower in Swimming Than Arm Cranking and Cycling during Heavy Intensity. *Frontiers in Physiology*, **2017**, 8, 639	4.6	4
222	Does the Running Economy Really Increase after Ultra-Marathons?. *Frontiers in Physiology*, **2017**, 8, 783	4.6	26
221	Changes in Muscle and Cerebral Deoxygenation and Perfusion during Repeated Sprints in Hypoxia to Exhaustion. *Frontiers in Physiology*, **2017**, 8, 846	4.6	18
220	The Energetics during the World's Most Challenging Mountain Ultra-Marathon-A Case Study at the Tor des Geants . *Frontiers in Physiology*, **2017**, 8, 1003	4.6	10
219	Minimal Window Duration for Accurate HRV Recording in Athletes. *Frontiers in Neuroscience*, **2017**, 11, 456	5.1	49
218	Mechanical Alterations Associated with Repeated Treadmill Sprinting under Heat Stress. *PLoS ONE*, **2017**, 12, e0170679	3.7	9
217	Short- or long-rest intervals during repeated-sprint training in soccer?. *PLoS ONE*, **2017**, 12, e0171462	3.7	15
216	Does "Live High-Train Low (and High)" Hypoxic Training Alter Running Mechanics In Elite Team-sport Players?. *Journal of Sports Science and Medicine*, **2017**, 16, 328-332	2.7	1
215	Running mechanical alterations during repeated treadmill sprints in hot versus hypoxic environments. A pilot study. *Journal of Sports Sciences*, **2016**, 34, 1190-8	3.6	11
214	Circadian variation of salivary immunoglobin A, alpha-amylase activity and mood in response to repeated double-poling sprints in hypoxia. *European Journal of Applied Physiology*, **2016**, 116, 1-10	3.4	26
213	Sleep Disordered Breathing During Live High-Train Low in Normobaric Versus Hypobaric Hypoxia. *High Altitude Medicine and Biology*, **2016**, 17, 233-238	1.9	13
212	Do maximal aerobic power and anaerobic capacity start really to decrease at the fourth decade of life?. *European Journal of Applied Physiology*, **2016**, 116, 2423-2424	3.4	2
211	Biomechanical Changes During a 50-minute Run in Different Footwear and on Various Slopes. *Journal of Applied Biomechanics*, **2016**, 32, 40-9	1.2	13
210	Repeated Cycling Sprints with Different Restricted Blood Flow Levels **2016**,		1
209	Comparison of Sleep Disorders between Real and Simulated 3,450-m Altitude. *Sleep*, **2016**, 39, 1517-23	1.1	21

208	Does altitude level of a prior time-trial modify subsequent exercise performance in hypoxia and associated neuromuscular responses?. *Physiological Reports*, **2016**, 4, e12804	2.6	2
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