

Hannes Gatterer

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

3,046
citations

186209

28
h-index

243529

44
g-index

172
all docs

172
docs citations

172
times ranked

3265
citing authors

#	ARTICLE	IF	CITATIONS
1	Do Sleep Disorders Have an Impact on Blood Pressure?. American Journal of Therapeutics, 2008, 15, 345-350.	0.5	126
2	Hypoxia-Related Altitude Illnesses. Journal of Travel Medicine, 2013, 20, 247-255.	1.4	110
3	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. Nutrients, 2016, 8, 752.	1.7	87
4	Factors associated with self-reported risk-taking behaviour on ski slopes. British Journal of Sports Medicine, 2010, 44, 204-206.	3.1	80
5	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.	1.9	80
6	Hypoxia, Oxidative Stress and Fat. Biomolecules, 2015, 5, 1143-1150.	1.8	79
7	Interval hypoxic training improves autonomic cardiovascular and respiratory control in patients with mild chronic obstructive pulmonary disease. Journal of Hypertension, 2009, 27, 1648-1654.	0.3	78
8	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.	1.1	78
9	Intermittent hypoxia increases exercise tolerance in patients at risk for or with mild COPD. Respiratory Physiology and Neurobiology, 2009, 165, 97-103.	0.7	71
10	Effects of Exhaustive Aerobic Exercise on Tryptophan-Kynurenine Metabolism in Trained Athletes. PLoS ONE, 2016, 11, e0153617.	1.1	69
11	Body Composition and Body Weight Changes at Different Altitude Levels: A Systematic Review and Meta-Analysis. Frontiers in Physiology, 2019, 10, 430.	1.3	59
12	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.	1.6	57
13	Extreme Terrestrial Environments: Life in Thermal Stress and Hypoxia. A Narrative Review. Frontiers in Physiology, 2018, 9, 572.	1.3	53
14	Classic Bioelectrical Impedance Vector Reference Values for Assessing Body Composition in Male and Female Athletes. International Journal of Environmental Research and Public Health, 2019, 16, 5066.	1.2	53
15	Prevalence of Cardiovascular Diseases Among Alpine Skiers and Hikers in the Austrian Alps. High Altitude Medicine and Biology, 2007, 8, 245-252.	0.5	50
16	Preacclimatization in simulated altitudes. Sleep and Breathing, 2008, 12, 109-114.	0.9	41
17	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.	0.9	41
18	Physiological Responses in Humans Acutely Exposed to High Altitude (3480m): Minute Ventilation and Oxygenation Are Predictive for the Development of Acute Mountain Sickness. High Altitude Medicine and Biology, 2019, 20, 192-197.	0.5	40

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19	High-altitude cerebral edema: its own entity or end-stage acute mountain sickness?. <i>Journal of Applied Physiology</i> , 2021, 131, 313-325.	1.2	38
20	Bioimpedance Identifies Body Fluid Loss after Exercise in the Heat: A Pilot Study with Body Cooling. <i>PLoS ONE</i> , 2014, 9, e109729.	1.1	38
21	Bioimpedance patterns and bioelectrical impedance vector analysis (BIVA) of road cyclists. <i>Journal of Sports Sciences</i> , 2018, 36, 2608-2613.	1.0	37
22	Endurance Training in Normobaric Hypoxia Imposes Less Physical Stress for Geriatric Rehabilitation. <i>Frontiers in Physiology</i> , 2017, 8, 514.	1.3	35
23	Short-term intermittent hypoxia reduces the severity of acute mountain sickness. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, e79-85.	1.3	34
24	Effects of a Single Bout of Interval Hypoxia on Cardiorespiratory Control and Blood Glucose in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 2183-2189.	4.3	34
25	Cardiac Troponins in Young Marathon Runners. <i>American Journal of Cardiology</i> , 2012, 110, 594-598.	0.7	33
26	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.	1.2	33
27	Association between Body Water Status and Acute Mountain Sickness. <i>PLoS ONE</i> , 2013, 8, e73185.	1.1	31
28	Effects of interval hypoxia on exercise tolerance: special focus on patients with CAD or COPD. <i>Sleep and Breathing</i> , 2010, 14, 209-220.	0.9	30
29	Short-Term Supplementation with Alpha-Ketoglutaric Acid and 5-Hydroxymethylfurfural Does not Prevent the Hypoxia Induced Decrease of Exercise Performance Despite Attenuation of Oxidative Stress. <i>International Journal of Sports Medicine</i> , 2012, 34, 1-7.	0.8	30
30	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.	1.3	30
31	Shuttle-run sprint training in hypoxia for youth elite soccer players: a pilot study. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 731-5.	0.7	30
32	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. <i>Clinical Journal of Sport Medicine</i> , 2010, 20, 47-52.	0.9	29
33	Ski Mountaineering Competition: Fit for It?. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 114-118.	0.9	29
34	Dental Occlusion Influences the Standing Balance on an Unstable Platform. <i>Motor Control</i> , 2015, 19, 341-354.	0.3	28
35	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.	0.9	28
36	Exercise physiology and nutritional perspectives of elite soccer refereeing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 782-793.	1.3	27

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37	Right ventricle dimensions and function in response to acute hypoxia in healthy human subjects. <i>Acta Physiologica</i> , 2017, 219, 478-485.	1.8	26
38	Effects of snow properties on humans breathing into an artificial air pocket – an experimental field study. <i>Scientific Reports</i> , 2017, 7, 17675.	1.6	26
39	Modulation of Hb-O ₂ affinity to improve hypoxemia in COVID-19 patients. <i>Clinical Nutrition</i> , 2021, 40, 38-39.	2.3	26
40	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.	0.9	25
41	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.	1.0	25
42	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.	0.8	25
43	Regulation of plasma volume in male lowlanders during 4 days of exposure to hypobaric hypoxia equivalent to 3500m altitude. <i>Journal of Physiology</i> , 2021, 599, 1083-1096.	1.3	24
44	Changes in hydration, body-cell mass and endurance performance of professional soccer players through a competitive season. <i>Journal of Sports Medicine and Physical Fitness</i> , 2015, 55, 749-55.	0.4	24
45	Supervised Exercise in Patients with Impaired Fasting Glucose: Impact on Exercise Capacity. <i>Clinical Journal of Sport Medicine</i> , 2009, 19, 394-398.	0.9	23
46	Symptom Progression in Acute Mountain Sickness During a 12-Hour Exposure to Normobaric Hypoxia Equivalent to 4500m. <i>High Altitude Medicine and Biology</i> , 2014, 15, 446-451.	0.5	23
47	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.	1.2	23
48	Intermittent hypoxia does not affect endurance performance at moderate altitude in well-trained athletes. <i>Journal of Sports Sciences</i> , 2010, 28, 513-519.	1.0	22
49	Changes in Cardiac Autonomic Activity During a Passive 8 Hour Acute Exposure to 500m Normobaric Hypoxia are not Related to the Development of Acute Mountain Sickness. <i>International Journal of Sports Medicine</i> , 2012, 33, 186-191.	0.8	22
50	Influence of Inspiratory Muscle Training on Ventilatory Efficiency and Cycling Performance in Normoxia and Hypoxia. <i>Frontiers in Physiology</i> , 2017, 8, 133.	1.3	22
51	Concentric and Eccentric Endurance Exercise Reverse Hallmarks of T-Cell Senescence in Pre-diabetic Subjects. <i>Frontiers in Physiology</i> , 2019, 10, 684.	1.3	22
52	The interplay of hypoxic and mental stress: Implications for anxiety and depressive disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104718.	2.9	22
53	Plasma Electrolyte and Hematological Changes after Marathon Running in Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1182-1187.	0.2	21
54	Body fluid status and physical demand during the Giro d'Italia. <i>Research in Sports Medicine</i> , 2016, 24, 30-38.	0.7	21

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55	Effects of Intermittent Hypoxia on Running Economy. <i>International Journal of Sports Medicine</i> , 2010, 31, 644-650.	0.8	20
56	Cardiorespiratory Fitness of High Altitude Mountaineers: The Underestimated Prerequisite. <i>High Altitude Medicine and Biology</i> , 2015, 16, 169-170.	0.5	20
57	Energy metabolism, liver and kidney function in adolescent marathon runners. <i>European Journal of Clinical Investigation</i> , 2016, 46, 27-33.	1.7	20
58	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.	1.3	20
59	Stabilizing Bioimpedance-Vector-Analysis Measures With a 10-Minute Cold Shower After Running Exercise to Enable Assessment of Body Hydration. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 1006-1009.	1.1	20
60	Effects of the performance level and the FIFA "11" injury prevention program on the injury rate in Italian male amateur soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2012, 52, 80-4.	0.4	19
61	Effects of Lightweight Outdoor Clothing on the Prevention of Hypothermia During Low-Intensity Exercise in the Cold. <i>Clinical Journal of Sport Medicine</i> , 2012, 22, 505-507.	0.9	18
62	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.	0.9	18
63	Anaerobic training in hypoxia: A new approach to stimulate the rating of effort perception. <i>Physiology and Behavior</i> , 2016, 163, 37-42.	1.0	18
64	Hypoxia and hypercapnia effects on cerebral oxygen saturation in avalanche burial: A pilot human experimental study. <i>Resuscitation</i> , 2021, 158, 175-182.	1.3	18
65	Effect of 3-week high-intensity interval training on VO2max, total haemoglobin mass, plasma and blood volume in well-trained athletes. <i>European Journal of Applied Physiology</i> , 2015, 115, 2349-2356.	1.2	17
66	Effects of a Single Bout of Interval Hypoxia on Cardiorespiratory Control in Patients With Type 1 Diabetes. <i>Diabetes</i> , 2013, 62, 4220-4227.	0.3	15
67	Workload efficiency as a new tool to describe external and internal competitive match load of a professional soccer team: A descriptive study on the relationship between pre&game training loads and relative match load. <i>European Journal of Sport Science</i> , 2020, 20, 1034-1041.	1.4	15
68	Rock Climbing Emergencies in the Austrian Alps: Injury Patterns, Risk Analysis and Preventive Measures. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7596.	1.2	15
69	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.	1.7	15
70	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.	0.9	14
71	Differing Levels of Acute Hypoxia Do Not Influence Maximal Anaerobic Power Capacity. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 78-82.	0.4	14
72	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.	0.2	14

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73	Submaximal exercise testing at low altitude for prediction of exercise tolerance at high altitude. <i>Journal of Travel Medicine</i> , 2018, 25, .	1.4	14
74	Endothelial function and shear stress in hypobaric hypoxia: time course and impact of plasma volume expansion in men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H980-H994.	1.5	14
75	Acetazolamide pre-treatment before ascending to high altitudes: when to start?. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 4378-83.	1.3	14
76	Influence of Acute Normobaric Hypoxia on Hemostasis in Volunteers with and without Acute Mountain Sickness. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	13
77	Effect of weekly hiking on cardiovascular risk factors in the elderly. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2015, 48, 150-153.	0.8	13
78	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
79	Body Water Status and Short-term Maximal Power Output during a Multistage Road Bicycle Race (Giro) Tj ETQq1 1,0,784314 rgBT /Ove	0,8	13
80	Normobaric hypoxia overnight impairs cognitive reaction time. <i>BMC Neuroscience</i> , 2017, 18, 43.	0.8	13
81	Adiponectin, Leptin and Visfatin in Hypoxia and its Effect for Weight Loss in Obesity. <i>Frontiers in Endocrinology</i> , 2018, 9, 615.	1.5	13
82	Suspension syndrome: a potentially fatal vagally mediated circulatory collapse—an experimental randomized crossover trial. <i>European Journal of Applied Physiology</i> , 2019, 119, 1353-1365.	1.2	13
83	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.	0.7	13
84	Impact of a Soccer Game on Cardiac Biomarkers in Adolescent Players. <i>Pediatric Exercise Science</i> , 2018, 30, 90-95.	0.5	12
85	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.	1.2	12
86	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.	1.2	12
87	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.	1.7	11
88	Specific exercise testing in judo athletes. <i>Archives of Budo</i> , 0, 8, 133-139.	0.0	11
89	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. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2149-2156.	1.0	10
90	EFFECTS OF MASSAGE UNDER HYPOXIC CONDITIONS ON EXERCISE-INDUCED MUSCLE DAMAGE AND PHYSICAL STRAIN INDICES IN PROFESSIONAL SOCCER PLAYERS. <i>Biology of Sport</i> , 2013, 30, 81-83.	1.7	10

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91	Effects of a single low-dose acetaminophen on body temperature and running performance in the heat: a pilot project. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2013, 5, 190-3.	0.8	10
92	Effect of acute and chronic xenon inhalation on erythropoietin, hematological parameters, and athletic performance. <i>Journal of Applied Physiology</i> , 2019, 127, 1503-1510.	1.2	9
93	Changes in hydration status of soccer players competing in the 2008 European Championship. <i>Journal of Sports Medicine and Physical Fitness</i> , 2011, 51, 89-94.	0.4	9
94	Physiological basis to climb Mt. Everest in one day. <i>Respiratory Physiology and Neurobiology</i> , 2009, 166, 3.	0.7	8
95	Preexisting Cardiovascular Diseases Among High-Altitude Mountaineers in the Alps: Table 1. <i>Journal of Travel Medicine</i> , 2011, 18, 355-357.	1.4	8
96	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.	0.4	8
97	Physiological Factors Associated With Declining Repeated Sprint Performance in Hypoxia. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 211-216.	1.0	8
98	Salivary pH increases after jump exercises in hypoxia. <i>Science and Sports</i> , 2014, 29, 306-310.	0.2	7
99	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.	0.2	7
100	Safety, hemodynamic effects, and detection of acute xenon inhalation: rationale for banning xenon from sport. <i>Journal of Applied Physiology</i> , 2019, 127, 1511-1518.	1.2	7
101	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.	0.5	7
102	Performance Determinants in Short (68 km) and Long (121 km) Mountain Ultra-Marathon Races. <i>Sportverletzung-Sportschaden</i> , 2020, 34, 79-83.	0.6	7
103	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.	0.7	7
104	High cardiorespiratory fitness is more beneficial in pre-diabetic men than women. <i>Clinics</i> , 2011, 66, 747-751.	0.6	6
105	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. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 120, 445-450.	0.6	6
106	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.	1.0	6
107	Impact of Hyperoxic Preconditioning in Normobaric Hypoxia (3500Åm) on Balance Ability in Highly Skilled Skiers: A Randomized, Crossover Study. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 934-940.	1.1	6
108	Can Hyperoxic Preconditioning in Normobaric Hypoxia (3500Åm) Improve All-Out Exercise Performance in Highly Skilled Skiers? A Randomized Crossover Study. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 346-353.	1.1	6

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109	High-throughput determination of oxygen dissociation curves in a microplate reader—A novel, quantitative approach. <i>Physiological Reports</i> , 2021, 9, e14995.	0.7	6
110	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
111	Influence of structural integration and fascial fitness on body image and the perception of back pain. <i>Journal of Physical Therapy Science</i> , 2017, 29, 1010-1013.	0.2	5
112	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.	0.5	5
113	Effects of Acute Hypoxia on Lactate Thresholds and High-Intensity Endurance Performance—A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7573.	1.2	5
114	Dose- and Sex-Dependent Changes in Hemoglobin Oxygen Affinity by the Micronutrient 5-Hydroxymethylfurfural and $\hat{\pm}$ -Ketoglutaric Acid. <i>Nutrients</i> , 2021, 13, 3448.	1.7	5
115	5-Hydroxymethylfurfural and $\hat{\pm}$ -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.	0.6	5
116	Hypoxic training for football players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 607-607.	1.3	4
117	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.	1.1	4
118	The effect of thermal insulation pads on heat flux, physical effort and perceived exertion during endurance exercise in cool environments. <i>Fashion and Textiles</i> , 2018, 5, .	1.3	4
119	Reply - Letter to the editor - Nutritional interventions to modulate haemoglobin-oxygen affinity in COVID-19 patients. <i>Clinical Nutrition</i> , 2020, 39, 3842.	2.3	4
120	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.	1.2	4
121	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.	1.2	4
122	Plasma volume contraction reduces atrial natriuretic peptide after four days of hypobaric hypoxia exposure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R526-R531.	0.9	4
123	Supplemental O ₂ During Recovery Does Not Improve Repeated Maximal Concentric-Eccentric Strength-Endurance Performance in Hypoxia. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 3065-3073.	1.0	4
124	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.	1.1	4
125	Changes in Factors Regulating Serum Sodium Homeostasis During Two Ultra-Endurance Mountain Races of Different Distances: 69km vs. 121km. <i>Frontiers in Physiology</i> , 2021, 12, 764694.	1.3	4
126	Effects of Carbon Dioxide and Temperature on the Oxygen-Hemoglobin Dissociation Curve of Human Blood: Implications for Avalanche Victims. <i>Frontiers in Medicine</i> , 2021, 8, 808025.	1.2	4

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127	The impact of nebulized Epoprostenol and Iloprost on hemoglobin oxygen affinity - an ex-vivo experiment. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, , .	1.3	4
128	terraXcube: A new hi-tech training facility for EMS teams. <i>Resuscitation</i> , 2018, 130, e79.	1.3	3
129	Venous Pooling in Suspension Syndrome Assessed with Ultrasound. <i>Wilderness and Environmental Medicine</i> , 2020, 31, 204-208.	0.4	3
130	Extreme sports performance for more than a week with severely fractured sleep. <i>Sleep and Breathing</i> , 2021, 25, 951-955.	0.9	3
131	Bioelectrical Impedance Vector Analysis: A Valuable Tool to Monitor Daily Body Hydration Dynamics at Altitude. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5455.	1.2	3
132	The Usefulness Of Bioelectrical Impedance To Monitor The Performance In Professional Soccer Players During A Sport Season. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 851-852.	0.2	3
133	Does Regular Physical Activity Mitigate the Age-Associated Decline in Pulmonary Function?. <i>Sports Medicine</i> , 2022, 52, 963-970.	3.1	3
134	Does Moderate Altitude Affect VO ₂ max in Acclimatized Mountain Guides?. <i>High Altitude Medicine and Biology</i> , 2022, 23, 37-42.	0.5	3
135	Hydrometry, Hydration Status, and Performance. , 2017, , 49-66.		2
136	Does growing up at high altitude pose a risk factor for type 2 diabetes?. <i>AIMS Public Health</i> , 2019, 6, 96-98.	1.1	2
137	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.	1.2	2
138	Real time VO ₂ measurements during soccer match-play. <i>Journal of Sports Medicine and Physical Fitness</i> , 2010, 50, 109-10.	0.4	2
139	Regarding the article of Lang et al. (2016; 219:27-32) entitled, "Blood pressure response to six-minute walk test in hypertensive subjects exposed to high altitude: Effects of antihypertensive combination treatment". <i>International Journal of Cardiology</i> , 2016, 223, 52.	0.8	1
140	Exercise Capacity of Amateur Mountain Runners and Ski Mountaineers. <i>High Altitude Medicine and Biology</i> , 2017, 18, 436-437.	0.5	1
141	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.	0.7	1
142	Body fluid status, plasma volume change and its relationship to physical effort during a multistage professional road cycling race. <i>International Journal of Performance Analysis in Sport</i> , 2018, 18, 679-685.	0.5	1
143	Development of a Self-Administered Questionnaire to Detect Psychosis at High Altitude: The HAPSY Questionnaire. <i>High Altitude Medicine and Biology</i> , 2019, 20, 352-360.	0.5	1
144	5-Hydroxymethylfurfural and Alpha-Ketoglutaric Acid as an Ergogenic Aid During Intensified Soccer Training: A Placebo Controlled Randomized Study. <i>Journal of Dietary Supplements</i> , 2020, 17, 161-172.	1.4	1

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145	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" High Altitude Medicine and Biology, 2020, 21, 423-424.	0.5	1
146	Is splenic contraction more pronounced when exercising in hypoxia than normoxia?. European Journal of Applied Physiology, 2021, 121, 2369-2370.	1.2	1
147	Evaluation of an MR-conditional "cardio stepper" for cardiopulmonary exercise testing. Cardiothoracic and Vascular Sciences, 2017, 1, .	0.0	1
148	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.	0.6	0
149	Provoked periodic breathing in simulated moderate and high altitude in healthy young adults. Sleep Medicine, 2015, 16, S27.	0.8	0
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