

# Martin Burtscher

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

286 papers	4,745 citations	38 h-index	54 g-index
326 ext. papers	5,992 ext. citations	5.1 avg, IF	6.11 L-index

#	Paper	IF	Citations
286	Adaptive responses to hypoxia and/or hyperoxia in humans.. <i>Antioxidants and Redox Signaling</i> , <b>2022</b> , ,	8.4	5
285	Does Regular Physical Activity Mitigate the Age-Associated Decline in Pulmonary Function?. <i>Sports Medicine</i> , <b>2022</b> , 1	10.6	0
284	Might Gendering Ski Binding Settings be Helpful for the Prevention of ACL Injuries Among Female Recreational Alpine Skiers?. <i>Sports Medicine - Open</i> , <b>2022</b> , 8, 21	6.1	
283	The interplay of hypoxic and mental stress: implications for anxiety and depressive disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104718	9	0
282	Altitude and COVID-19: Friend or foe? A narrative review. <i>Physiological Reports</i> , <b>2021</b> , 8, e14615	2.6	19
281	How important is V Omax when climbing Mt. Everest (8,849 m)?. <i>Respiratory Physiology and Neurobiology</i> , <b>2021</b> , 103833	2.8	0
280	Aiming at Optimal Physical Activity for Longevity (OPAL). <i>Sports Medicine - Open</i> , <b>2021</b> , 7, 70	6.1	
279	The Impact of Ski Geometry Data and Standing Height on the Risk of Falling in Recreational Alpine Skiers. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9912	2.6	
278	Evaluation of a Strength-Training Program on Clinical Outcomes in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 325, 1110-1111	27.4	1
277	Sex-specific differences in blood pressure responses following acute high-altitude exposure. <i>Journal of Travel Medicine</i> , <b>2021</b> ,	12.9	3
276	Nutrition for Older Athletes: Focus on Sex-Differences. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
275	High-altitude illnesses: Old stories and new insights into the pathophysiology, treatment and prevention. <i>Sports Medicine and Health Science</i> , <b>2021</b> , 3, 59-59	4.5	4
274	Is splenic contraction more pronounced when exercising in hypoxia than normoxia?. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 2369-2370	3.4	1
273	Does living at moderate altitudes in Austria affect mortality rates of various causes? An ecological study. <i>BMJ Open</i> , <b>2021</b> , 11, e048520	3	10
272	Obesity and Mortality Among Patients Diagnosed With COVID-19. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 887	8	1
271	Impact of High Altitude on Cardiovascular Health: Current Perspectives. <i>Vascular Health and Risk Management</i> , <b>2021</b> , 17, 317-335	4.4	8
270	Hypoxia and brain aging: Neurodegeneration or neuroprotection?. <i>Ageing Research Reviews</i> , <b>2021</b> , 68, 101343	12	23

269	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> , <b>2021</b> , 38, 101732	11.3	1
268	In recreational alpine skiing, the ACL is predominantly injured in all knee injuries needing hospitalisation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2021</b> , 29, 1790-1796	5.5	7
267	Extreme sports performance for more than a week with severely fractured sleep. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 951-955	3.1	1
266	Effects of Ultramarathon Running on Mitochondrial Function of Platelets and Oxidative Stress Parameters: A Pilot Study. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 632664	4.6	3
265	The Use of Pulse Oximetry in the Assessment of Acclimatization to High Altitude. <i>Sensors</i> , <b>2021</b> , 21,	3.8	12
264	Sudden Cardiac Death Risk in Downhill Skiers and Mountain Hikers and Specific Prevention Strategies. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
263	Associations between physical frailty, physical activity and dementia incidence. <i>The Lancet Healthy Longevity</i> , <b>2021</b> , 2, e66	9.5	
262	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. <i>Redox Biology</i> , <b>2021</b> , 43, 101976	11.3	10
261	Human Platelet Mitochondrial Function Reflects Systemic Mitochondrial Alterations: A Protocol for Application in Field Studies. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
260	Sex-dependent blood pressure regulation in acute hypoxia. <i>Hypertension Research</i> , <b>2021</b> , 44, 1689	4.7	0
259	Moderate Altitude Residence Reduces Male Colorectal and Female Breast Cancer Mortality More Than Incidence: Therapeutic Implications?. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
258	Cardiac Biomarkers Following Marathon Running: Is Running Time a Factor for Biomarker Change?. <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 1-8	3.5	2
257	Conditioning the Brain: From Exercise to Hypoxia. <i>Exercise and Sport Sciences Reviews</i> , <b>2021</b> , 49, 291-292	6.7	1
256	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> , <b>2021</b> , 91, 63-68	1.7	1
255	Differences in the prevalence of physical activity and cardiovascular risk factors between people living at low (. <i>AIMS Public Health</i> , <b>2021</b> , 8, 624-635	1.9	0
254	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 &amp; Physical Activity</i> , <b>2021</b> , 17, 18-24	0.1	
253	Ski-geometric parameters do not differ between ACL injury mechanisms in recreational alpine skiing.. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2021</b> , 1	5.5	
252	(Indoor) isolation, stress, and physical inactivity: Vicious circles accelerated by COVID-19?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 1544-1545	4.6	79

251	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> , <b>2020</b> , 17,	4.6	2
250	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> , <b>2020</b> , 21, 292-296	1.9	2
249	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> , <b>2020</b> , 11, 531	4.6	4
248	Systemic Blood Pressure Variation During a 12-Hour Exposure to Normobaric Hypoxia (4500 m). <i>High Altitude Medicine and Biology</i> , <b>2020</b> , 21, 194-199	1.9	3
247	High-Carbohydrate Ingestion in High Altitude. <i>High Altitude Medicine and Biology</i> , <b>2020</b> , 21, 211-212	1.9	1
246	Incidences of Fatalities on Austrian Ski Slopes: A 10-Year Analysis. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	7
245	Effect of Daily Physical Education on Physical Fitness in Elementary School Children. <i>Advances in Physical Education</i> , <b>2020</b> , 10, 97-105	0.5	2
244	Sport in Extreme Environments: Cardiovascular Issues <b>2020</b> , 683-699		
243	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> , <b>2020</b> , 16, 418-426	1.8	0
242	Hypoxic/Hyperoxic conditioning and dementia <b>2020</b> , 745-760		3
241	Caution is needed on the effect of altitude on the pathogenesis of SAR-CoV-2 virus. <i>Respiratory Physiology and Neurobiology</i> , <b>2020</b> , 279, 103464	2.8	7
240	Is it time to revise the acclimatization schedule at high altitude?. <i>Medical Journal Armed Forces India</i> , <b>2020</b> , 76, 120-121	1.9	
239	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> , <b>2020</b> , 17,	4.6	3
238	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> , <b>2020</b> , 281, 103513	2.8	
237	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> , <b>2020</b> , 21, 423-424	1.9	1
236	Migraine and aura triggered by normobaric hypoxia. <i>Cephalalgia</i> , <b>2020</b> , 40, 1561-1573	6.1	5
235	Jumping at the opportunity: Promoting physical activity after COVID-19. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 1549-1550	4.6	1
234	Cardiovascular Consequences of Acute Kidney Injury. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1093	59.2	1

233	Age-Dependent Health Status and Cardiorespiratory Fitness in Austrian Military Mountain Guides. <i>High Altitude Medicine and Biology</i> , <b>2020</b> , 21, 346-351	1.9	0
232	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> , <b>2019</b> , 16,	4.6	8
231	Effects of Whole-Body Vibration Training Combined With Cyclic Hypoxia on Bone Mineral Density in Elderly People. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1122	4.6	9
230	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> , <b>2019</b> , 29, 736-741	4.6	9
229	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> , <b>2019</b> , 20, 44	2.8	12
228	Supervised Short-term High-intensity Training on Plasma Irisin Concentrations in Type 2 Diabetic Patients. <i>International Journal of Sports Medicine</i> , <b>2019</b> , 40, 158-164	3.6	13
227	Dental occlusion and body balance: A question of environmental constraints?. <i>Journal of Oral Rehabilitation</i> , <b>2019</b> , 46, 388-397	3.4	13
226	Concentric and Eccentric Endurance Exercise Reverse Hallmarks of T-Cell Senescence in Pre-diabetic Subjects. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 684	4.6	13
225	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> , <b>2019</b> , 19, 167	4.1	6
224	Physiological Responses in Humans Acutely Exposed to High Altitude (3480 m): Minute Ventilation and Oxygenation Are Predictive for the Development of Acute Mountain Sickness. <i>High Altitude Medicine and Biology</i> , <b>2019</b> , 20, 192-197	1.9	17
223	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> , <b>2019</b> , 42, 1095	4.7	1
222	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> , <b>2019</b> , 17,	4.6	8
221	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> , <b>2019</b> , 20, 337-343	1.9	6
220	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> , <b>2019</b> , 22 Suppl 1, S22-S26	4.4	3
219	Physiological and Pathophysiological Responses to Ultramarathon Running in Non-elite Runners. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1300	4.6	18
218	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> , <b>2019</b> , 16,	4.6	7
217	Factors Associated with Physical Fitness among Overweight and Non-Overweight Austrian Secondary School Students. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	3
216	The Influence of Dental Occlusion on Dynamic Balance and Muscular Tone. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1626	4.6	13

215	Does growing up at high altitude pose a risk factor for type 2 diabetes?. <i>AIMS Public Health</i> , <b>2019</b> , 6, 96-98	2	9
214	The upper limit of cardiorespiratory fitness associated with longevity: an update. <i>AIMS Public Health</i> , <b>2019</b> , 6, 225-228	1.9	2
213	Is the Effect of Physical Activity on Quality of Life in Older Adults Mediated by Social Support?. <i>Gerontology</i> , <b>2019</b> , 65, 375-382	5.5	9
212	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> , <b>2019</b> , 14, 2281-2293	4	2
211	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> , <b>2019</b> , 16,	4.6	10
210	Impact of listening to music while wearing a ski helmet on sound source localization. <i>Journal of Science and Medicine in Sport</i> , <b>2019</b> , 22 Suppl 1, S7-S11	4.4	2
209	Physiological Factors Associated With Declining Repeated Sprint Performance in Hypoxia. <i>Journal of Strength and Conditioning Research</i> , <b>2019</b> , 33, 211-216	3.2	5
208	Why not consider a sex factor within the ISO 11088 ski binding setting standard?. <i>British Journal of Sports Medicine</i> , <b>2019</b> , 53, 1127-1128	10.3	3
207	Potential Health Benefits From Downhill Skiing. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1924	4.6	7
206	Cardiac arrest while exercising on mountains. <i>American Journal of Emergency Medicine</i> , <b>2018</b> , 36, 1699-1700	7	200
205	Cardiac Arrest during Competitive Sports. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1464-1465	59.2	5
204	Influence of high-intensity interval training on ventilatory efficiency in trained athletes. <i>Respiratory Physiology and Neurobiology</i> , <b>2018</b> , 250, 19-23	2.8	4
203	The Hatfield-system versus the weekly undulating periodised resistance training in trained males. <i>International Journal of Sports Science and Coaching</i> , <b>2018</b> , 13, 95-103	1.8	1
202	Submaximal exercise testing at low altitude for prediction of exercise tolerance at high altitude. <i>Journal of Travel Medicine</i> , <b>2018</b> , 25,	12.9	6
201	Impact of a Soccer Game on Cardiac Biomarkers in Adolescent Players. <i>Pediatric Exercise Science</i> , <b>2018</b> , 30, 90-95	2	9
200	With age a lower individual breathing reserve is associated with a higher maximal heart rate. <i>Respiratory Physiology and Neurobiology</i> , <b>2018</b> , 247, 61-64	2.8	1
199	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> , <b>2018</b> , 9, 60	4.6	21
198	Cutaneous Microvascular Blood Flow and Reactivity in Hypoxia. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 160	4.6	10

197	Extreme Terrestrial Environments: Life in Thermal Stress and Hypoxia. A Narrative Review. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 572	4.6	33
196	Role of Dietary Protein and Muscular Fitness on Longevity and Aging <b>2018</b> , 9, 119-132		38
195	Re: "Increased Cytokines at High Altitude: Lack of Effect of Ibuprofen on Acute Mountain Sickness, Physiological Variables, or Cytokine Levels" by Lundeborg, et al. (High Alt Med Biol 2018 19:249-258). <i>High Altitude Medicine and Biology</i> , <b>2018</b> , 19, 303	1.9	1
194	Research update for articles published in EJCI in 2016. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e13016	4.6	
193	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> , <b>2018</b> , 17, 339-347	2.7	9
192	The effects of weekly motivational phone calls on the amount of leisure sports activities and changes in physical fitness <b>2018</b> , 22, 226		
191	Putative Role of Respiratory Muscle Training to Improve Endurance Performance in Hypoxia: A Review. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1970	4.6	9
190	An ECG simulator with a novel ECG profile for physiological signals. <i>Journal of Medical Engineering and Technology</i> , <b>2018</b> , 42, 501-509	1.8	2
189	Preparation for Endurance Competitions at Altitude: Physiological, Psychological, Dietary and Coaching Aspects. A Narrative Review. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1504	4.6	19
188	Effects of High-Intensity Interval Training Under Normobaric Hypoxia on Cardiometabolic Risk Markers in Overweight/Obese Women. <i>High Altitude Medicine and Biology</i> , <b>2018</b> , 19, 356-366	1.9	11
187	Accidental hypothermia in recreational activities in the mountains: A narrative review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 2464-2472	4.6	8
186	The "FIFA 11+" injury prevention program improves body stability in child (10 year old) soccer players. <i>Biology of Sport</i> , <b>2018</b> , 35, 153-158	4.3	6
185	Survival of the fittest: VOmax, a key predictor of longevity?. <i>Frontiers in Bioscience - Landmark</i> , <b>2018</b> , 23, 1505-1516	2.8	36
184	Is acute mountain sickness related to trait anxiety? A normobaric chamber study. <i>Physiology and Behavior</i> , <b>2017</b> , 171, 187-191	3.5	6
183	Is decision making in hypoxia affected by pre-acclimatisation? A randomized controlled trial. <i>Physiology and Behavior</i> , <b>2017</b> , 173, 236-242	3.5	10
182	Risk and Protective Factors for Sudden Cardiac Death During Leisure Activities in the Mountains: An Update. <i>Heart Lung and Circulation</i> , <b>2017</b> , 26, 757-762	1.8	15
181	Metformin for high-altitude performance?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2017</b> , 44, 903	3	
180	Effect of Qigong exercise on cognitive function, blood pressure and cardiorespiratory fitness in healthy middle-aged subjects. <i>Complementary Therapies in Medicine</i> , <b>2017</b> , 33, 39-45	3.5	21



179	Intermittent hypoxic-hyperoxic training on cognitive performance in geriatric patients. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2017</b> , 3, 114-122	6	34
178	Exercise Capacity of Amateur Mountain Runners and Ski Mountaineers. <i>High Altitude Medicine and Biology</i> , <b>2017</b> , 18, 436-437	1.9	1
177	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> , <b>2017</b> , 13, 615-623	1.3	5
176	Vorbereitung für Trekking und Höhenbergsteigen. <i>Flugmedizin Tropenmedizin Reisemedizin - FTR</i> , <b>2017</b> , 24, 217-220	0.1	
175	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> , <b>2017</b> , 8, 267-272	2.9	2
174	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> , <b>2017</b> , 51, 621	10.3	1
173	Normobaric hypoxia overnight impairs cognitive reaction time. <i>BMC Neuroscience</i> , <b>2017</b> , 18, 43	3.2	7
172	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> , <b>2017</b> , 29, 88-89	4.6	4
171	Fall-related accidents among hikers in the Austrian Alps: a 9-year retrospective study. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2017</b> , 3, e000304	3.4	14
170	SpO <sub>2</sub> and Heart Rate During a Real Hike at Altitude Are Significantly Different than at Its Simulation in Normobaric Hypoxia. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 81	4.6	11
169	Influence of Inspiratory Muscle Training on Ventilatory Efficiency and Cycling Performance in Normoxia and Hypoxia. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 133	4.6	13
168	Endurance Training in Normobaric Hypoxia Imposes Less Physical Stress for Geriatric Rehabilitation. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 514	4.6	15
167	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> , <b>2017</b> , 16, 35-43	2.7	7
166	Self-Release of Ski Bindings: A Sex Comparison <b>2017</b> , 109-117		3
165	Seven Passive 1-h Hypoxia Exposures Do Not Prevent AMS in Susceptible Individuals. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 2563-2570	1.2	11
164	Ventilatory efficiency and breathing pattern in world-class cyclists: A three-year observational study. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 229, 17-23	2.8	8
163	Anaerobic training in hypoxia: A new approach to stimulate the rating of effort perception. <i>Physiology and Behavior</i> , <b>2016</b> , 163, 37-42	3.5	12
162	When lightning strikes: reducing the risk of injury to high-altitude trekkers during thunderstorms. <i>Journal of Travel Medicine</i> , <b>2016</b> , 23,	12.9	1



161	Diagnosis and prediction of the occurrence of acute mountain sickness measuring oxygen saturation--independent of absolute altitude?. <i>Sleep and Breathing</i> , <b>2016</b> , 20, 435-42	3.1	17
160	Influence of adult role modeling on child/adolescent helmet use in recreational sledging: an observational study. <i>Wiener Klinische Wochenschrift</i> , <b>2016</b> , 128, 266-70	2.3	1
159	Hypoxia triggers high-altitude headache with migraine features: A prospective trial. <i>Cephalalgia</i> , <b>2016</b> , 36, 765-71	6.1	23
158	Acute mountain sickness and arterial oxygen saturation. <i>Sleep and Breathing</i> , <b>2016</b> , 20, 1077-8	3.1	
157	The influence of dental occlusion on the body balance in unstable platform increases after high intensity exercise. <i>Neuroscience Letters</i> , <b>2016</b> , 617, 116-21	3.3	17
156	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> , <b>2016</b> , 50, 37-40	10.3	16
155	Effects of Exhaustive Aerobic Exercise on Tryptophan-Kynurenine Metabolism in Trained Athletes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153617	3.7	59
154	Differences in Sensation Seeking Between Alpine Skiers, Snowboarders and Ski Tourers. <i>Journal of Sports Science and Medicine</i> , <b>2016</b> , 15, 11-6	2.7	14
153	Cardiorespiratory Effects of One-Legged High-Intensity Interval Training in Normoxia and Hypoxia: A Pilot Study. <i>Journal of Sports Science and Medicine</i> , <b>2016</b> , 15, 208-13	2.7	1
152	Acute effects of concentric and eccentric exercise on glucose metabolism and interleukin-6 concentration in healthy males. <i>Biology of Sport</i> , <b>2016</b> , 33, 153-8	4.3	13
151	Lower mortality rates in those living at moderate altitude. <i>Aging</i> , <b>2016</b> , 8, 2603-2604	5.6	10
150	Acute effects of concentric and eccentric exercise matched for energy expenditure on glucose metabolism in healthy females: a randomized crossover trial. <i>SpringerPlus</i> , <b>2016</b> , 5, 1455		12
149	Probiotic Supplements Beneficially Affect Tryptophan-Kynurenine Metabolism and Reduce the Incidence of Upper Respiratory Tract Infections in Trained Athletes: A Randomized, Double-Blinded, Placebo-Controlled Trial. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	60
148	Liver and kidney function in adolescent marathon runners. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 205	4.6	
147	Potential Effects of Hypoxia Preconditioning in Obesity Hypoventilation Syndrome?. <i>Chest</i> , <b>2016</b> , 150, 1406	5.3	
146	Importance of Determining Maximal Heart Rate for Providing a Standardized Training Stimulus. <i>JAMA Internal Medicine</i> , <b>2016</b> , 176, 1883	11.5	1
145	Sports injuries and illnesses during the 2015 Winter European Youth Olympic Festival. <i>British Journal of Sports Medicine</i> , <b>2016</b> , 50, 631-6	10.3	17
144	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> , <b>2016</b> , 86, 191-201	1.7	3

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