

Martin Burtscher

List of Publications by Year in descending order

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Version: 2024-02-01

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	How important is $\dot{V}O_2$ max when climbing Mt. Everest (8,849m)? Respiratory Physiology and Neurobiology, 2022, 297, 103833.	1.6	6
2	Hypoxia Conditioning for High-Altitude Pre-acclimatization. Journal of Science in Sport and Exercise, 2022, 4, 331-345.	1.0	19
3	Can melatonin be used as a potential antioxidant and sleep aid supplement for high-altitude travelers?. Journal of Travel Medicine, 2022, , .	3.0	1
4	Adaptive Responses to Hypoxia and/or Hyperoxia in Humans. Antioxidants and Redox Signaling, 2022, 37, 887-912.	5.4	51
5	Does Regular Physical Activity Mitigate the Age-Associated Decline in Pulmonary Function?. Sports Medicine, 2022, 52, 963-970.	6.5	3
6	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
7	Exercise-related microbiota interactions in aging-related sarcopenia. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 775-780.	7.3	8
8	Does Moderate Altitude Affect $VO_{2\max}$ in Acclimatized Mountain Guides?. High Altitude Medicine and Biology, 2022, 23, 37-42.	0.9	3
9	Weight Loss and Fat Metabolism during Multi-Day High-Altitude Sojourns: A Hypothesis Based on Adipocyte Signaling. Life, 2022, 12, 545.	2.4	2
10	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
11	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
12	Editorial: Exercise as a Countermeasure to Human Aging, Volume II. Frontiers in Physiology, 2022, 13, 878983.	2.8	2
13	Seizures during prolonged high-altitude exposure. Seizure: the Journal of the British Epilepsy Association, 2022, , .	2.0	0
14	Acute physiological response to a normobaric hypoxic exposure: sex differences. International Journal of Biometeorology, 2022, 66, 1495-1504.	3.0	9
15	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
16	The interplay of hypoxic and mental stress: Implications for anxiety and depressive disorders. Neuroscience and Biobehavioral Reviews, 2022, 138, 104718.	6.1	22
17	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
18	Special Issue "Clinical and Physiological Consequences of Hypoxia/Hypoxemia in Healthy Subjects and Patients". Journal of Clinical Medicine, 2022, 11, 3904.	2.4	0

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19	Could Repeated Cardio-Renal Injury Trigger Late Cardiovascular Sequelae in Extreme Endurance Athletes?. <i>Sports Medicine</i> , 2022, 52, 2821-2836.	6.5	8
20	The bi- (or multi-) phasic response of cardiac remodelling to endurance exercise related to the article: "From talented child to elite athlete: The development of cardiac morphology and function in a cohort of endurance athletes from age 12 to 18"™ by Bjerring and colleagues. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1058-1060.	1.8	2
21	Response to: The mitochondria-targeted antioxidant MitoQ attenuates exercise-induced mitochondrial DNA damage (Williamson et al., available online 6 August 2020, 101,673). <i>Redox Biology</i> , 2021, 38, 101732.	9.0	1
22	Low cardiorespiratory and mitochondrial fitness as risk factors in viral infections: implications for COVID-19. <i>British Journal of Sports Medicine</i> , 2021, 55, 413-415.	6.7	31
23	In recreational alpine skiing, the ACL is predominantly injured in all knee injuries needing hospitalisation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1790-1796.	4.2	20
24	Extreme sports performance for more than a week with severely fractured sleep. <i>Sleep and Breathing</i> , 2021, 25, 951-955.	1.7	3
25	Effects of Ultramarathon Running on Mitochondrial Function of Platelets and Oxidative Stress Parameters: A Pilot Study. <i>Frontiers in Physiology</i> , 2021, 12, 632664.	2.8	12
26	The Use of Pulse Oximetry in the Assessment of Acclimatization to High Altitude. <i>Sensors</i> , 2021, 21, 1263.	3.8	27
27	Sudden Cardiac Death Risk in Downhill Skiers and Mountain Hikers and Specific Prevention Strategies. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1621.	2.6	11
28	Editorial on the Special Issue on "Mountain Sports Activities: Injuries and Prevention". <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1405.	2.6	4
29	Associations between physical frailty, physical activity and dementia incidence. <i>The Lancet Healthy Longevity</i> , 2021, 2, e66.	4.6	0
30	Evaluation of a Strength-Training Program on Clinical Outcomes in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1110.	7.4	1
31	Sex-specific differences in blood pressure responses following acute high-altitude exposure. <i>Journal of Travel Medicine</i> , 2021, , .	3.0	7
32	Acute Moderate Hypoxia Reduces One-Legged Cycling Performance Despite Compensatory Increase in Peak Cardiac Output: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3732.	2.6	4
33	Nutrition for Older Athletes: Focus on Sex-Differences. <i>Nutrients</i> , 2021, 13, 1409.	4.1	9
34	High-altitude illnesses: Old stories and new insights into the pathophysiology, treatment and prevention. <i>Sports Medicine and Health Science</i> , 2021, 3, 59-59.	2.0	22
35	Is splenic contraction more pronounced when exercising in hypoxia than normoxia?. <i>European Journal of Applied Physiology</i> , 2021, 121, 2369-2370.	2.5	1
36	Does living at moderate altitudes in Austria affect mortality rates of various causes? An ecological study. <i>BMJ Open</i> , 2021, 11, e048520.	1.9	24

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37	Obesity and Mortality Among Patients Diagnosed With COVID-19. <i>Annals of Internal Medicine</i> , 2021, 174, 887.	3.9	2
38	Impact of High Altitude on Cardiovascular Health: Current Perspectives. <i>Vascular Health and Risk Management</i> , 2021, Volume 17, 317-335.	2.3	50
39	Hypoxia and brain aging: Neurodegeneration or neuroprotection?. <i>Ageing Research Reviews</i> , 2021, 68, 101343.	10.9	115
40	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. <i>Redox Biology</i> , 2021, 43, 101976.	9.0	36
41	Human Platelet Mitochondrial Function Reflects Systemic Mitochondrial Alterations: A Protocol for Application in Field Studies. <i>Cells</i> , 2021, 10, 2088.	4.1	4
42	Sex-dependent blood pressure regulation in acute hypoxia. <i>Hypertension Research</i> , 2021, 44, 1689.	2.7	1
43	Moderate Altitude Residence Reduces Male Colorectal and Female Breast Cancer Mortality More Than Incidence: Therapeutic Implications?. <i>Cancers</i> , 2021, 13, 4420.	3.7	5
44	Practicing Sport in Cold Environments: Practical Recommendations to Improve Sport Performance and Reduce Negative Health Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9700.	2.6	12
45	Cardiac Biomarkers Following Marathon Running: Is Running Time a Factor for Biomarker Change?. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1253-1260.	2.3	4
46	Conditioning the Brain: From Exercise to Hypoxia. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 291-292.	3.0	1
47	5-Hydroxymethylfurfural and β -ketoglutaric acid supplementation increases oxygen saturation during prolonged exercise in normobaric hypoxia. <i>International Journal for Vitamin and Nutrition Research</i> , 2021, 91, 63-68.	1.5	5
48	Differences in the prevalence of physical activity and cardiovascular risk factors between people living at low ($\leq 1,001\text{ m}$) compared to moderate ($1,001\text{--}2,000\text{ m}$) altitude. <i>AIMS Public Health</i> , 2021, 8, 624-635.	2.6	6
49	Altitude and COVID-19: Friend or foe? A narrative review. <i>Physiological Reports</i> , 2021, 8, e14615.	1.7	35
50	Aiming at Optimal Physical Activity for Longevity (OPAL). <i>Sports Medicine - Open</i> , 2021, 7, 70.	3.1	0
51	Effects of Regular Long-Term Circuit Training (Once per Week) on Cardiorespiratory Fitness in Previously Sedentary Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10897.	2.6	2
52	The Impact of Ski Geometry Data and Standing Height on the Risk of Falling in Recreational Alpine Skiers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9912.	2.5	0
53	Editorial: Climate Change in Mountainous Areas and Related Health Effects. <i>Frontiers in Physiology</i> , 2021, 12, 768112.	2.8	3
54	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. <i>Health Promotion & Physical Activity</i> , 2021, 17, 18-24.	0.1	0

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55	Run for your life: tweaking the weekly physical activity volume for longevity. <i>British Journal of Sports Medicine</i> , 2020, 54, 759-760.	6.7	21
56	Is it time to revise the acclimatization schedule at high altitude?. <i>Medical Journal Armed Forces India</i> , 2020, 76, 120-121.	0.8	0
57	Editorial: Exercise as a Countermeasure to Human Aging. <i>Frontiers in Physiology</i> , 2020, 11, 883.	2.8	1
58	A Focused Review on the Maximal Exercise Responses in Hypo- and Normobaric Hypoxia: Divergent Oxygen Uptake and Ventilation Responses. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5239.	2.6	12
59	Oxygen availability in a HAPE-positive and a HAPE-negative woman before and during a visit to 3480 meters. <i>Respiratory Physiology and Neurobiology</i> , 2020, 281, 103513.	1.6	0
60	Response to Berger et al. re: "Are Pre-Ascent Low-Altitude Saliva Cortisol Levels Related to the Subsequent Acute Mountain Sickness Score? Observations From a Field Study". <i>High Altitude Medicine and Biology</i> , 2020, 21, 423-424.	0.9	1
61	Migraine and aura triggered by normobaric hypoxia. <i>Cephalalgia</i> , 2020, 40, 1561-1573.	3.9	16
62	Jumping at the opportunity: Promoting physical activity after COVID-19. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1549-1550.	2.9	1
63	Cardiovascular Consequences of Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2020, 383, 1093-1094.	27.0	5
64	Age-Dependent Health Status and Cardiorespiratory Fitness in Austrian Military Mountain Guides. <i>High Altitude Medicine and Biology</i> , 2020, 21, 346-351.	0.9	2
65	A breath of fresh air for mitochondria in exercise physiology. <i>Acta Physiologica</i> , 2020, 229, e13490.	3.8	6
66	(Indoor) isolation, stress, and physical inactivity: Vicious circles accelerated by COVID-19?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1544-1545.	2.9	143
67	Acute Effects of a Short Bout of Physical Activity on Cognitive Function in Sport Students. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3678.	2.6	12
68	Effects of a Single Power Strength Training Session on Heart Rate Variability When Performed at Different Simulated Altitudes. <i>High Altitude Medicine and Biology</i> , 2020, 21, 292-296.	0.9	5
69	Carry-Over Quality of Pre-acclimatization to Altitude Elicited by Intermittent Hypoxia: A Participant-Blinded, Randomized Controlled Trial on Antedated Acclimatization to Altitude. <i>Frontiers in Physiology</i> , 2020, 11, 531.	2.8	7
70	Systemic Blood Pressure Variation During a 12-Hour Exposure to Normobaric Hypoxia (4500 meters). <i>High Altitude Medicine and Biology</i> , 2020, 21, 194-199.	0.9	5
71	Mortality in Different Mountain Sports Activities Primarily Practiced in the Winter Season – A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 259.	2.6	33
72	Correspondence: High-Carbohydrate Ingestion in High Altitude. <i>High Altitude Medicine and Biology</i> , 2020, 21, 211-212.	0.9	1

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73	Incidences of Fatalities on Austrian Ski Slopes: A 10-Year Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2916.	2.6	16
74	Hypoxic-hyperoxic conditioning and dementia. , 2020, , 745-760.		12
75	Caution is needed on the effect of altitude on the pathogenesis of SAR-CoV-2 virus. <i>Respiratory Physiology and Neurobiology</i> , 2020, 279, 103464.	1.6	15
76	Effect of Daily Physical Education on Physical Fitness in Elementary School Children. <i>Advances in Physical Education</i> , 2020, 10, 97-105.	0.4	7
77	Sport in Extreme Environments: Cardiovascular Issues. , 2020, , 683-699.		0
78	Effects of Qigong exercise on muscle strengths and oxidative stress/antioxidant responses in young sedentary females: a quasi-experimental study. <i>Journal of Exercise Rehabilitation</i> , 2020, 16, 418-426.	1.0	4
79	Are Pre-Ascent Low-Altitude Saliva Cortisol Levels Related to the Subsequent Acute Mountain Sickness Score? Observations from a Field Study. <i>High Altitude Medicine and Biology</i> , 2019, 20, 337-343.	0.9	7
80	The use of medication and alcohol in recreational downhill skiers: Results of a survey including 816 subjects in Tyrol. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, S22-S26.	1.3	4
81	Physiological and Pathophysiological Responses to Ultramarathon Running in Non-elite Runners. <i>Frontiers in Physiology</i> , 2019, 10, 1300.	2.8	24
82	Injury-Related Behavioral Variables in Alpine Skiers, Snowboarders, and Ski Tourers—A Matched and Enlarged Re-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3807.	2.6	10
83	Factors Associated with Physical Fitness among Overweight and Non-Overweight Austrian Secondary School Students. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4117.	2.6	11
84	Are Risk-Taking and Ski Helmet Use Associated with an ACL Injury in Recreational Alpine Skiing?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3107.	2.6	16
85	Effects of Whole-Body Vibration Training Combined With Cyclic Hypoxia on Bone Mineral Density in Elderly People. <i>Frontiers in Physiology</i> , 2019, 10, 1122.	2.8	14
86	Is ski boot sole abrasion a potential ACL injury risk factor for male and female recreational skiers?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 736-741.	2.9	14
87	Prevalence and potential risk factors of flight-related neck, shoulder and low back pain among helicopter pilots and crewmembers: a questionnaire-based study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 44.	1.9	27
88	Supervised Short-term High-intensity Training on Plasma Irisin Concentrations in Type 2 Diabetic Patients. <i>International Journal of Sports Medicine</i> , 2019, 40, 158-164.	1.7	25
89	Potential Health Benefits From Downhill Skiing. <i>Frontiers in Physiology</i> , 2019, 9, 1924.	2.8	19
90	Dental occlusion and body balance: A question of environmental constraints?. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 388-397.	3.0	25

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91	Concentric and Eccentric Endurance Exercise Reverse Hallmarks of T-Cell Senescence in Pre-diabetic Subjects. <i>Frontiers in Physiology</i> , 2019, 10, 684.	2.8	22
92	Effects of intermittent hypoxia-hyperoxia on mobility and perceived health in geriatric patients performing a multimodal training intervention: a randomized controlled trial. <i>BMC Geriatrics</i> , 2019, 19, 167.	2.7	15
93	Physiological Responses in Humans Acutely Exposed to High Altitude (3480â€™m): Minute Ventilation and Oxygenation Are Predictive for the Development of Acute Mountain Sickness. <i>High Altitude Medicine and Biology</i> , 2019, 20, 192-197.	0.9	40
94	Concerning the article recently published in this Journal by Aryal and colleagues entitled, "Blood pressure and hypertension in people living at high altitude in Nepal." <i>Hypertension Research</i> , 2019, 42, 1095-1095.	2.7	2
95	Is the Effect of Physical Activity on Quality of Life in Older Adults Mediated by Social Support?. <i>Gerontology</i> , 2019, 65, 375-382.	2.8	15
96	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. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 2281-2293.	2.9	12
97	Mortality in Different Mountain Sports Activities Primarily Practiced in the Summer Season" A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3920.	2.6	23
98	The cardiac troponin response during high-intensity interval training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 158-159.	2.9	2
99	Putative Role of Respiratory Muscle Training to Improve Endurance Performance in Hypoxia: A Review. <i>Frontiers in Physiology</i> , 2019, 9, 1970.	2.8	17
100	Impact of listening to music while wearing a ski helmet on sound source localization. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, S7-S11.	1.3	4
101	Physiological Factors Associated With Declining Repeated Sprint Performance in Hypoxia. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 211-216.	2.1	8
102	Why not consider a sex factor within the ISO 11088 ski binding setting standard?. <i>British Journal of Sports Medicine</i> , 2019, 53, 1127-1128.	6.7	4
103	The Hatfield-System versus the Weekly Undulating Periodised Resistance Training in trained males: Effects of a third mesocycle. <i>Journal of Human Sport and Exercise</i> , 2019, 14, .	0.4	1
104	The Influence of Dental Occlusion on Dynamic Balance and Muscular Tone. <i>Frontiers in Physiology</i> , 2019, 10, 1626.	2.8	39
105	Does growing up at high altitude pose a risk factor for type 2 diabetes?. <i>AIMS Public Health</i> , 2019, 6, 96-98.	2.6	2
106	The upper limit of cardiorespiratory fitness associated with longevity: an update. <i>AIMS Public Health</i> , 2019, 6, 225-228.	2.6	5
107	Cardiac arrest while exercising on mountains. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1699-1700.	1.6	0
108	Cardiac Arrest during Competitive Sports. <i>New England Journal of Medicine</i> , 2018, 378, 1461-1465.	27.0	7

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109	Influence of high-intensity interval training on ventilatory efficiency in trained athletes. <i>Respiratory Physiology and Neurobiology</i> , 2018, 250, 19-23.	1.6	6
110	The Hatfield-system versus the weekly undulating periodised resistance training in trained males. <i>International Journal of Sports Science and Coaching</i> , 2018, 13, 95-103.	1.4	4
111	Submaximal exercise testing at low altitude for prediction of exercise tolerance at high altitude. <i>Journal of Travel Medicine</i> , 2018, 25, .	3.0	14
112	Impact of a Soccer Game on Cardiac Biomarkers in Adolescent Players. <i>Pediatric Exercise Science</i> , 2018, 30, 90-95.	1.0	12
113	With age a lower individual breathing reserve is associated with a higher maximal heart rate. <i>Respiratory Physiology and Neurobiology</i> , 2018, 247, 61-64.	1.6	1
114	An ECG simulator with a novel ECG profile for physiological signals. <i>Journal of Medical Engineering and Technology</i> , 2018, 42, 501-509.	1.4	9
115	Preparation for Endurance Competitions at Altitude: Physiological, Psychological, Dietary and Coaching Aspects. A Narrative Review. <i>Frontiers in Physiology</i> , 2018, 9, 1504.	2.8	35
116	Effects of High-Intensity Interval Training Under Normobaric Hypoxia on Cardiometabolic Risk Markers in Overweight/Obese Women. <i>High Altitude Medicine and Biology</i> , 2018, 19, 356-366.	0.9	18
117	Accidental hypothermia in recreational activities in the mountains: A narrative review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2464-2472.	2.9	16
118	The "FIFA 11+" injury prevention program improves body stability in child (10 year old) soccer players. <i>Biology of Sport</i> , 2018, 35, 153-158.	3.2	11
119	Survival of the fittest VO sub 2 sub max a key predictor of longevity. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1505-1516.	3.0	71
120	High-Intensity Interval Training in Normobaric Hypoxia Leads to Greater Body Fat Loss in Overweight/Obese Women than High-Intensity Interval Training in Normoxia. <i>Frontiers in Physiology</i> , 2018, 9, 60.	2.8	29
121	Cutaneous Microvascular Blood Flow and Reactivity in Hypoxia. <i>Frontiers in Physiology</i> , 2018, 9, 160.	2.8	14
122	Extreme Terrestrial Environments: Life in Thermal Stress and Hypoxia. A Narrative Review. <i>Frontiers in Physiology</i> , 2018, 9, 572.	2.8	53
123	Role of Dietary Protein and Muscular Fitness on Longevity and Aging. , 2018, 9, 119.		46
124	Re: "Increased Cytokines at High Altitude: Lack of Effect of Ibuprofen on Acute Mountain Sickness, Physiological Variables, or Cytokine Levels" by Lundeberg, et al. (<i>High Alt Med Biol</i> 2018 19:249-258). <i>High Altitude Medicine and Biology</i> , 2018, 19, 303-303.	0.9	1
125	Research update for articles published in <sc>EJCI</sc> in 2016. <i>European Journal of Clinical Investigation</i> , 2018, 48, e13016.	3.4	0
126	The effects of weekly motivational phone calls on the amount of leisure sports activities and changes in physical fitness. <i>Pedagogics, Psychology, Medical-Biological Problems of Physical Training and Sports</i> , 2018, 22, 226.	0.4	0

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127	Exercise Performance, Muscle Oxygen Extraction and Blood Cell Mitochondrial Respiration after Repeated-Sprint and Sprint Interval Training in Hypoxia: A Pilot Study. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 339-347.	1.6	13
128	Is acute mountain sickness related to trait anxiety? A normobaric chamber study. <i>Physiology and Behavior</i> , 2017, 171, 187-191.	2.1	8
129	Is decision making in hypoxia affected by pre-acclimatisation? A randomized controlled trial. <i>Physiology and Behavior</i> , 2017, 173, 236-242.	2.1	15
130	Risk and Protective Factors for Sudden Cardiac Death During Leisure Activities in the Mountains: An Update. <i>Heart Lung and Circulation</i> , 2017, 26, 757-762.	0.4	21
131	Metformin for high-altitude performance?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 903-903.	1.9	1
132	Effect of Qigong exercise on cognitive function, blood pressure and cardiorespiratory fitness in healthy middle-aged subjects. <i>Complementary Therapies in Medicine</i> , 2017, 33, 39-45.	2.7	30
133	Intermittent hypoxic-hyperoxic training on cognitive performance in geriatric patients. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 114-122.	3.7	64
134	Exercise Capacity of Amateur Mountain Runners and Ski Mountaineers. <i>High Altitude Medicine and Biology</i> , 2017, 18, 436-437.	0.9	1
135	Different training responses to eccentric endurance exercise at low and moderate altitudes in pre-diabetic men: a pilot study. <i>Sport Sciences for Health</i> , 2017, 13, 615-623.	1.3	8
136	Response to: "Helmet use and risk of head injuries in alpine skiers and snowboarders: changes after an interval of one decade". <i>British Journal of Sports Medicine</i> , 2017, 51, 621.1-621.	6.7	2
137	Normobaric hypoxia overnight impairs cognitive reaction time. <i>BMC Neuroscience</i> , 2017, 18, 43.	1.9	13
138	Influence of high altitude on periodic leg movements during sleep in individuals with restless legs syndrome and healthy controls: A pilot study. <i>Sleep Medicine</i> , 2017, 29, 88-89.	1.6	7
139	Fall-related accidents among hikers in the Austrian Alps: a 9-year retrospective study. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000304.	2.9	28
140	SpO2 and Heart Rate During a Real Hike at Altitude Are Significantly Different than at Its Simulation in Normobaric Hypoxia. <i>Frontiers in Physiology</i> , 2017, 8, 81.	2.8	20
141	Influence of Inspiratory Muscle Training on Ventilatory Efficiency and Cycling Performance in Normoxia and Hypoxia. <i>Frontiers in Physiology</i> , 2017, 8, 133.	2.8	22
142	Endurance Training in Normobaric Hypoxia Imposes Less Physical Stress for Geriatric Rehabilitation. <i>Frontiers in Physiology</i> , 2017, 8, 514.	2.8	35
143	Impact of lowering ski binding settings on the outcome of the self-release test of ski bindings among female recreational skiers. <i>Open Access Journal of Sports Medicine</i> , 2017, Volume 8, 267-272.	1.3	6
144	Self-Release of Ski Bindings: A Sex Comparison. , 2017, , 109-117.		6

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145	The Effects of 3 Weeks of Uphill and Downhill Walking on Blood Lipids and Glucose Metabolism in Pre-Diabetic Men: A Pilot Study. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 35-43.	1.6	7
146	Lower mortality rates in those living at moderate altitude. <i>Aging</i> , 2016, 8, 2603-2604.	3.1	16
147	Acute effects of concentric and eccentric exercise matched for energy expenditure on glucose metabolism in healthy females: a randomized crossover trial. <i>SpringerPlus</i> , 2016, 5, 1455.	1.2	13
148	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. <i>Nutrients</i> , 2016, 8, 752.	4.1	87
149	Liver and kidney function in adolescent marathon runners. <i>European Journal of Clinical Investigation</i> , 2016, 46, 205-205.	3.4	0
150	Potential Effects of Hypoxia Preconditioning in Obesity Hypoventilation Syndrome?. <i>Chest</i> , 2016, 150, 1406.	0.8	0
151	Importance of Determining Maximal Heart Rate for Providing a Standardized Training Stimulus. <i>JAMA Internal Medicine</i> , 2016, 176, 1883.	5.1	1
152	Sports injuries and illnesses during the 2015 Winter European Youth Olympic Festival. <i>British Journal of Sports Medicine</i> , 2016, 50, 631-636.	6.7	25
153	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. <i>Textile Research Journal</i> , 2016, 86, 191-201.	2.2	4
154	Body fluid status and physical demand during the Giro dâ€™Italia. <i>Research in Sports Medicine</i> , 2016, 24, 30-38.	1.3	21
155	Regarding the article of Lang et al. (2016; 219:27-32) entitled, â€™Blood pressure response to six-minute walk test in hypertensive subjects exposed to high altitude: Effects of antihypertensive combination treatmentâ€™. <i>International Journal of Cardiology</i> , 2016, 223, 52.	1.7	1
156	Subjective assessment of acute mountain sickness: investigating the relationship between the Lake Louise Self-Report, a visual analogue scale and psychological well-being scales. <i>SpringerPlus</i> , 2016, 5, 1646.	1.2	4
157	Energy metabolism, liver and kidney function in adolescent marathon runners. <i>European Journal of Clinical Investigation</i> , 2016, 46, 27-33.	3.4	20
158	Seven Passive 1-h Hypoxia Exposures Do Not Prevent AMS in Susceptible Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2563-2570.	0.4	14
159	Ventilatory efficiency and breathing pattern in world-class cyclists: A three-year observational study. <i>Respiratory Physiology and Neurobiology</i> , 2016, 229, 17-23.	1.6	14
160	Anaerobic training in hypoxia: A new approach to stimulate the rating of effort perception. <i>Physiology and Behavior</i> , 2016, 163, 37-42.	2.1	18
161	When lightning strikes: reducing the risk of injury to high-altitude trekkers during thunderstormsResponse to Letter. <i>Journal of Travel Medicine</i> , 2016, 23, tav007.	3.0	2
162	Diagnosis and prediction of the occurrence of acute mountain sickness measuring oxygen saturationâ€™independent of absolute altitude?. <i>Sleep and Breathing</i> , 2016, 20, 435-442.	1.7	20

#	ARTICLE	IF	CITATIONS
163	Influence of adult role modeling on child/adolescent helmet use in recreational sledging: an observational study. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 266-270.	1.9	3
164	Hypoxia triggers high-altitude headache with migraine features: A prospective trial. <i>Cephalalgia</i> , 2016, 36, 765-771.	3.9	30
165	Acute mountain sickness and arterial oxygen saturation. <i>Sleep and Breathing</i> , 2016, 20, 1077-1078.	1.7	0
166	The influence of dental occlusion on the body balance in unstable platform increases after high intensity exercise. <i>Neuroscience Letters</i> , 2016, 617, 116-121.	2.1	25
167	Factors associated with self-reported failure of binding release among ACL injured male and female recreational skiers: a catalyst to change ISO binding standards?. <i>British Journal of Sports Medicine</i> , 2016, 50, 37-40.	6.7	27
168	Effects of Exhaustive Aerobic Exercise on Tryptophan-Kynurenine Metabolism in Trained Athletes. <i>PLoS ONE</i> , 2016, 11, e0153617.	2.5	69
169	Acute effects of concentric and eccentric exercise on glucose metabolism and interleukin-6 concentration in healthy males. <i>Biology of Sport</i> , 2016, 33, 153-158.	3.2	15
170	Differences in Sensation Seeking Between Alpine Skiers, Snowboarders and Ski Tourers. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 11-6.	1.6	16
171	Cardiorespiratory Effects of One-Legged High-Intensity Interval Training in Normoxia and Hypoxia: A Pilot Study. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 208-13.	1.6	3
172	The effect of pulsating electrostatic field application on the development of delayed onset of muscle soreness (DOMS) symptoms after eccentric exercise. <i>Journal of Physical Therapy Science</i> , 2015, 27, 3105-3107.	0.6	7
173	Dental Occlusion Influences the Standing Balance on an Unstable Platform. <i>Motor Control</i> , 2015, 19, 341-354.	0.6	28
174	Are self-reported risk-taking behavior and helmet use associated with injury causes among skiers and snowboarders?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 125-130.	2.9	31
175	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. <i>International Journal of COPD</i> , 2015, 10, 339.	2.3	18
176	Hypoxia, Oxidative Stress and Fat. <i>Biomolecules</i> , 2015, 5, 1143-1150.	4.0	79
177	Favourable Changes of the Risk-Benefit Ratio in Alpine Skiing. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6092-6097.	2.6	12
178	Factors Associated with the Perception of Speed among Recreational Skiers. <i>PLoS ONE</i> , 2015, 10, e0132002.	2.5	19
179	Absolute or Relative Jogging Pace. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2671-2672.	2.8	1
180	Effect of 3-week high-intensity interval training on VO ₂ max, total haemoglobin mass, plasma and blood volume in well-trained athletes. <i>European Journal of Applied Physiology</i> , 2015, 115, 2349-2356.	2.5	17

#	ARTICLE	IF	CITATIONS
181	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. <i>Obesity Facts</i> , 2015, 8, 200-209.	3.4	57
182	Effects of a 12-day maximal shuttle-run shock microcycle in hypoxia on soccer specific performance and oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 842-845.	1.9	28
183	Differing Levels of Acute Hypoxia Do Not Influence Maximal Anaerobic Power Capacity. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 78-82.	0.9	14
184	Cardiorespiratory Fitness of High Altitude Mountaineers: The Underestimated Prerequisite. <i>High Altitude Medicine and Biology</i> , 2015, 16, 169-170.	0.9	20
185	Is There a Link Between Physical Activity and Alcohol use?. <i>Substance Use and Misuse</i> , 2015, 50, 546-551.	1.4	18
186	Performance limitation and the role of core temperature when wearing light-weight workwear under moderate thermal conditions. <i>Journal of Thermal Biology</i> , 2015, 47, 83-90.	2.5	8
187	High-altitude mountaineering made safer. <i>Trauma</i> , 2015, 17, 4-16.	0.5	3
188	Effects of short-term antioxidant supplementation on oxidative stress and exercise performance in the heat and the cold. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2015, 7, 98-104.	0.8	6
189	Downhill Skiing: A Putative Model of Hypoxia Preconditioning?. <i>Journal of Clinical & Experimental Cardiology</i> , 2014, 05, .	0.0	4
190	Hypoxia induced downregulation of hepcidin is mediated by platelet derived growth factor BB. <i>Gut</i> , 2014, 63, 1951-1959.	12.1	127
191	Effects of Antioxidant Supplementation on Exercise Performance in Acute Normobaric Hypoxia. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2014, 24, 227-235.	2.1	6
192	Does mild resistance training resemble a similar stimulus compared to aerobic training?. <i>Hepatology</i> , 2014, 59, 351-352.	7.3	0
193	Symptom Progression in Acute Mountain Sickness During a 12-Hour Exposure to Normobaric Hypoxia Equivalent to 4500â€™M. <i>High Altitude Medicine and Biology</i> , 2014, 15, 446-451.	0.9	23
194	Effects of Living at Higher Altitudes on Mortality: A Narrative Review. , 2014, 5, 274-80.		85
195	Resting arterial oxygen saturation and breathing frequency as predictors for acute mountain sickness development: A prospective cohort study. <i>Sleep and Breathing</i> , 2014, 18, 669-674.	1.7	41
196	Prevalence of obesity and motor performance capabilities in Tyrolean preschool children. <i>Wiener Klinische Wochenschrift</i> , 2014, 126, 409-415.	1.9	11
197	Putative role of different exercise breathing patterns in normo- and hypobaric hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2014, 200, 6.	1.6	2
198	Bioimpedance and Impedance Vector Patterns as Predictors of League Level in Male Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 532-539.	2.3	78

#	ARTICLE	IF	CITATIONS
199	Bioimpedance Identifies Body Fluid Loss after Exercise in the Heat: A Pilot Study with Body Cooling. PLoS ONE, 2014, 9, e109729.	2.5	38
200	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
201	Life-style characteristics and cardiovascular risk factors in regular downhill skiers: an observational study. BMC Public Health, 2013, 13, 788.	2.9	27
202	The effects of caffeine, nicotine, ethanol, and tetrahydrocannabinol on exercise performance. Nutrition and Metabolism, 2013, 10, 71.	3.0	79
203	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
204	Injuries in judo: a systematic literature review including suggestions for prevention. British Journal of Sports Medicine, 2013, 47, 1139-1143.	6.7	152
205	Sleeping altitude and sudden cardiac death. American Heart Journal, 2013, 166, 71-75.	2.7	30
206	Factors Associated With the Ability to Estimate Actual Speeds in Recreational Alpine Skiers. Wilderness and Environmental Medicine, 2013, 24, 118-123.	0.9	26
207	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
208	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
209	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
210	Viscose as an alternative to aramid in workwear: Influence on endurance performance, cooling, and comfort. Textile Research Journal, 2013, 83, 2085-2092.	2.2	16
211	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
212	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
213	Hypoxia-Related Altitude Illnesses. Journal of Travel Medicine, 2013, 20, 247-255.	3.0	110
214	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
215	Plasma Electrolyte and Hematological Changes after Marathon Running in Adolescents. Medicine and Science in Sports and Exercise, 2013, 45, 1182-1187.	0.4	21
216	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
217	Association between Body Water Status and Acute Mountain Sickness. PLoS ONE, 2013, 8, e73185.	2.5	31
218	Physical Activity and Cardiovascular Diseases Epidemiology and Primary Preventive and Therapeutic Targets. , 2013, , 127-144.		1
219	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
220	Effects of helmet laws and education campaigns on helmet use in young skiers. Paediatrics and Child Health, 2013, 18, 471-2.	0.6	2
221	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
222	Is ski helmet legislation more effective than education?. British Journal of Sports Medicine, 2012, 46, 1091-1092.	6.7	11
223	Effects of Individual Aerobic Performance on Finish Time in Mountain Running. Perceptual and Motor Skills, 2012, 114, 979-982.	1.3	0
224	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
225	Time Spent Sitting and Idiopathic Pulmonary Embolism in Women. Clinical Journal of Sport Medicine, 2012, 22, 167-168.	1.8	0
226	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
227	Attitudes regarding ski helmet use among helmet wearers and non-wearers. Injury Prevention, 2012, 18, 182-186.	2.4	23
228	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
229	AEROBIC POWER IN CHILD, CADET AND SENIOR JUDO ATHLETES. Biology of Sport, 2012, 29, 217-222.	3.2	13
230	Does Risk Compensation Undo the Protection of Ski Helmet Use?. Epidemiology, 2012, 23, 936-937.	2.7	11
231	Short-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
232	Arnold Durig (1872-1961): Life and Work. An Austrian Pioneer in Exercise and High Altitude Physiology. High Altitude Medicine and Biology, 2012, 13, 224-231.	0.9	0
233	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
234	Cardiac Troponins in Young Marathon Runners. American Journal of Cardiology, 2012, 110, 594-598.	1.6	33

#	ARTICLE	IF	CITATIONS
235	Self reported risk taking and risk compensation in skiers and snowboarders are associated with sensation seeking. <i>Accident Analysis and Prevention</i> , 2012, 48, 292-296.	5.7	73
236	MRI Evidence: Acute Mountain Sickness Is Not Associated with Cerebral Edema Formation during Simulated High Altitude. <i>PLoS ONE</i> , 2012, 7, e50334.	2.5	27
237	Metabolic Adaptations May Counteract Ventilatory Adaptations of Intermittent Hypoxic Exposure during Submaximal Exercise at Altitudes up to 4000 m. <i>PLoS ONE</i> , 2012, 7, e49953.	2.5	4
238	Climbing the Himalayas more safely. <i>BMJ</i> , The, 2012, 344, e3778-e3778.	6.0	12
239	Short-term exposure to hypoxia for work and leisure activities in health and disease: which level of hypoxia is safe?. <i>Sleep and Breathing</i> , 2012, 16, 435-442.	1.7	25
240	Impact of environmental factors on knee injuries in male and female recreational skiers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 185-189.	2.9	39
241	The effect of gender on force, muscle activity, and frontal plane knee alignment during maximum eccentric leg-press exercise. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 510-516.	4.2	3
242	Effects of Intermittent Hypoxic Training on Exercise Tolerance in Patients with Chronic Obstructive Pulmonary Disease. , 2012, , 127-134.		0
243	Similar qualitative and quantitative changes of mitochondrial respiration following strength and endurance training in normoxia and hypoxia in sedentary humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1078-R1087.	1.8	144
244	Sildenafil and Bosentan Improve Arterial Oxygenation During Acute Hypoxic Exercise: A Controlled Laboratory Trial. <i>Wilderness and Environmental Medicine</i> , 2011, 22, 211-221.	0.9	21
245	Fatalities on Austrian Ski Slopes During a 5-year period. <i>Wilderness and Environmental Medicine</i> , 2011, 22, 326-328.	0.9	49
246	High cardiorespiratory fitness is more beneficial in pre-diabetic men than women. <i>Clinics</i> , 2011, 66, 747-751.	1.5	6
247	Ski Mountaineering Competition: Fit for It?. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 114-118.	1.8	29
248	Helmet Use in Australia Versus Helmet Use in Austria. <i>Journal of Trauma</i> , 2011, 70, 1017.	2.3	1
249	Impact of a Ski Helmet Mandatory on Helmet Use on Austrian Ski Slopes. <i>Journal of Trauma</i> , 2011, 71, 1085-1087.	2.3	20
250	Preexisting Cardiovascular Diseases Among High-Altitude Mountaineers in the Alps: Table 1. <i>Journal of Travel Medicine</i> , 2011, 18, 355-357.	3.0	8
251	Ventilation-limited exercise capacity in a 59-year-old athlete. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 181-184.	1.6	7
252	The upper limit of aerobic power in humans. <i>European Journal of Applied Physiology</i> , 2011, 111, 2625-2628.	2.5	21

#	ARTICLE	IF	CITATIONS
253	Do Ski Helmets Affect Reaction Time to Peripheral Stimuli?. Wilderness and Environmental Medicine, 2011, 22, 148-150.	0.9	17
254	The protective effects of helmets in skiers and snowboarders. BMJ: British Medical Journal, 2011, 342, d857-d857.	2.3	15
255	Risk factors for high-altitude headache in mountaineers. Cephalalgia, 2011, 31, 706-711.	3.9	49
256	Mechanism of ACL Injury in Skiers: Letter to the Editor. American Journal of Sports Medicine, 2011, 39, NP5-NP6.	4.2	6
257	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
258	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
259	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
260	Hypoxia: good guy or bad guy?. Sleep and Breathing, 2010, 14, 183-183.	1.7	0
261	The Risk of Cardiovascular Events During Leisure Time Activities at Altitude. Progress in Cardiovascular Diseases, 2010, 52, 507-511.	3.1	93
262	Factors associated with self-reported risk-taking behaviour on ski slopes. British Journal of Sports Medicine, 2010, 44, 204-206.	6.7	80
263	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
264	Effects of Intermittent Hypoxia on Running Economy. International Journal of Sports Medicine, 2010, 31, 644-650.	1.7	20
265	An Intergenerational Approach in Promoting Balance and Strength for Fall Prevention: Evidence-Based or Evidence-Inspired?. Gerontology, 2010, 57, 422-3.	2.8	2
266	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
267	Prevalence of Acute Mountain Sickness in the Eastern Alps. High Altitude Medicine and Biology, 2009, 10, 239-245.	0.9	61
268	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
269	Physiological basis to climb Mt. Everest in one day. Respiratory Physiology and Neurobiology, 2009, 166, 3.	1.6	8
270	High-altitude cerebral effects: risks and mechanisms. Lancet Neurology, The, 2009, 8, 604-605.	10.2	5

#	ARTICLE	IF	CITATIONS
271	Pursed-lips breathing for improved oxygenation at altitude. <i>Sleep and Breathing</i> , 2009, 13, 119-120.	1.7	3
272	Are oral contraceptive use and menstrual cycle phase related to anterior cruciate ligament injury risk in female recreational skiers?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 1065-1069.	4.2	70
273	Distribution of injury mechanisms and related factors in ACL-injured female carving skiers. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 1393-1398.	4.2	49
274	Supervised Exercise in Patients with Impaired Fasting Glucose: Impact on Exercise Capacity. <i>Clinical Journal of Sport Medicine</i> , 2009, 19, 394-398.	1.8	23
275	A Successful Therapy of High-Altitude Pulmonary Edema With a CPAP Helmet on Lenin Peak. <i>Clinical Journal of Sport Medicine</i> , 2009, 19, 72-73.	1.8	14
276	Interval hypoxic training improves autonomic cardiovascular and respiratory control in patients with mild chronic obstructive pulmonary disease. <i>Journal of Hypertension</i> , 2009, 27, 1648-1654.	0.5	78
277	Preacclimatization in simulated altitudes. <i>Sleep and Breathing</i> , 2008, 12, 109-114.	1.7	41
278	Prediction of the susceptibility to AMS in simulated altitude. <i>Sleep and Breathing</i> , 2008, 12, 103-108.	1.7	51
279	Arterial oxygen saturation during ascending to altitude under various conditions: Lessons from the field. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 535-537.	1.3	2
280	Frontal plane leg alignment and muscular activity during maximum eccentric contractions in individuals with and without patellofemoral pain syndrome. <i>Knee</i> , 2008, 15, 180-186.	1.6	16
281	Kälte: Physiologische und pathophysiologische Auswirkungen auf den menschlichen Organismus. <i>Sports Orthopaedics and Traumatology</i> , 2008, 24, 227-234.	0.1	0
282	Do We Have a Best Practice for Treating High Altitude Pulmonary Edema?. <i>High Altitude Medicine and Biology</i> , 2008, 9, 343-344.	0.9	1
283	Autonomic and cerebrovascular abnormalities in mild COPD are worsened by chronic smoking. <i>European Respiratory Journal</i> , 2008, 32, 1458-1465.	6.7	37
284	Superior Endurance Performance in Aging Mountain Runners. <i>Gerontology</i> , 2008, 54, 268-271.	2.8	34
285	Aerobic Exercise with Relaxation: Influence on Pain and Psychological Well-being in Female Migraine Patients. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 363-365.	1.8	59
286	Do Sleep Disorders Have an Impact on Blood Pressure?. <i>American Journal of Therapeutics</i> , 2008, 15, 345-350.	0.9	126
287	Risk Factor Profile for Sudden Cardiac Death During Mountain Hiking. <i>International Journal of Sports Medicine</i> , 2007, 28, 621-624.	1.7	53
288	Prevalence of Cardiovascular Diseases Among Alpine Skiers and Hikers in the Austrian Alps. <i>High Altitude Medicine and Biology</i> , 2007, 8, 245-252.	0.9	50

#	ARTICLE	IF	CITATIONS
289	Neuromuscular Fatigue during Sustained Contractions Performed in Short-Term Hypoxia. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 948-954.	0.4	47
290	Risk of Cardiovascular Events During Mountain Activities. <i>Advances in Experimental Medicine and Biology</i> , 2007, 618, 1-11.	1.6	49
291	The effects of short-term hypoxia on motor cortex excitability and neuromuscular activation. <i>Journal of Applied Physiology</i> , 2006, 101, 1673-1677.	2.5	40
292	Effects of Short-Term Acclimatization to Altitude (3200 m) on Aerobic and Anaerobic Exercise Performance. <i>International Journal of Sports Medicine</i> , 2006, 27, 629-635.	1.7	64
293	High-energy phosphate metabolism during two bouts of progressive calf exercise in humans measured by phosphorus-31 magnetic resonance spectroscopy. <i>European Journal of Applied Physiology</i> , 2005, 93, 469-479.	2.5	15
294	Prediction of Susceptibility to Acute Mountain Sickness by SaO ₂ Values during Short-Term Exposure to Hypoxia. <i>High Altitude Medicine and Biology</i> , 2004, 5, 335-340.	0.9	117
295	Endurance performance of the elderly mountaineer: Requirements, limitations, testing, and training. <i>Wiener Klinische Wochenschrift</i> , 2004, 116, 703-714.	1.9	46
296	Exercise Capacity for Mountaineering: How Much Is Necessary?. <i>Research in Sports Medicine</i> , 2004, 12, 241-250.	1.3	11
297	Intermittent hypoxia increases exercise tolerance in elderly men with and without coronary artery disease. <i>International Journal of Cardiology</i> , 2004, 96, 247-254.	1.7	134
298	Prediction of Susceptibility to Acute Mountain Sickness by Sa _{O₂} Values during Short-Term Exposure to Hypoxia. <i>High Altitude Medicine and Biology</i> , 2004, 5, 335-340.	0.9	10
299	β-Blockers May Provoke Oxygen Desaturation during Submaximal Exercise at Moderate Altitudes in Elderly Persons. <i>High Altitude Medicine and Biology</i> , 2003, 4, 475-478.	0.9	15
300	Leukonychia Following High Altitude Exposure. <i>High Altitude Medicine and Biology</i> , 2002, 3, 93-94.	0.9	6
301	Cardiopulmonary and metabolic responses in healthy elderly humans during a 1-week hiking programme at high altitude. <i>European Journal of Applied Physiology</i> , 2001, 84, 379-386.	2.5	78
302	Effects of Aspirin During Exercise on the Incidence of High-Altitude Headache: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Headache</i> , 2001, 41, 542-545.	3.9	41
303	Prior Myocardial Infarction is the Major Risk Factor Associated with Sudden Cardiac Death During Downhill Skiing. <i>International Journal of Sports Medicine</i> , 2000, 21, 613-615.	1.7	54
304	Aspirin for prophylaxis against headache at high altitudes: randomised, double blind, placebo controlled trial. <i>BMJ: British Medical Journal</i> , 1998, 316, 1057-1058.	2.3	75
305	The Risk of Death to Trekkers and Hikers in the Mountains. <i>JAMA - Journal of the American Medical Association</i> , 1995, 273, 460.	7.4	11
306	Randomised, Double-Blind, Comparative Study of Morphine and Tramadol Administered Intra-Articularly for Postoperative Analgesia Following Arthroscopic Surgery. <i>Clinical Drug Investigation</i> , 1995, 10, 17-21.	2.2	14

#	ARTICLE	IF	CITATIONS
307	Ibuprofen versus sumatriptan for high-altitude headache. <i>Lancet</i> , The, 1995, 346, 254-255.	13.7	36
308	Avalanche survival chances. <i>Nature</i> , 1994, 371, 482-482.	27.8	7
309	Sudden Cardiac Death during Mountain Hiking and Downhill Skiing. <i>New England Journal of Medicine</i> , 1993, 329, 1738-1739.	27.0	101
310	Specific exercise testing in judo athletes. <i>Archives of Budo</i> , 0, 8, 133-139.	0.0	11
311	Factors associated with self-reported failure of binding to release among recreational skiers: an epidemiological study. <i>Current Issues in Sport Science</i> , 0, , .	0.1	3
312	PREDICTIVE IMPORTANCE OF ANTHROPOMETRIC AND TRAINING DATA IN RECREATIONAL MALE IRONMAN TRIATHLETES AND MARATHON RUNNERS: COMMENT ON THE STUDY BY GIANOLI, <i>ET AL</i> . (2012) ¹ . <i>Perceptual and Motor Skills</i> , 0, , 130624075139005.	1.3	0
313	Monitoring body temperature during moderate intensity exercise and inactive recovery in the cold: a pilot study. <i>Current Issues in Sport Science</i> , 0, , .	0.1	0
314	Is Hypoxic/Altitude Training an Important Topic in the Field of Hypoxia?. <i>Journal of Science in Sport and Exercise</i> , 0, , .	1.0	4
315	The Impact of Sprint Interval Exercise in Acute Severe Hypoxia on Executive Function. <i>High Altitude Medicine and Biology</i> , 0, , .	0.9	2