Martin Burtscher

List of Publications by Year in descending order

315 papers	7,124 citations	57758 44 h-index	110387 64 g-index
326 all docs	326 docs citations	326 times ranked	6002 citing authors

#	Article	IF	Citations
1	Injuries in judo: a systematic literature review including suggestions for prevention. British Journal of Sports Medicine, 2013, 47, 1139-1143.	6.7	152
2	Similar qualitative and quantitative changes of mitochondrial respiration following strength and endurance training in normoxia and hypoxia in sedentary humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1078-R1087.	1.8	144
3	(Indoor) isolation, stress, and physical inactivity: Vicious circles accelerated by COVIDâ€19?. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1544-1545.	2.9	143
4	Intermittent hypoxia increases exercise tolerance in elderly men with and without coronary artery disease. International Journal of Cardiology, 2004, 96, 247-254.	1.7	134
5	Hypoxia induced downregulation of hepcidin is mediated by platelet derived growth factor BB. Gut, 2014, 63, 1951-1959.	12.1	127
6	Do Sleep Disorders Have an Impact on Blood Pressure?. American Journal of Therapeutics, 2008, 15, 345-350.	0.9	126
7	Prediction of Susceptibility to Acute Mountain Sickness by SaO2 Values during Short-Term Exposure to Hypoxia. High Altitude Medicine and Biology, 2004, 5, 335-340.	0.9	117
8	Hypoxia and brain aging: Neurodegeneration or neuroprotection?. Ageing Research Reviews, 2021, 68, 101343.	10.9	115
9	Hypoxiaâ€Related Altitude Illnesses. Journal of Travel Medicine, 2013, 20, 247-255.	3.0	110
10	Sudden Cardiac Death during Mountain Hiking and Downhill Skiing. New England Journal of Medicine, 1993, 329, 1738-1739.	27.0	101
11	The Risk of Cardiovascular Events During Leisure Time Activities at Altitude. Progress in Cardiovascular Diseases, 2010, 52, 507-511.	3.1	93
12	Sport injuries and illnesses during the first Winter Youth Olympic Games 2012 in Innsbruck, Austria. British Journal of Sports Medicine, 2012, 46, 1030-1037.	6.7	90
13	Probiotic Supplements Beneficially Affect Tryptophanâ€“Kynurenine Metabolism and Reduce the Incidence of Upper Respiratory Tract Infections in Trained Athletes: A Randomized, Double-Blinded, Placebo-Controlled Trial. Nutrients, 2016, 8, 752.	4.1	87
14	Effects of Living at Higher Altitudes on Mortality: A Narrative Review. , 2014, 5, 274-80.		85
15	Factors associated with self-reported risk-taking behaviour on ski slopes. British Journal of Sports Medicine, 2010, 44, 204-206.	6.7	80
16	Leg Dominance Is a Risk Factor for Noncontact Anterior Cruciate Ligament Injuries in Female Recreational Skiers. American Journal of Sports Medicine, 2012, 40, 1269-1273.	4.2	80
17	Climbing-specific finger flexor performance and forearm muscle oxygenation in elite male and female sport climbers. European Journal of Applied Physiology, 2012, 112, 2839-2847.	2.5	79
18	The effects of caffeine, nicotine, ethanol, and tetrahydrocannabinol on exercise performance. Nutrition and Metabolism, 2013, 10, 71.	3.0	79

#	Article	IF	Citations
19	Hypoxia, Oxidative Stress and Fat. Biomolecules, 2015, 5, 1143-1150.	4.0	79
20	Cardiopulmonary and metabolic responses in healthy elderly humans during a 1-week hiking programme at high altitude. European Journal of Applied Physiology, 2001, 84, 379-386.	2.5	78
21	Interval hypoxic training improves autonomic cardiovascular and respiratory control in patients with mild chronic obstructive pulmonary disease. Journal of Hypertension, 2009, 27, 1648-1654.	0.5	78
22	Bioimpedance and Impedance Vector Patterns as Predictors of League Level in Male Soccer Players. International Journal of Sports Physiology and Performance, 2014, 9, 532-539.	2.3	78
23	Aspirin for prophylaxis against headache at high altitudes: randomised, double blind, placebo controlled trial. BMJ: British Medical Journal, 1998, 316, 1057-1058.	2.3	75
24	Self reported risk taking and risk compensation in skiers and snowboarders are associated with sensation seeking. Accident Analysis and Prevention, 2012, 48, 292-296.	5.7	73
25	Intermittent hypoxia increases exercise tolerance in patients at risk for or with mild COPD. Respiratory Physiology and Neurobiology, 2009, 165, 97-103.	1.6	71
26	Survival of the fittest VO sub 2 sub max a key predictor of longevity. Frontiers in Bioscience - Landmark, 2018, 23, 1505-1516.	3.0	71
27	Are oral contraceptive use and menstrual cycle phase related to anterior cruciate ligament injury risk in female recreational skiers?. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 1065-1069.	4.2	70
28	Effects of Exhaustive Aerobic Exercise on Tryptophan-Kynurenine Metabolism in Trained Athletes. PLoS ONE, 2016, 11, e0153617.	2.5	69
29	Effects of Short-Term Acclimatization to Altitude (3200 m) on Aerobic and Anaerobic Exercise Performance. International Journal of Sports Medicine, 2006, 27, 629-635.	1.7	64
30	Intermittent hypoxicâ€“hyperoxic training on cognitive performance in geriatric patients. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 114-122.	3.7	64
31	Prevalence of Acute Mountain Sickness in the Eastern Alps. High Altitude Medicine and Biology, 2009, 10, 239-245.	0.9	61
32	Aerobic Exercise with Relaxation: Influence on Pain and Psychological Well-being in Female Migraine Patients. Clinical Journal of Sport Medicine, 2008, 18, 363-365.	1.8	59
33	Normobaric Intermittent Hypoxia over 8 Months Does Not Reduce Body Weight and Metabolic Risk Factors - a Randomized, Single Blind, Placebo-Controlled Study in Normobaric Hypoxia and Normobaric Sham Hypoxia. Obesity Facts, 2015, 8, 200-209.	3.4	57
34	Exercise Limitations by the Oxygen Delivery and Utilization Systems in Aging and Disease: Coordinated Adaptation and Deadaptation of the Lung-Heart Muscle Axis - A Mini-Review. Gerontology, 2013, 59, 289-296.	2.8	55
35	Prior Myocardial Infarction is the Major Risk Factor Associated with Sudden Cardiac Death During Downhill Skiing. International Journal of Sports Medicine, 2000, 21, 613-615.	1.7	54
36	Risk Factor Profile for Sudden Cardiac Death During Mountain Hiking. International Journal of Sports Medicine, 2007, 28, 621-624.	1.7	53

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37	Extreme Terrestrial Environments: Life in Thermal Stress and Hypoxia. A Narrative Review. Frontiers in Physiology, 2018, 9, 572.	2.8	53
38	Prediction of the susceptibility to AMS in simulated altitude. Sleep and Breathing, 2008, 12, 103-108.	1.7	51
39	Adaptive Responses to Hypoxia and/or Hyperoxia in Humans. Antioxidants and Redox Signaling, 2022, 37, 887-912.	5.4	51
40	Prevalence of Cardiovascular Diseases Among Alpine Skiers and Hikers in the Austrian Alps. High Altitude Medicine and Biology, 2007, 8, 245-252.	0.9	50
41	The Prevalence of and Risk Factors for Acute Mountain Sickness in the Eastern and Western Alps. High Altitude Medicine and Biology, 2010, 11, 343-348.	0.9	50
42	Impact of High Altitude on Cardiovascular Health: Current Perspectives. Vascular Health and Risk Management, 2021, Volume 17, 317-335.	2.3	50
43	Distribution of injury mechanisms and related factors in ACL-injured female carving skiers. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 1393-1398.	4.2	49
44	Fatalities on Austrian Ski Slopes During a 5-year period. Wilderness and Environmental Medicine, 2011, 22, 326-328.	0.9	49
45	Risk factors for high-altitude headache in mountaineers. Cephalalgia, 2011, 31, 706-711.	3.9	49
46	Risk of Cardiovascular Events During Mountain Activities. Advances in Experimental Medicine and Biology, 2007, 618, 1-11.	1.6	49
47	Factors associated with injuries occurred on slope intersections and in snow parks compared to on-slope injuries. Accident Analysis and Prevention, 2013, 50, 1221-1225.	5.7	48
48	Neuromuscular Fatigue during Sustained Contractions Performed in Short-Term Hypoxia. Medicine and Science in Sports and Exercise, 2007, 39, 948-954.	0.4	47
49	Endurance performance of the elderly mountaineer: Requirements, limitations, testing, and training. Wiener Klinische Wochenschrift, 2004, 116, 703-714.	1.9	46
50	Role of Dietary Protein and Muscular Fitness on Longevity and Aging. , 2018, 9, 119.		46
51	Effects of Aspirin During Exercise on the Incidence of High-Altitude Headache: A Randomized, Double-Blind, Placebo-Controlled Trial. Headache, 2001, 41, 542-545.	3.9	41
52	Preacclimatization in simulated altitudes. Sleep and Breathing, 2008, 12, 109-114.	1.7	41
53	Resting arterial oxygen saturation and breathing frequency as predictors for acute mountain sickness development: A prospective cohort study. Sleep and Breathing, 2014, 18, 669-674.	1.7	41
54	The effects of short-term hypoxia on motor cortex excitability and neuromuscular activation. Journal of Applied Physiology, 2006, 101, 1673-1677.	2.5	40

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55	Physiological Responses in Humans Acutely Exposed to High Altitude (3480â€‰m): Minute Ventilation and Oxygenation Are Predictive for the Development of Acute Mountain Sickness. High Altitude Medicine and Biology, 2019, 20, 192-197.	0.9	40
56	Impact of environmental factors on knee injuries in male and female recreational skiers. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, 185-189.	2.9	39
57	The Influence of Dental Occlusion on Dynamic Balance and Muscular Tone. Frontiers in Physiology, 2019, 10, 1626.	2.8	39
58	Bioimpedance Identifies Body Fluid Loss after Exercise in the Heat: A Pilot Study with Body Cooling. PLoS ONE, 2014, 9, e109729.	2.5	38
59	Autonomic and cerebrovascular abnormalities in mild COPD are worsened by chronic smoking. European Respiratory Journal, 2008, 32, 1458-1465.	6.7	37
60	Ibuprofen versus sumatriptan for high-altitude headache. Lancet, The, 1995, 346, 254-255.	13.7	36
61	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. Redox Biology, 2021, 43, 101976.	9.0	36
62	Endurance Training in Normobaric Hypoxia Imposes Less Physical Stress for Geriatric Rehabilitation. Frontiers in Physiology, 2017, 8, 514.	2.8	35
63	Preparation for Endurance Competitions at Altitude: Physiological, Psychological, Dietary and Coaching Aspects. A Narrative Review. Frontiers in Physiology, 2018, 9, 1504.	2.8	35
64	Altitude and COVIDâ€19: Friend or foe? A narrative review. Physiological Reports, 2021, 8, e14615.	1.7	35
65	Superior Endurance Performance in Aging Mountain Runners. Gerontology, 2008, 54, 268-271.	2.8	34
66	Shortâ€term intermittent hypoxia reduces the severity of acute mountain sickness. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, e79-85.	2.9	34
67	Effects of a Single Bout of Interval Hypoxia on Cardiorespiratory Control and Blood Glucose in Patients With Type 2 Diabetes. Diabetes Care, 2013, 36, 2183-2189.	8.6	34
68	Cardiac Troponins in Young Marathon Runners. American Journal of Cardiology, 2012, 110, 594-598.	1.6	33
69	Mortality in Different Mountain Sports Activities Primarily Practiced in the Winter Seasonâ€”A Narrative Review. International Journal of Environmental Research and Public Health, 2020, 17, 259.	2.6	33
70	Are selfâ€reported riskâ€taking behavior and helmet use associated with injury causes among skiers and snowboarders?. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 125-130.	2.9	31
71	Low cardiorespiratory and mitochondrial fitness as risk factors in viral infections: implications for COVID-19. British Journal of Sports Medicine, 2021, 55, 413-415.	6.7	31
72	Association between Body Water Status and Acute Mountain Sickness. PLoS ONE, 2013, 8, e73185.	2.5	31

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73	Effects of interval hypoxia on exercise tolerance: special focus on patients with CAD or COPD. Sleep and Breathing, 2010, 14, 209-220.	1.7	30
74	Sleeping altitude and sudden cardiac death. American Heart Journal, 2013, 166, 71-75.	2.7	30
75	Hypoxia triggers high-altitude headache with migraine features: A prospective trial. Cephalalgia, 2016, 36, 765-771.	3.9	30
76	Effect of Qigong exercise on cognitive function, blood pressure and cardiorespiratory fitness in healthy middle-aged subjects. Complementary Therapies in Medicine, 2017, 33, 39-45.	2.7	30
77	Bike Transalp 2008: Liquid Intake and Its Effect on the Body's Fluid Homeostasis in the Course of a Multistage, Cross-Country, MTB Marathon Race in the Central Alps. Clinical Journal of Sport Medicine, 2010, 20, 47-52.	1.8	29
78	Ski Mountaineering Competition: Fit for It?. Clinical Journal of Sport Medicine, 2011, 21, 114-118.	1.8	29
79	High-Intensity Interval Training in Normobaric Hypoxia Leads to Greater Body Fat Loss in Overweight/Obese Women than High-Intensity Interval Training in Normoxia. Frontiers in Physiology, 2018, 9, 60.	2.8	29
80	Dental Occlusion Influences the Standing Balance on an Unstable Platform. Motor Control, 2015, 19, 341-354.	0.6	28
81	Effects of a 12-day maximal shuttle-run shock microcycle in hypoxia on soccer specific performance and oxidative stress. Applied Physiology, Nutrition and Metabolism, 2015, 40, 842-845.	1.9	28
82	Fall-related accidents among hikers in the Austrian Alps: a 9-year retrospective study. BMJ Open Sport and Exercise Medicine, 2017, 3, e000304.	2.9	28
83	MRI Evidence: Acute Mountain Sickness Is Not Associated with Cerebral Edema Formation during Simulated High Altitude. PLoS ONE, 2012, 7, e50334.	2.5	27
84	Life-style characteristics and cardiovascular risk factors in regular downhill skiers: an observational study. BMC Public Health, 2013, 13, 788.	2.9	27
85	Factors associated with self-reported failure of binding release among ACL injured male and female recreational skiers: a catalyst to change ISO binding standards?. British Journal of Sports Medicine, 2016, 50, 37-40.	6.7	27
86	Prevalence and potential risk factors of flight-related neck, shoulder and low back pain among helicopter pilots and crewmembers: a questionnaire-based study. BMC Musculoskeletal Disorders, 2019, 20, 44.	1.9	27
87	The Use of Pulse Oximetry in the Assessment of Acclimatization to High Altitude. Sensors, 2021, 21, 1263.	3.8	27
88	Factors Associated With the Ability to Estimate Actual Speeds in Recreational Alpine Skiers. Wilderness and Environmental Medicine, 2013, 24, 118-123.	0.9	26
89	Short-term exposure to hypoxia for work and leisure activities in health and disease: which level of hypoxia is safe?. Sleep and Breathing, 2012, 16, 435-442.	1.7	25
90	Sports injuries and illnesses during the 2015 Winter European Youth Olympic Festival. British Journal of Sports Medicine, 2016, 50, 631-636.	6.7	25

#	Article	IF	Citations
91	The influence of dental occlusion on the body balance in unstable platform increases after high intensity exercise. Neuroscience Letters, 2016, 617, 116-121.	2.1	25
92	Supervised Short-term High-intensity Training on Plasma Irisin Concentrations in Type 2 Diabetic Patients. International Journal of Sports Medicine, 2019, 40, 158-164.	1.7	25
93	Dental occlusion and body balance: A question of environmental constraints?. Journal of Oral Rehabilitation, 2019, 46, 388-397.	3.0	25
94	Physiological and Pathophysiological Responses to Ultramarathon Running in Non-elite Runners. Frontiers in Physiology, 2019, 10, 1300.	2.8	24
95	Does living at moderate altitudes in Austria affect mortality rates of various causes? An ecological study. BMJ Open, 2021, 11, e048520.	1.9	24
96	Supervised Exercise in Patients with Impaired Fasting Glucose: Impact on Exercise Capacity. Clinical Journal of Sport Medicine, 2009, 19, 394-398.	1.8	23
97	Validation of a German Version of the Sport Motivation Scale (SMS28) and Motivation Analysis in Competitive Mountain Runners. Perceptual and Motor Skills, 2011, 112, 807-820.	1.3	23
98	Attitudes regarding ski helmet use among helmet wearers and non-wearers. Injury Prevention, 2012, 18, 182-186.	2.4	23
99	Symptom Progression in Acute Mountain Sickness During a 12-Hour Exposure to Normobaric Hypoxia Equivalent to 4500â€‰M. High Altitude Medicine and Biology, 2014, 15, 446-451.	0.9	23
100	Mortality in Different Mountain Sports Activities Primarily Practiced in the Summer Seasonâ€”A Narrative Review. International Journal of Environmental Research and Public Health, 2019, 16, 3920.	2.6	23
101	Intermittent hypoxia does not affect endurance performance at moderate altitude in well-trained athletes. Journal of Sports Sciences, 2010, 28, 513-519.	2.0	22
102	Influence of Inspiratory Muscle Training on Ventilatory Efficiency and Cycling Performance in Normoxia and Hypoxia. Frontiers in Physiology, 2017, 8, 133.	2.8	22
103	Concentric and Eccentric Endurance Exercise Reverse Hallmarks of T-Cell Senescence in Pre-diabetic Subjects. Frontiers in Physiology, 2019, 10, 684.	2.8	22
104	High-altitude illnesses: Old stories and new insights into the pathophysiology, treatment and prevention. Sports Medicine and Health Science, 2021, 3, 59-59.	2.0	22
105	The interplay of hypoxic and mental stress: Implications for anxiety and depressive disorders. Neuroscience and Biobehavioral Reviews, 2022, 138, 104718.	6.1	22
106	Sildenafil and Bosentan Improve Arterial Oxygenation During Acute Hypoxic Exercise: A Controlled Laboratory Trial. Wilderness and Environmental Medicine, 2011, 22, 211-221.	0.9	21
107	The upper limit of aerobic power in humans. European Journal of Applied Physiology, 2011, 111, 2625-2628.	2.5	21
108	Plasma Electrolyte and Hematological Changes after Marathon Running in Adolescents. Medicine and Science in Sports and Exercise, 2013, 45, 1182-1187.	0.4	21

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109	Body fluid status and physical demand during the Giro dâ€™Italia. Research in Sports Medicine, 2016, 24, 30-38.	1.3	21
110	Risk and Protective Factors for Sudden Cardiac Death During Leisure Activities in the Mountains: An Update. Heart Lung and Circulation, 2017, 26, 757-762.	0.4	21
111	Run for your life: tweaking the weekly physical activity volume for longevity. British Journal of Sports Medicine, 2020, 54, 759-760.	6.7	21
112	Effects of Intermittent Hypoxia on Running Economy. International Journal of Sports Medicine, 2010, 31, 644-650.	1.7	20
113	Impact of a Ski Helmet Mandatory on Helmet Use on Austrian Ski Slopes. Journal of Trauma, 2011, 71, 1085-1087.	2.3	20
114	Cardiorespiratory Fitness of High Altitude Mountaineers: The Underestimated Prerequisite. High Altitude Medicine and Biology, 2015, 16, 169-170.	0.9	20
115	Energy metabolism, liver and kidney function in adolescent marathon runners. European Journal of Clinical Investigation, 2016, 46, 27-33.	3.4	20
116	Diagnosis and prediction of the occurrence of acute mountain sickness measuring oxygen saturationâ€”independent of absolute altitude?. Sleep and Breathing, 2016, 20, 435-442.	1.7	20
117	SpO2 and Heart Rate During a Real Hike at Altitude Are Significantly Different than at Its Simulation in Normobaric Hypoxia. Frontiers in Physiology, 2017, 8, 81.	2.8	20
118	In recreational alpine skiing, the ACL is predominantly injured in all knee injuries needing hospitalisation. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 1790-1796.	4.2	20
119	Factors Associated with the Perception of Speed among Recreational Skiers. PLoS ONE, 2015, 10, e0132002.	2.5	19
120	Potential Health Benefits From Downhill Skiing. Frontiers in Physiology, 2019, 9, 1924.	2.8	19
121	Hypoxia Conditioning for High-Altitude Pre-acclimatization. Journal of Science in Sport and Exercise, 2022, 4, 331-345.	1.0	19
122	Effects of Lightweight Outdoor Clothing on the Prevention of Hypothermia During Low-Intensity Exercise in the Cold. Clinical Journal of Sport Medicine, 2012, 22, 505-507.	1.8	18
123	Heart rate and blood pressure responses during hypoxic cycles of a 3-week intermittent hypoxia breathing program in patients at risk for or with mild COPD. International Journal of COPD, 2015, 10, 339.	2.3	18
124	Is There a Link Between Physical Activity and Alcohol use?. Substance Use and Misuse, 2015, 50, 546-551.	1.4	18
125	Anaerobic training in hypoxia: A new approach to stimulate the rating of effort perception. Physiology and Behavior, 2016, 163, 37-42.	2.1	18
126	Effects of High-Intensity Interval Training Under Normobaric Hypoxia on Cardiometabolic Risk Markers in Overweight/Obese Women. High Altitude Medicine and Biology, 2018, 19, 356-366.	0.9	18

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127	Do Ski Helmets Affect Reaction Time to Peripheral Stimuli?. Wilderness and Environmental Medicine, 2011, 22, 148-150.	0.9	17
128	Effect of 3-week high-intensity interval training on VO2max, total haemoglobin mass, plasma and blood volume in well-trained athletes. European Journal of Applied Physiology, 2015, 115, 2349-2356.	2.5	17
129	Putative Role of Respiratory Muscle Training to Improve Endurance Performance in Hypoxia: A Review. Frontiers in Physiology, 2019, 9, 1970.	2.8	17
130	Frontal plane leg alignment and muscular activity during maximum eccentric contractions in individuals with and without patellofemoral pain syndrome. Knee, 2008, 15, 180-186.	1.6	16
131	Viscose as an alternative to aramid in workwear: Influence on endurance performance, cooling, and comfort. Textile Reseach Journal, 2013, 83, 2085-2092.	2.2	16
132	Lower mortality rates in those living at moderate altitude. Aging, 2016, 8, 2603-2604.	3.1	16
133	Accidental hypothermia in recreational activities in the mountains: A narrative review. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2464-2472.	2.9	16
134	Are Risk-Taking and Ski Helmet Use Associated with an ACL Injury in Recreational Alpine Skiing?. International Journal of Environmental Research and Public Health, 2019, 16, 3107.	2.6	16
135	Migraine and aura triggered by normobaric hypoxia. Cephalalgia, 2020, 40, 1561-1573.	3.9	16
136	Incidences of Fatalities on Austrian Ski Slopes: A 10-Year Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 2916.	2.6	16
137	Differences in Sensation Seeking Between Alpine Skiers, Snowboarders and Ski Tourers. Journal of Sports Science and Medicine, 2016, 15, 11-6.	1.6	16
138	Î²-Blockers May Provoke Oxygen Desaturation during Submaximal Exercise at Moderate Altitudes in Elderly Persons. High Altitude Medicine and Biology, 2003, 4, 475-478.	0.9	15
139	High-energy phosphate metabolism during two bouts of progressive calf exercise in humans measured by phosphorus-31 magnetic resonance spectroscopy. European Journal of Applied Physiology, 2005, 93, 469-479.	2.5	15
140	The protective effects of helmets in skiers and snowboarders. BMJ: British Medical Journal, 2011, 342, d857-d857.	2.3	15
141	Effects of a Single Bout of Interval Hypoxia on Cardiorespiratory Control in Patients With Type 1 Diabetes. Diabetes, 2013, 62, 4220-4227.	0.6	15
142	Is decision making in hypoxia affected by pre-acclimatisation? A randomized controlled trial. Physiology and Behavior, 2017, 173, 236-242.	2.1	15
143	Effects of intermittent hypoxia-hyperoxia on mobility and perceived health in geriatric patients performing a multimodal training intervention: a randomized controlled trial. BMC Geriatrics, 2019, 19, 167.	2.7	15
144	Is the Effect of Physical Activity on Quality of Life in Older Adults Mediated by Social Support?. Gerontology, 2019, 65, 375-382.	2.8	15

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145	Caution is needed on the effect of altitude on the pathogenesis of SAR-CoV-2 virus. Respiratory Physiology and Neurobiology, 2020, 279, 103464.	1.6	15
146	Acute effects of concentric and eccentric exercise on glucose metabolism and interleukin-6 concentration in healthy males. Biology of Sport, 2016, 33, 153-158.	3.2	15
147	Randomised, Double-Blind, Comparative Study of Morphine and Tramadol Administered Intra-Articularly for Postoperative Analgesia Following Arthroscopic Surgery. Clinical Drug Investigation, 1995, 10, 17-21.	2.2	14
148	A Successful Therapy of High-Altitude Pulmonary Edema With a CPAP Helmet on Lenin Peak. Clinical Journal of Sport Medicine, 2009, 19, 72-73.	1.8	14
149	Differing Levels of Acute Hypoxia Do Not Influence Maximal Anaerobic Power Capacity. Wilderness and Environmental Medicine, 2015, 26, 78-82.	0.9	14
150	Seven Passive 1-h Hypoxia Exposures Do Not Prevent AMS in Susceptible Individuals. Medicine and Science in Sports and Exercise, 2016, 48, 2563-2570.	0.4	14
151	Ventilatory efficiency and breathing pattern in world-class cyclists: A three-year observational study. Respiratory Physiology and Neurobiology, 2016, 229, 17-23.	1.6	14
152	Submaximal exercise testing at low altitude for prediction of exercise tolerance at high altitude. Journal of Travel Medicine, 2018, 25, .	3.0	14
153	Cutaneous Microvascular Blood Flow and Reactivity in Hypoxia. Frontiers in Physiology, 2018, 9, 160.	2.8	14
154	Effects of Whole-Body Vibration Training Combined With Cyclic Hypoxia on Bone Mineral Density in Elderly People. Frontiers in Physiology, 2019, 10, 1122.	2.8	14
155	Is ski boot sole abrasion a potential ACL injury risk factor for male and female recreational skiers?. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 736-741.	2.9	14
156	Acetazolamide pre-treatment before ascending to high altitudes: when to start?. International Journal of Clinical and Experimental Medicine, 2014, 7, 4378-83.	1.3	14
157	AEROBIC POWER IN CHILD, CADET AND SENIOR JUDO ATHLETES. Biology of Sport, 2012, 29, 217-222.	3.2	13
158	Acute effects of concentric and eccentric exercise matched for energy expenditure on glucose metabolism in healthy females: a randomized crossover trial. SpringerPlus, 2016, 5, 1455.	1.2	13
159	Normobaric hypoxia overnight impairs cognitive reaction time. BMC Neuroscience, 2017, 18, 43.	1.9	13
160	Exercise Performance, Muscle Oxygen Extraction and Blood Cell Mitochondrial Respiration after Repeated-Sprint and Sprint Interval Training in Hypoxia: A Pilot Study. Journal of Sports Science and Medicine, 2018, 17, 339-347.	1.6	13
161	Climbing the Himalayas more safely. BMJ, The, 2012, 344, e3778-e3778.	6.0	12
162	Favourable Changes of the Risk-Benefit Ratio in Alpine Skiing. International Journal of Environmental Research and Public Health, 2015, 12, 6092-6097.	2.6	12

#	Article	IF	Citations
163	Impact of a Soccer Game on Cardiac Biomarkers in Adolescent Players. Pediatric Exercise Science, 2018, 30, 90-95.	1.0	12
164	Effectiveness of a Mini-Trampoline Training Program on Balance and Functional Mobility, Gait Performance, Strength, Fear of Falling and Bone Mineral Density in Older Women with Osteopenia . Clinical Interventions in Aging, 2019, Volume 14, 2281-2293.	2.9	12
165	A Focused Review on the Maximal Exercise Responses in Hypo- and Normobaric Hypoxia: Divergent Oxygen Uptake and Ventilation Responses. International Journal of Environmental Research and Public Health, 2020, 17, 5239.	2.6	12
166	Acute Effects of a Short Bout of Physical Activity on Cognitive Function in Sport Students. International Journal of Environmental Research and Public Health, 2020, 17, 3678.	2.6	12
167	Effects of Ultramarathon Running on Mitochondrial Function of Platelets and Oxidative Stress Parameters: A Pilot Study. Frontiers in Physiology, 2021, 12, 632664.	2.8	12
168	Practicing Sport in Cold Environments: Practical Recommendations to Improve Sport Performance and Reduce Negative Health Outcomes. International Journal of Environmental Research and Public Health, 2021, 18, 9700.	2.6	12
169	Hypoxicâ€“hyperoxic conditioning and dementia. , 2020, , 745-760.		12
170	The Risk of Death to Trekkers and Hikers in the Mountains. JAMA - Journal of the American Medical Association, 1995, 273, 460.	7.4	11
171	Exercise Capacity for Mountaineering: How Much Is Necessary?. Research in Sports Medicine, 2004, 12, 241-250.	1.3	11
172	Is ski helmet legislation more effective than education?. British Journal of Sports Medicine, 2012, 46, 1091-1092.	6.7	11
173	Does Risk Compensation Undo the Protection of Ski Helmet Use?. Epidemiology, 2012, 23, 936-937.	2.7	11
174	Prevalence of obesity and motor performance capabilities in Tyrolean preschool children. Wiener Klinische Wochenschrift, 2014, 126, 409-415.	1.9	11
175	The â€œFIFA 11+â€•injury prevention program improves body stability in child (10 year old) soccer players. Biology of Sport, 2018, 35, 153-158.	3.2	11
176	Factors Associated with Physical Fitness among Overweight and Non-Overweight Austrian Secondary School Students. International Journal of Environmental Research and Public Health, 2019, 16, 4117.	2.6	11
177	Sudden Cardiac Death Risk in Downhill Skiers and Mountain Hikers and Specific Prevention Strategies. International Journal of Environmental Research and Public Health, 2021, 18, 1621.	2.6	11
178	Specific exercise testing in judo athletes. Archives of Budo, 0, 8, 133-139.	0.0	11
179	Race Performance and Exercise Intensity of Male Amateur Mountain Runners During a Multistage Mountain Marathon Competition Are Not Dependent on Muscle Strength Loss or Cardiorespiratory Fitness. Journal of Strength and Conditioning Research, 2013, 27, 2149-2156.	2.1	10
180	EFFECTS OF MASSAGE UNDER HYPOXIC CONDITIONS ON EXERCISE-INDUCED MUSCLE DAMAGE AND PHYSICAL STRAIN INDICES IN PROFESSIONAL SOCCER PLAYERS. Biology of Sport, 2013, 30, 81-83.	3.2	10

#	Article	IF	Citations
181	Injury-Related Behavioral Variables in Alpine Skiers, Snowboarders, and Ski Tourersâ€"A Matched and Enlarged Re-Analysis. International Journal of Environmental Research and Public Health, 2019, 16, 3807.	2.6	10
182	Prediction of Susceptibility to Acute Mountain Sickness by Sa_{O2} Values during Short-Term Exposure to Hypoxia. High Altitude Medicine and Biology, 2004, 5, 335-340.	0.9	10
183	Effects of a single low-dose acetaminophen on body temperature and running performance in the heat: a pilot project. International Journal of Physiology, Pathophysiology and Pharmacology, 2013, 5, 190-3.	0.8	10
184	An ECG simulator with a novel ECG profile for physiological signals. Journal of Medical Engineering and Technology, 2018, 42, 501-509.	1.4	9
185	Nutrition for Older Athletes: Focus on Sex-Differences. Nutrients, 2021, 13, 1409.	4.1	9
186	Acute physiological response to a normobaric hypoxic exposure: sex differences. International Journal of Biometeorology, 2022, 66, 1495-1504.	3.0	9
187	Physiological basis to climb Mt. Everest in one day. Respiratory Physiology and Neurobiology, 2009, 166, 3.	1.6	8
188	Preexisting Cardiovascular Diseases Among Highâ€Altitude Mountaineers in the Alps: Table 1. Journal of Travel Medicine, 2011, 18, 355-357.	3.0	8
189	Performance limitation and the role of core temperature when wearing light-weight workwear under moderate thermal conditions. Journal of Thermal Biology, 2015, 47, 83-90.	2.5	8
190	Is acute mountain sickness related to trait anxiety? A normobaric chamber study. Physiology and Behavior, 2017, 171, 187-191.	2.1	8
191	Different training responses to eccentric endurance exercise at low and moderate altitudes in pre-diabetic men: a pilot study. Sport Sciences for Health, 2017, 13, 615-623.	1.3	8
192	Physiological Factors Associated With Declining Repeated Sprint Performance in Hypoxia. Journal of Strength and Conditioning Research, 2019, 33, 211-216.	2.1	8
193	Exerciseâ€"microbiota interactions in agingâ€related sarcopenia. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 775-780.	7.3	8
194	Could Repeated Cardio-Renal Injury Trigger Late Cardiovascular Sequelae in Extreme Endurance Athletes?. Sports Medicine, 2022, 52, 2821-2836.	6.5	8
195	Avalanche survival chances. Nature, 1994, 371, 482-482.	27.8	7
196	Ventilation-limited exercise capacity in a 59-year-old athlete. Respiratory Physiology and Neurobiology, 2011, 175, 181-184.	1.6	7
197	The effect of pulsating electrostatic field application on the development of delayed onset of muscle soreness (DOMS) symptoms after eccentric exercise. Journal of Physical Therapy Science, 2015, 27, 3105-3107.	0.6	7
198	Influence of high altitude on periodic leg movements during sleep in individuals with restless legs syndrome and healthy controls: A pilot study. Sleep Medicine, 2017, 29, 88-89.	1.6	7

#	Article	IF	Citations
199	Cardiac Arrest during Competitive Sports. New England Journal of Medicine, 2018, 378, 1461-1465.	27.0	7
200	Are Pre-Ascent Low-Altitude Saliva Cortisol Levels Related to the Subsequent Acute Mountain Sickness Score? Observations from a Field Study. High Altitude Medicine and Biology, 2019, 20, 337-343.	0.9	7
201	Carry-Over Quality of Pre-acclimatization to Altitude Elicited by Intermittent Hypoxia: A Participant-Blinded, Randomized Controlled Trial on Antedated Acclimatization to Altitude. Frontiers in Physiology, 2020, 11, 531.	2.8	7
202	Sex-specific differences in blood pressure responses following acute high-altitude exposure. Journal of Travel Medicine, 2021, , .	3.0	7
203	Effect of Daily Physical Education on Physical Fitness in Elementary School Children. Advances in Physical Education, 2020, 10, 97-105.	0.4	7
204	The Effects of 3 Weeks of Uphill and Downhill Walking on Blood Lipids and Glucose Metabolism in Pre-Diabetic Men: A Pilot Study. Journal of Sports Science and Medicine, 2017, 16, 35-43.	1.6	7
205	Impact of ski geometry data and standing height ratio on the ACL injury risk and its use for prevention in recreational skiers. British Journal of Sports Medicine, 2022, 56, 1104-1109.	6.7	7
206	Leukonychia Following High Altitude Exposure. High Altitude Medicine and Biology, 2002, 3, 93-94.	0.9	6
207	High cardiorespiratory fitness is more beneficial in pre-diabetic men than women. Clinics, 2011, 66, 747-751.	1.5	6
208	Mechanism of ACL Injury in Skiers: Letter to the Editor. American Journal of Sports Medicine, 2011, 39, NP5-NP6.	4.2	6
209	Effects of Supervised Exercise on Gamma-Glutamyl Transferase Levels in Patients with Isolated Impaired Fasting Glucose and Those with Impaired Fasting Glucose Plus Impaired Glucose Tolerance. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 445-450.	1.2	6
210	Effects of Antioxidant Supplementation on Exercise Performance in Acute Normobaric Hypoxia. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 227-235.	2.1	6
211	Impact of lowering ski binding settings on the outcome of the self-release test of ski bindings among female recreational skiers. Open Access Journal of Sports Medicine, 2017, Volume 8, 267-272.	1.3	6
212	Influence of high-intensity interval training on ventilatory efficiency in trained athletes. Respiratory Physiology and Neurobiology, 2018, 250, 19-23.	1.6	6
213	A breath of fresh air for mitochondria in exercise physiology. Acta Physiologica, 2020, 229, e13490.	3.8	6
214	Differences in the prevalence of physical activity and cardiovascular risk factors between people living at low (<1,001 m) compared to moderate (1,001â€“2,000 m) altitude. AIMS Public Health, 2021, 8, 624-635.	2.6	6
215	Self-Release of Ski Bindings: A Sex Comparison. , 2017, , 109-117.		6
216	Effects of short-term antioxidant supplementation on oxidative stress and exercise performance in the heat and the cold. International Journal of Physiology, Pathophysiology and Pharmacology, 2015, 7, 98-104.	0.8	6

#	Article	IF	Citations
217	How important is VÌ‡O2max when climbing Mt. Everest (8,849â€‰m)?. Respiratory Physiology and Neurobiology, 2022, 297, 103833.	1.6	6
218	High-altitude cerebral effects: risks and mechanisms. Lancet Neurology, The, 2009, 8, 604-605.	10.2	5
219	Cardiovascular Consequences of Acute Kidney Injury. New England Journal of Medicine, 2020, 383, 1093-1094.	27.0	5
220	Effects of a Single Power Strength Training Session on Heart Rate Variability When Performed at Different Simulated Altitudes. High Altitude Medicine and Biology, 2020, 21, 292-296.	0.9	5
221	Systemic Blood Pressure Variation During a 12-Hour Exposure to Normobaric Hypoxia (4500â€‰m). High Altitude Medicine and Biology, 2020, 21, 194-199.	0.9	5
222	Moderate Altitude Residence Reduces Male Colorectal and Female Breast Cancer Mortality More Than Incidence: Therapeutic Implications?. Cancers, 2021, 13, 4420.	3.7	5
223	5-Hydroxymethylfurfural and Î±-ketoglutaric acid supplementation increases oxygen saturation during prolonged exercise in normobaric hypoxia. International Journal for Vitamin and Nutrition Research, 2021, 91, 63-68.	1.5	5
224	The upper limit of cardiorespiratory fitness associated with longevity: an update. AIMS Public Health, 2019, 6, 225-228.	2.6	5
225	Metabolic Adaptations May Counteract Ventilatory Adaptations of Intermittent Hypoxic Exposure during Submaximal Exercise at Altitudes up to 4000 m. PLoS ONE, 2012, 7, e49953.	2.5	4
226	Downhill Skiing: A Putative Model of Hypoxia Preconditioning?. Journal of Clinical & Experimental Cardiology, 2014, 05, .	0.0	4
227	Effects of two different battings (sheep wool versus polyester microfiber) in an outdoor jacket on the heat and moisture management and comfort sensation in the cold. Textile Reseach Journal, 2016, 86, 191-201.	2.2	4
228	Subjective assessment of acute mountain sickness: investigating the relationship between the Lake Louise Self-Report, a visual analogue scale and psychological well-being scales. SpringerPlus, 2016, 5, 1646.	1.2	4
229	The Hatfield-system versus the weekly undulating periodised resistance training in trained males. International Journal of Sports Science and Coaching, 2018, 13, 95-103.	1.4	4
230	The use of medication and alcohol in recreational downhill skiers: Results of a survey including 816 subjects in Tyrol. Journal of Science and Medicine in Sport, 2019, 22, S22-S26.	1.3	4
231	Impact of listening to music while wearing a ski helmet on sound source localization. Journal of Science and Medicine in Sport, 2019, 22, S7-S11.	1.3	4
232	Why not consider a sex factor within the ISO 11088 ski binding setting standard?. British Journal of Sports Medicine, 2019, 53, 1127-1128.	6.7	4
233	Editorial on the Special Issue on â€œMountain Sports Activities: Injuries and Preventionâ€• International Journal of Environmental Research and Public Health, 2021, 18, 1405.	2.6	4
234	Acute Moderate Hypoxia Reduces One-Legged Cycling Performance Despite Compensatory Increase in Peak Cardiac Output: A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 3732.	2.6	4

#	Article	IF	Citations
235	Human Platelet Mitochondrial Function Reflects Systemic Mitochondrial Alterations: A Protocol for Application in Field Studies. Cells, 2021, 10, 2088.	4.1	4
236	Cardiac Biomarkers Following Marathon Running: Is Running Time a Factor for Biomarker Change?. International Journal of Sports Physiology and Performance, 2021, 16, 1253-1260.	2.3	4
237	Effects of Qigong exercise on muscle strengths and oxidative stress/antioxidant responses in young sedentary females: a quasi-experimental study. Journal of Exercise Rehabilitation, 2020, 16, 418-426.	1.0	4
238	Is Hypoxic/Altitude Training an Important Topic in the Field of Hypoxia?. Journal of Science in Sport and Exercise, 0, , .	1.0	4
239	Unchanged Fatality Rate on Austrian Ski Slopes during the COVID-19 Lockdown. International Journal of Environmental Research and Public Health, 2022, 19, 7771.	2.6	4
240	Pursed-lips breathing for improved oxygenation at altitude. Sleep and Breathing, 2009, 13, 119-120.	1.7	3
241	The effect of gender on force, muscle activity, and frontal plane knee alignment during maximum eccentric leg-press exercise. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 510-516.	4.2	3
242	High-altitude mountaineering made safer. Trauma, 2015, 17, 4-16.	0.5	3
243	Influence of adult role modeling on child/adolescent helmet use in recreational sledging: an observational study. Wiener Klinische Wochenschrift, 2016, 128, 266-270.	1.9	3
244	Extreme sports performance for more than a week with severely fractured sleep. Sleep and Breathing, 2021, 25, 951-955.	1.7	3
245	Factors associated with self-reported failure of binding to release among recreational skiers: an epidemiological study. Current Issues in Sport Science, 0, , .	0.1	3
246	Editorial: Climate Change in Mountainous Areas and Related Health Effects. Frontiers in Physiology, 2021, 12, 768112.	2.8	3
247	Cardiorespiratory Effects of One-Legged High-Intensity Interval Training in Normoxia and Hypoxia: A Pilot Study. Journal of Sports Science and Medicine, 2016, 15, 208-13.	1.6	3
248	Does Regular Physical Activity Mitigate the Age-Associated Decline in Pulmonary Function?. Sports Medicine, 2022, 52, 963-970.	6.5	3
249	Does Moderate Altitude Affect VO₂max in Acclimatized Mountain Guides?. High Altitude Medicine and Biology, 2022, 23, 37-42.	0.9	3
250	Arterial oxygen saturation during ascending to altitude under various conditions: Lessons from the field. Journal of Science and Medicine in Sport, 2008, 11, 535-537.	1.3	2
251	An Intergenerational Approach in Promoting Balance and Strength for Fall Prevention: Evidence-Based or Evidence-Inspired?. Gerontology, 2010, 57, 422-3.	2.8	2
252	Putative role of different exercise breathing patterns in normo- and hypobaric hypoxia. Respiratory Physiology and Neurobiology, 2014, 200, 6.	1.6	2

#	Article	IF	Citations
253	When lightning strikes: reducing the risk of injury to high-altitude trekkers during thunderstormsResponse to Letter. Journal of Travel Medicine, 2016, 23, tav007.	3.0	2
254	Response to: â€˜Helmet use and risk of head injuries in alpine skiers and snowboarders: changes after an interval of one decadeâ€™. British Journal of Sports Medicine, 2017, 51, 621.1-621.	6.7	2
255	Concerning the article recently published in this Journal by Aryal and colleagues entitled, â€œBlood pressure and hypertension in people living at high altitude in Nepal.â€. Hypertension Research, 2019, 42, 1095-1095.	2.7	2
256	The cardiac troponin response during highâ€intensity interval training. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 158-159.	2.9	2
257	Age-Dependent Health Status and Cardiorespiratory Fitness in Austrian Military Mountain Guides. High Altitude Medicine and Biology, 2020, 21, 346-351.	0.9	2
258	The bi- (or multi-) phasic response of cardiac remodelling to endurance exercise related to the article: â€˜From talented child to elite athlete: The development of cardiac morphology and function in a cohort of endurance athletes from age 12 to 18â€™ by Bjerring and colleagues. European Journal of Preventive Cardiology, 2021, 28, 1058-1060.	1.8	2
259	Obesity and Mortality Among Patients Diagnosed With COVID-19. Annals of Internal Medicine, 2021, 174, 887.	3.9	2
260	Does growing up at high altitude pose a risk factor for type 2 diabetes?. AIMS Public Health, 2019, 6, 96-98.	2.6	2
261	Effects of Regular Long-Term Circuit Training (Once per Week) on Cardiorespiratory Fitness in Previously Sedentary Adults. International Journal of Environmental Research and Public Health, 2021, 18, 10897.	2.6	2
262	Effects of helmet laws and education campaigns on helmet use in young skiers. Paediatrics and Child Health, 2013, 18, 471-2.	0.6	2
263	Weight Loss and Fat Metabolism during Multi-Day High-Altitude Sojourns: A Hypothesis Based on Adipocyte Signaling. Life, 2022, 12, 545.	2.4	2
264	Editorial: Exercise as a Countermeasure to Human Aging, Volume II. Frontiers in Physiology, 2022, 13, 878983.	2.8	2
265	The Impact of Sprint Interval Exercise in Acute Severe Hypoxia on Executive Function. High Altitude Medicine and Biology, 0, , .	0.9	2
266	Do We Have a Best Practice for Treating High Altitude Pulmonary Edema?. High Altitude Medicine and Biology, 2008, 9, 343-344.	0.9	1
267	Helmet Use in Australia Versus Helmet Use in Austria. Journal of Trauma, 2011, 70, 1017.	2.3	1
268	Does Snowboarding Increase Overall Injury Risk on Ski Slopes? Letter to the Editor. American Journal of Sports Medicine, 2013, 41, NP12-NP13.	4.2	1
269	Absolute or Relative Jogging Pace. Journal of the American College of Cardiology, 2015, 65, 2671-2672.	2.8	1
270	Importance of Determining Maximal Heart Rate for Providing a Standardized Training Stimulus. JAMA Internal Medicine, 2016, 176, 1883.	5.1	1

#	Article	IF	Citations
271	Regarding the article of Lang et al. (2016; 219:27-32) entitled, â€œBlood pressure response to six-minute walk test in hypertensive subjects exposed to high altitude: Effects of antihypertensive combination treatmentâ€• International Journal of Cardiology, 2016, 223, 52.	1.7	1
272	Metformin for high-altitude performance?. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 903-903.	1.9	1
273	Exercise Capacity of Amateur Mountain Runners and Ski Mountaineers. High Altitude Medicine and Biology, 2017, 18, 436-437.	0.9	1
274	With age a lower individual breathing reserve is associated with a higher maximal heart rate. Respiratory Physiology and Neurobiology, 2018, 247, 61-64.	1.6	1
275	Re: "Increased Cytokines at High Altitude: Lack of Effect of Ibuprofen on Acute Mountain Sickness, Physiological Variables, or Cytokine Levels" by Lundeberg, et al. (High Alt Med Biol 2018 19:249â€“258). High Altitude Medicine and Biology, 2018, 19, 303-303.	0.9	1
276	Editorial: Exercise as a Countermeasure to Human Aging. Frontiers in Physiology, 2020, 11, 883.	2.8	1
277	Response to Berger et al. re: â€œAre Pre-Ascent Low-Altitude Saliva Cortisol Levels Related to the Subsequent Acute Mountain Sickness Score? Observations From a Field Studyâ€• High Altitude Medicine and Biology, 2020, 21, 423-424.	0.9	1
278	Jumping at the opportunity: Promoting physical activity after COVIDâ€19. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1549-1550.	2.9	1
279	Correspondence: High-Carbohydrate Ingestion in High Altitude. High Altitude Medicine and Biology, 2020, 21, 211-212.	0.9	1
280	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.	9.0	1
281	Evaluation of a Strength-Training Program on Clinical Outcomes in Older Adults. JAMA - Journal of the American Medical Association, 2021, 325, 1110.	7.4	1
282	Is splenic contraction more pronounced when exercising in hypoxia than normoxia?. European Journal of Applied Physiology, 2021, 121, 2369-2370.	2.5	1
283	Sex-dependent blood pressure regulation in acute hypoxia. Hypertension Research, 2021, 44, 1689.	2.7	1
284	Conditioning the Brain: From Exercise to Hypoxia. Exercise and Sport Sciences Reviews, 2021, 49, 291-292.	3.0	1
285	The Hatfield-System versus the Weekly Undulating Periodised Resistance Training in trained males: Effects of a third mesocyle. Journal of Human Sport and Exercise, 2019, 14, .	0.4	1
286	Physical Activity and Cardiovascular Diseases Epidemiology and Primary Preventive and Therapeutic Targets. , 2013, , 127-144.		1
287	Can melatonin be used as a potential antioxidant and sleep aid supplement for high-altitude travelers?. Journal of Travel Medicine, 2022, , .	3.0	1
288	Might Gendering Ski Binding Settings be Helpful for the Prevention of ACL Injuries Among Female Recreational Alpine Skiers?. Sports Medicine - Open, 2022, 8, 21.	3.1	1

#	Article	IF	Citations
289	Comparison of heart rates at fixed percentages and the ventilatory thresholds in patients with interstitial lung disease. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 754-764.	2.9	1
290	KÃlte: Physiologische und pathophysiologische Auswirkungen auf den menschlichen Organismus. Sports Orthopaedics and Traumatology, 2008, 24, 227-234.	0.1	0
291	Hypoxia: good guy or bad guy?. Sleep and Breathing, 2010, 14, 183-183.	1.7	0
292	Effects of Individual Aerobic Performance on Finish Time in Mountain Running. Perceptual and Motor Skills, 2012, 114, 979-982.	1.3	0
293	Time Spent Sitting and Idiopathic Pulmonary Embolism in Women. Clinical Journal of Sport Medicine, 2012, 22, 167-168.	1.8	0
294	Arnold Durig (1872â€“1961): Life and Work. An Austrian Pioneer in Exercise and High Altitude Physiology. High Altitude Medicine and Biology, 2012, 13, 224-231.	0.9	0
295	Predictive Importance of Anthropometric and Training Data in Recreational Male Ironman Triathletes and Marathon Runners: Comment on the Study by Gianoli, et al. (2012). Perceptual and Motor Skills, 2013, 116, 655-657.	1.3	0
296	Does mild resistance training resemble a similar stimulus compared to aerobic training?. Hepatology, 2014, 59, 351-352.	7.3	0
297	Liver and kidney function in adolescent marathon runners. European Journal of Clinical Investigation, 2016, 46, 205-205.	3.4	0
298	Potential Effects of Hypoxia Preconditioning in Obesity Hypoventilation Syndrome?. Chest, 2016, 150, 1406.	0.8	0
299	Acute mountain sickness and arterial oxygen saturation. Sleep and Breathing, 2016, 20, 1077-1078.	1.7	0
300	Cardiac arrest while exercising on mountains. American Journal of Emergency Medicine, 2018, 36, 1699-1700.	1.6	0
301	Research update for articles published in <scp>EJCI</scp> in 2016. European Journal of Clinical Investigation, 2018, 48, e13016.	3.4	0
302	Is it time to revise the acclimatization schedule at high altitude?. Medical Journal Armed Forces India, 2020, 76, 120-121.	0.8	0
303	Oxygen availability in a HAPE-positive and a HAPE-negative woman before and during a visit to 3480â€‰meters. Respiratory Physiology and Neurobiology, 2020, 281, 103513.	1.6	0
304	Associations between physical frailty, physical activity and dementia incidence. The Lancet Healthy Longevity, 2021, 2, e66.	4.6	0
305	Aiming at Optimal Physical Activity for Longevity (OPAL). Sports Medicine - Open, 2021, 7, 70.	3.1	0
306	The Impact of Ski Geometry Data and Standing Height on the Risk of Falling in Recreational Alpine Skiers. Applied Sciences (Switzerland), 2021, 11, 9912.	2.5	0

#	Article	IF	Citations
307	Effects of Intermittent Hypoxic Training on Exercise Tolerance in Patients with Chronic Obstructive Pulmonary Disease. , 2012, , 127-134.		0
308	PREDICTIVE IMPORTANCE OF ANTHROPOMETRIC AND TRAINING DATA IN RECREATIONAL MALE IRONMAN TRIATHLETES AND MARATHON RUNNERS: COMMENT ON THE STUDY BY GIANOLI,ET AL. (2012)¹. Perceptual and Motor Skills, 0, , 130624075139005.	1.3	0
309	The effects of weekly motivational phone calls on the amount of leisure sports activities and changes in physical fitness. Pedagogics, Psychology, Medical-Biological Problems of Physical Training and Sports, 2018, 22, 226.	0.4	0
310	Monitoring body temperature during moderate intensity exercise and inactive recovery in the cold: a pilot study. Current Issues in Sport Science, 0, , .	0.1	0
311	Sport in Extreme Environments: Cardiovascular Issues. , 2020, , 683-699.		0
312	Extreme sleep fragmentation for 11 consecutive days and nights does not significantly alter total sleep time, and sleep stage distribution, during the continuous alpine downhill skiing world record. Health Promotion & Physical Activity, 2021, 17, 18-24.	0.1	0
313	Ski-geometric parameters do not differ between ACL injury mechanisms in recreational alpine skiing. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 2141-2148.	4.2	0
314	Seizures during prolonged high-altitude exposure. Seizure: the Journal of the British Epilepsy Association, 2022, , .	2.0	0
315	Special Issue â€œClinical and Physiological Consequences of Hypoxia/Hypoxemia in Healthy Subjects and Patientsâ€• Journal of Clinical Medicine, 2022, 11, 3904.	2.4	0