

Igor B Mekjavic

List of Publications by Year in descending order

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Version: 2024-02-01

272
papers

5,324
citations

109264

35
h-index

143943

57
g-index

275
all docs

275
docs citations

275
times ranked

4059
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Related Declines in Lower Limb Muscle Function are Similar in Power and Endurance Athletes of Both Sexes: A Longitudinal Study of Master Athletes. <i>Calcified Tissue International</i> , 2022, 110, 196-203.	1.5	4
2	Myths and methodologies: Degrees of freedom – limitations of infrared thermographic screening for Covid-19 and other infections. <i>Experimental Physiology</i> , 2022, 107, 733-742.	0.9	12
3	Predicting Deep Body Temperature (T _b) from Forehead Skin Temperature: T _b or Not T _b ?. <i>Sensors</i> , 2022, 22, 826.	2.1	3
4	Individual Variation Exists Within the Psychological Response to Hypoxic Bed Rest: A Retrospective Analysis. <i>Frontiers in Physiology</i> , 2022, 13, 810055.	1.3	1
5	Effects of vision on energy expenditure and kinematics during level walking. <i>European Journal of Applied Physiology</i> , 2022, 122, 1231-1237.	1.2	4
6	Indicators to assess physiological heat strain – Part 3: Multi-country field evaluation and consensus recommendations. <i>Temperature</i> , 2022, 9, 274-291.	1.6	21
7	Occupational heat strain in outdoor workers: A comprehensive review and meta-analysis. <i>Temperature</i> , 2022, 9, 67-102.	1.6	38
8	Adult Female Sleep During Hypoxic Bed Rest. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
9	Exercise and Interorgan Communication: Short-Term Exercise Training Blunts Differences in Consecutive Daily Urine 1H-NMR Metabolomic Signatures between Physically Active and Inactive Individuals. <i>Metabolites</i> , 2022, 12, 473.	1.3	4
10	Re: –A Photographic Case of Frostbite Treated with Delayed Hyperbaric Oxygen Therapy–by Davis et al.. <i>High Altitude Medicine and Biology</i> , 2022, 23, 198-199.	0.5	0
11	The eye in extreme environments. <i>Experimental Physiology</i> , 2021, 106, 52-64.	0.9	8
12	Do females and males exhibit a similar sarcopenic response as a consequence of normoxic and hypoxic bed rest?. <i>Experimental Physiology</i> , 2021, 106, 37-51.	0.9	8
13	Cooling efficiency of vests with different cooling concepts over 8-hour trials. <i>Ergonomics</i> , 2021, 64, 625-639.	1.1	9
14	In pursuit of the unicorn. <i>Experimental Physiology</i> , 2021, 106, 385-388.	0.9	6
15	Sterilization of polypropylene membranes of facepiece respirators by ionizing radiation. <i>Journal of Membrane Science</i> , 2021, 619, 118756.	4.1	27
16	Size- and Time-Dependent Particle Removal Efficiency of Face Masks and Improvised Respiratory Protection Equipment Used during the COVID-19 Pandemic. <i>Sensors</i> , 2021, 21, 1567.	2.1	7
17	Effect of a Simulated Heat Wave on Physiological Strain and Labour Productivity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3011.	1.2	32
18	Heat Strain with Two Different Ventilation Vests During a Simulated 3-Hour Helicopter Desert Mission. <i>Aerospace Medicine and Human Performance</i> , 2021, 92, 248-256.	0.2	1

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19	Exercise temperature regulation following a 35-day horizontal bedrest. <i>Experimental Physiology</i> , 2021, 106, 1498-1507.	0.9	0
20	Heat acclimation enhances the cold-induced vasodilation response. <i>European Journal of Applied Physiology</i> , 2021, 121, 3005-3015.	1.2	5
21	Substantial and Reproducible Individual Variability in Skeletal Muscle Outcomes in the Cross-Over Designed Planica Bed Rest Program. <i>Frontiers in Physiology</i> , 2021, 12, 676501.	1.3	6
22	Perception of Thermal Comfort during Skin Cooling and Heating. <i>Life</i> , 2021, 11, 681.	1.1	6
23	Heterogeneity of human adaptations to bed rest and hypoxia: a retrospective analysis within the skeletal muscle oxidative function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R813-R822.	0.9	1
24	Intraocular pressure during handgrip exercise: The effect of posture and hypercapnia in young males. <i>Physiological Reports</i> , 2021, 9, e15035.	0.7	2
25	Energy Intake of Men With Excess Weight During Normobaric Hypoxic Confinement. <i>Frontiers in Physiology</i> , 2021, 12, 801833.	1.3	0
26	Heterogeneity of Hematological Response to Hypoxia and Short-Term or Medium-Term Bed Rest. <i>Frontiers in Physiology</i> , 2021, 12, 777611.	1.3	0
27	Finger- and toe-temperature responses to local cooling and rewarming have limited predictive value identifying susceptibility to local cold injury-a cohort study in military cadets. <i>Applied Ergonomics</i> , 2020, 82, 102964.	1.7	3
28	Are five 60-min sessions of isothermic heat acclimation sufficient to elicit beneficial physiological adaptations?. <i>European Journal of Applied Physiology</i> , 2020, 120, 2001-2002.	1.2	5
29	Systems View of Deconditioning During Spaceflight Simulation in the PlanHab Project: The Departure of Urine 1 H-NMR Metabolomes From Healthy State in Young Males Subjected to Bedrest Inactivity and Hypoxia. <i>Frontiers in Physiology</i> , 2020, 11, 532271.	1.3	9
30	Heat acclimation does not modify autonomic responses to core cooling and the skin thermal comfort zone. <i>Journal of Thermal Biology</i> , 2020, 91, 102602.	1.1	1
31	Greater maintenance of bone mineral content in male than female athletes and in sprinting and jumping than endurance athletes: a longitudinal study of bone strength in elite masters athletes. <i>Archives of Osteoporosis</i> , 2020, 15, 87.	1.0	11
32	Seasonal variation of temperature regulation: do thermoregulatory responses "spring" forward and "fall" back?. <i>International Journal of Biometeorology</i> , 2020, 64, 1221-1231.	1.3	6
33	The aetiology of spaceflight-associated neuro-ocular syndrome might be explained by a neural mechanism regulating intraocular pressure. <i>Journal of Physiology</i> , 2020, 598, 1431-1432.	1.3	3
34	Aerobic but not thermoregulatory gains following a 10-day moderate-intensity training protocol are fitness level dependent: A cross-adaptation perspective. <i>Physiological Reports</i> , 2020, 8, e14355.	0.7	8
35	Hypercapnia augments resistive exercise-induced elevations in intraocular pressure in older individuals. <i>Experimental Physiology</i> , 2020, 105, 641-651.	0.9	11
36	The influence of a sustained 10-day hypoxic bed rest on cartilage biomarkers and subchondral bone in females: The FemHab study. <i>Physiological Reports</i> , 2020, 8, e14413.	0.7	8

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37	May the (Gz) force be with you. , 2020, , 30-34.		0
38	Heat acclimation does not affect maximal aerobic power in thermoneutral normoxic or hypoxic conditions. <i>Experimental Physiology</i> , 2019, 104, 345-358.	0.9	19
39	The effect of post-exercise application of either graduated or uniform compression socks on the mitigation of delayed onset muscle soreness. <i>Textile Research Journal</i> , 2019, 89, 1792-1806.	1.1	4
40	The LunHab project: Muscle and bone alterations in male participants following a 10-day lunar habitat simulation. <i>Experimental Physiology</i> , 2019, 104, 1250-1261.	0.9	18
41	The effect of thermal transience on the perception of thermal comfort. <i>Physiology and Behavior</i> , 2019, 210, 112623.	1.0	14
42	Interaction between Indoor Occupational Heat Stress and Environmental Temperature Elevations during Heat Waves. <i>Weather, Climate, and Society</i> , 2019, 11, 755-762.	0.5	23
43	Interactions of mild hypothermia and hypoxia on finger vasoreactivity to local cold stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R418-R431.	0.9	12
44	No ergogenic effects of a 10-day combined heat and hypoxic acclimation on aerobic performance in normoxic thermoneutral or hot conditions. <i>European Journal of Applied Physiology</i> , 2019, 119, 2513-2527.	1.2	11
45	Ski-Everest (8848 m) Expedition: Digit Skin Temperature Responses to Cold Immersion May Reflect Susceptibility to Cold Injury. <i>Wilderness and Environmental Medicine</i> , 2019, 30, 141-149.	0.4	6
46	Muscle Oxygenation During Hypoxic Exercise in Children and Adults. <i>Frontiers in Physiology</i> , 2019, 10, 1385.	1.3	4
47	PlanHab [*] : hypoxia does not worsen the impairment of skeletal muscle oxidative function induced by bed rest alone. <i>Journal of Physiology</i> , 2018, 596, 3341-3355.	1.3	36
48	Cold Susceptibility of Digit Stumps Resulting from Amputation After Freezing Cold Injury in Elite Alpinists. <i>High Altitude Medicine and Biology</i> , 2018, 19, 185-192.	0.5	9
49	PlanHab Study: Consequences of combined normobaric hypoxia and bed rest on adenosine kinetics. <i>Scientific Reports</i> , 2018, 8, 1762.	1.6	13
50	The effect of hot days on occupational heat stress in the manufacturing industry: implications for workers' well-being and productivity. <i>International Journal of Biometeorology</i> , 2018, 62, 1251-1264.	1.3	42
51	Systemic Hypoxia Increases the Expression of DPP4 in Preadipocytes of Healthy Human Participants. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2018, 126, 91-95.	0.6	2
52	KoroÅjka 8000 Himalayan expedition: digit responses to cold stress following ascent to Broadpeak (Pakistan, 8051m). <i>European Journal of Applied Physiology</i> , 2018, 118, 1589-1597.	1.2	4
53	MEF2 as upstream regulator of the transcriptome signature in human skeletal muscle during unloading. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R799-R809.	0.9	19
54	Hypoxia Exacerbates Negative Emotional State during Inactivity: The Effect of 21 Days Hypoxic Bed Rest and Confinement. <i>Frontiers in Physiology</i> , 2018, 9, 26.	1.3	18

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55	The Effect of Bed Rest and Hypoxic Environment on Postural Balance and Trunk Automatic (Re)Actions in Young Healthy Males. <i>Frontiers in Physiology</i> , 2018, 9, 27.	1.3	12
56	Intestinal Metagenomes and Metabolomes in Healthy Young Males: Inactivity and Hypoxia Generated Negative Physiological Symptoms Precede Microbial Dysbiosis. <i>Frontiers in Physiology</i> , 2018, 9, 198.	1.3	25
57	Hypoxia Aggravates Inactivity-Related Muscle Wasting. <i>Frontiers in Physiology</i> , 2018, 9, 494.	1.3	32
58	Hypoxia Worsens Affective Responses and Feeling of Fatigue During Prolonged Bed Rest. <i>Frontiers in Psychology</i> , 2018, 9, 362.	1.1	7
59	Exercise cardiorespiratory and thermoregulatory responses in normoxic, hypoxic, and hot environment following 10-day continuous hypoxic exposure. <i>Journal of Applied Physiology</i> , 2018, 125, 1284-1295.	1.2	13
60	Letter to the Editor: Combined effects of hypoxia and heat: importance of hypoxic dose. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R228-R229.	0.9	5
61	Indices of Increased Decompression Stress Following Long-Term Bed Rest. <i>Frontiers in Physiology</i> , 2018, 9, 442.	1.3	4
62	Effects of Hypoxia and Bed Rest on Markers of Cardiometabolic Risk: Compensatory Changes in Circulating TRAIL and Glutathione Redox Capacity. <i>Frontiers in Physiology</i> , 2018, 9, 1000.	1.3	11
63	Diurnal Variation in the Core Interthreshold Zone in Women and its Sex Difference. <i>International Physiology Journal</i> , 2018, , 26-37.	0.3	2
64	A 10-day confinement to normobaric hypoxia impairs toe, but not finger temperature response during local cold stress. <i>Journal of Thermal Biology</i> , 2017, 64, 109-115.	1.1	7
65	PlanHab study: assessment of psycho-neuroendocrine function in male subjects during 21 days of normobaric hypoxia and bed rest. <i>Stress</i> , 2017, 20, 131-139.	0.8	14
66	LunHab: interactive effects of a 10 day sustained exposure to hypoxia and bedrest on aerobic exercise capacity in male lowlanders. <i>Experimental Physiology</i> , 2017, 102, 694-710.	0.9	5
67	No association between hand and foot temperature responses during local cold stress and rewarming. <i>European Journal of Applied Physiology</i> , 2017, 117, 1141-1153.	1.2	14
68	Cardiorespiratory Responses of Adults and Children during Normoxic and Hypoxic Exercise. <i>International Journal of Sports Medicine</i> , 2017, 38, 627-636.	0.8	4
69	The effect of a Live-high Train-high exercise regimen on behavioural temperature regulation. <i>European Journal of Applied Physiology</i> , 2017, 117, 255-265.	1.2	0
70	Thermal comfort zone of the hands, feet and head in males and females. <i>Physiology and Behavior</i> , 2017, 179, 427-433.	1.0	14
71	Sleep, exercise and hypoxia: How an altitude deployment creates unexpected risks. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S44-S45.	0.6	0
72	Diurnal variation in the core interthreshold zone and its relation to cutaneous sensation threshold zone. <i>Journal of Physiological Anthropology</i> , 2017, 36, 27.	1.0	0

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73	Hypoxia and Inactivity Related Physiological Changes (Constipation, Inflammation) Are Not Reflected at the Level of Gut Metabolites and Butyrate Producing Microbial Community: The PlanHab Study. <i>Frontiers in Physiology</i> , 2017, 8, 250.	1.3	32
74	Bed Rest and Hypoxic Exposure Affect Sleep Architecture and Breathing Stability. <i>Frontiers in Physiology</i> , 2017, 8, 410.	1.3	15
75	The Effect of Low Ambient Relative Humidity on Physical Performance and Perceptual Responses during Load Carriage. <i>Frontiers in Physiology</i> , 2017, 8, 451.	1.3	14
76	Hypoxia and inactivity related physiological changes precede or take place in absence of significant rearrangements in bacterial community structure: The PlanHab randomized trial pilot study. <i>PLoS ONE</i> , 2017, 12, e0188556.	1.1	20
77	Separate and Combined Effects of Hypoxia and Horizontal Bed Rest on Retinal Blood Vessel Diameters. , 2016, 57, 4927.		12
78	Exercise during Short-Term and Long-Term Continuous Exposure to Hypoxia Exacerbates Sleep-Related Periodic Breathing. <i>Sleep</i> , 2016, 39, 773-783.	0.6	9
79	The Effect of Normobaric Hypoxic Confinement on Metabolism, Gut Hormones, and Body Composition. <i>Frontiers in Physiology</i> , 2016, 7, 202.	1.3	30
80	Melatonin-Induced Nocturnal Vasodilatation Contributes to Skin Regeneration. <i>JAMA Pediatrics</i> , 2016, 170, 621.	3.3	0
81	Effects of prolonged hypoxia and bed rest on appetite and appetite-related hormones. <i>Appetite</i> , 2016, 107, 28-37.	1.8	34
82	PlanHab: Hypoxia counteracts the erythropoietin suppression, but seems to exaggerate the plasma volume reduction induced by 3 weeks of bed rest. <i>Physiological Reports</i> , 2016, 4, e12760.	0.7	13
83	Effect of exercise on night periodic breathing and loop gain during hypoxic confinement. <i>Respirology</i> , 2016, 21, 746-753.	1.3	3
84	Separate and combined effects of a 10-d exposure to hypoxia and inactivity on oxidative function in vivo and mitochondrial respiration ex vivo in humans. <i>Journal of Applied Physiology</i> , 2016, 121, 154-163.	1.2	37
85	PlanHab: the combined and separate effects of 16 days of bed rest and normobaric hypoxic confinement on circulating lipids and indices of insulin sensitivity in healthy men. <i>Journal of Applied Physiology</i> , 2016, 120, 947-955.	1.2	27
86	PlanHab (Planetary Habitat Simulation): the combined and separate effects of 21 days bed rest and hypoxic confinement on human skeletal muscle miRNA expression. <i>Physiological Reports</i> , 2016, 4, e12753.	0.7	31
87	Effect of acute hypercapnia during 10-day hypoxic bed rest on posterior eye structures. <i>Journal of Applied Physiology</i> , 2016, 120, 1241-1248.	1.2	14
88	Regional thermal comfort zone in males and females. <i>Physiology and Behavior</i> , 2016, 161, 123-129.	1.0	24
89	FemHab: The effects of bed rest and hypoxia on oxidative stress in healthy women. <i>Journal of Applied Physiology</i> , 2016, 120, 930-938.	1.2	17
90	PlanHab: hypoxia exaggerates the bed-rest-induced reduction in peak oxygen uptake during upright cycle ergometry. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H453-H464.	1.5	19

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91	On the combined effects of normobaric hypoxia and bed rest upon bone and mineral metabolism: Results from the PlanHab study. <i>Bone</i> , 2016, 91, 130-138. Commentaries on Viewpoint: Standardization of bed rest studies in the spaceflight context	1.4	33
92	Commentaries on Viewpoint: Standardization of bed rest studies in the spaceflight context	1.2	0
93	Commentaries on Viewpoint: Standardization of bed rest studies in the spaceflight context. Journal of Applied Physiology, 2016, 121, 350-351. Pressure distension in leg vessels as influenced by prolonged bed rest and a pressure habituation regimen. <i>Journal of Applied Physiology</i> , 2016, 120, 1458-1465.	1.2	4
94	Severe hypoxia during incremental exercise to exhaustion provokes negative post-exercise affects. <i>Physiology and Behavior</i> , 2016, 156, 171-176.	1.0	9
95	Strategies for increasing evaporative cooling during simulated desert patrol mission. <i>Ergonomics</i> , 2016, 59, 298-309.	1.1	16
96	Properties of laminated silica aerogel fibrous matting composites for footwear applications. <i>Textile Reseach Journal</i> , 2016, 86, 1063-1073.	1.1	16
97	Response to the letter to the editor by Kristensen <scp>MM</scp>, Helge <scp>JW</scp> and Dela F. <i>Acta Physiologica</i> , 2015, 215, 76-78.	1.8	0
98	Effect of flexing deformations on functional properties of laminated silica aerogel fibrous matting composites for footwear applications. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
99	KoroÅjka 8000: digit responses to cold stress following himalayan expedition to broadpeak, Pakistan (8051 m). <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
100	Peripheral perfusion and acute mountain sickness: is there a link?. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
101	The effect of a live-high/train-high regimen on emotional state. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
102	Hand temperature responses to local cooling after a 10a€day confinement to normobaric hypoxia with and without exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 650-660.	1.3	21
103	The Effect Of A Live-high Train-high Regimen On Emotional State. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 608.	0.2	0
104	Assessing Objective Measures of Sleep Quality in Hypoxia Research. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1545.	0.2	0
105	Prolonged Exposure to Hypoxia and Microgravity. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 220.	0.2	2
106	eAMI: A Qualitative Quantification of Periodic Breathing Based on Amplitude of Oscillations. <i>Sleep</i> , 2015, 38, 381-389.	0.6	5
107	Effects of normobaric hypoxic bed rest on the thermal comfort zone. <i>Journal of Thermal Biology</i> , 2015, 49-50, 39-46.	1.1	17
108	Commentaries on Viewpoint: The ongoing need for good physiological investigation: Obstructive sleep apnea in HIV patients as a paradigm. <i>Journal of Applied Physiology</i> , 2015, 118, 247-250.	1.2	2

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109	Psychological strain: Examining the effect of hypoxic bedrest and confinement. <i>Physiology and Behavior</i> , 2015, 139, 497-504.	1.0	16
110	Finger and Toe Temperature Responses to Cold After Freezing Cold Injury in Elite Alpinists. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 295-304.	0.4	15
111	Effects of Two Short-Term, Intermittent Hypoxic Training Protocols on the Finger Temperature Response to Local Cold Stress. <i>High Altitude Medicine and Biology</i> , 2015, 16, 251-260.	0.5	5
112	Exercise Training during Normobaric Hypoxic Confinement Does Not Alter Hormonal Appetite Regulation. <i>PLoS ONE</i> , 2014, 9, e98874.	1.1	31
113	Effects of Hypoxia and Microgravity on Mitochondrial Respiration and Skeletal Muscle Oxidative Function.. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 297-298.	0.2	0
114	Acute Effects of Normobaric Hypoxia on Hand-Temperature Responses During and After Local Cold Stress. <i>High Altitude Medicine and Biology</i> , 2014, 15, 183-191.	0.5	29
115	Mount Everest and Makalu Cold Injury Amputation: 40 Years On. <i>High Altitude Medicine and Biology</i> , 2014, 15, 78-83.	0.5	9
116	Whole body and regional body composition changes following 10-day hypoxic confinement and unloadingâ€“inactivity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 386-395.	0.9	22
117	Prolonged physical inactivity leads to a drop in toe skin temperature during local cold stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 369-374.	0.9	7
118	Separate and combined effects of 21-day bed rest and hypoxic confinement on body composition. <i>European Journal of Applied Physiology</i> , 2014, 114, 2411-2425.	1.2	37
119	Moderate Exercise Blunts Oxidative Stress Induced by Normobaric Hypoxic Confinement. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 33-41.	0.2	37
120	Expression changes in human skeletal muscle mi<scp>RNA</scp>s following 10 days of bed rest in young healthy males. <i>Acta Physiologica</i> , 2014, 210, 655-666.	1.8	38
121	Blood pressure regulation V: in vivo mechanical properties of precapillary vessels as affected by long-term pressure loading and unloading. <i>European Journal of Applied Physiology</i> , 2014, 114, 499-509.	1.2	14
122	The separate and combined effects of hypoxia and sustained recumbency/inactivity on sleep architecture. <i>European Journal of Applied Physiology</i> , 2014, 114, 1973-1981.	1.2	17
123	Circadian rhythm of peripheral perfusion during 10-day hypoxic confinement and bed rest. <i>European Journal of Applied Physiology</i> , 2014, 114, 2093-2104.	1.2	20
124	The core interthreshold zone during exposure to red and blue light. <i>Journal of Physiological Anthropology</i> , 2013, 32, 6.	1.0	6
125	Habituation of the metabolic and ventilatory responses to cold-water immersion in humans. <i>Journal of Thermal Biology</i> , 2013, 38, 24-31.	1.1	35
126	Effects of Prolonged Immobilization on Sequential Changes in Mineral and Bone Disease Parameters. <i>American Journal of Kidney Diseases</i> , 2013, 61, 845-847.	2.1	9

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127	Forearm finger skin temperature gradient as an index of cutaneous perfusion during steady-state exercise. <i>Clinical Physiology and Functional Imaging</i> , 2013, 33, 400-404.	0.5	26
128	Effects of physical fitness on relaxed G-tolerance and the exercise pressor response. <i>European Journal of Applied Physiology</i> , 2013, 113, 2749-2759.	1.2	15
129	Peak oxygen uptake and regional oxygenation in response to a 10-day confinement to normobaric hypoxia. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e233-45.	1.3	7
130	Cold-induced vasodilatation response in the fingers at 4 different water temperatures. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 14-20.	0.9	18
131	New Onset of Constipation during Long-Term Physical Inactivity: A Proof-of-Concept Study on the Immobility-Induced Bowel Changes. <i>PLoS ONE</i> , 2013, 8, e72608.	1.1	64
132	A System for Model-Based Quality Assessment of Burn-Protective Garments. <i>Advances in Industrial Control</i> , 2013, , 257-285.	0.4	1
133	Local Intravascular Pressure Habituation in Relation to G-Induced Arm Pain. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 667-672.	0.6	2
134	Intermittent Normobaric Hypoxic Exposures at Rest: Effects on Performance in Normoxia and Hypoxia. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 942-950.	0.6	11
135	Heat Production and Heat Loss Responses to Cold Water Immersion After 35 Days Horizontal Bed Rest. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 472-476.	0.6	8
136	G tolerance vis-à-vis pressure-distension and pressure-flow relationships of leg arteries. <i>European Journal of Applied Physiology</i> , 2012, 112, 3619-3627.	1.2	20
137	Exercise thermoregulatory responses following a 28-day sleep-high train-low regimen. <i>European Journal of Applied Physiology</i> , 2012, 112, 3881-3891.	1.2	6
138	Prevailing evidence contradicts the notion of a "normobaric oxygen paradox". <i>European Journal of Applied Physiology</i> , 2012, 112, 4177-4178.	1.2	0
139	The Effect of a Sleep High Train Low Regimen on the Finger Cold-Induced Vasodilation Response. <i>High Altitude Medicine and Biology</i> , 2012, 13, 32-39.	0.5	12
140	Heterogeneous sensitivity of cerebral and muscle tissues to acute normobaric hyperoxia at rest. <i>Microvascular Research</i> , 2012, 84, 205-210.	1.1	3
141	Reliability of the method of levels for determining cutaneous temperature sensitivity. <i>International Journal of Biometeorology</i> , 2012, 56, 811-821.	1.3	5
142	Effects of motion sickness on thermoregulatory responses in a thermoneutral air environment. <i>European Journal of Applied Physiology</i> , 2012, 112, 1717-1723.	1.2	39
143	Inert gas narcosis has no influence on thermo-tactile sensation. <i>European Journal of Applied Physiology</i> , 2012, 112, 1929-1935.	1.2	2
144	Validation of the Fiala multi-node thermophysiological model for UTCI application. <i>International Journal of Biometeorology</i> , 2012, 56, 443-460.	1.3	123

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145	Carbon monoxide exposure during exercise performance: muscle and cerebral oxygenation. <i>Acta Physiologica</i> , 2012, 204, 544-554.	1.8	13
146	Short intermittent hypoxic exposures augment ventilation but do not alter regional cerebral and muscle oxygenation during hypoxic exercise. <i>Respiratory Physiology and Neurobiology</i> , 2012, 181, 132-142.	0.7	14
147	Long-term intermittent hyperoxic exposures do not enhance erythropoiesis. <i>European Journal of Clinical Investigation</i> , 2012, 42, 260-265.	1.7	6
148	Acute short-term hyperoxia followed by mild hypoxia does not increase EPO production: resolving the "normobaric oxygen paradox". <i>European Journal of Applied Physiology</i> , 2012, 112, 1059-1065.	1.2	13
149	Psychomotor function during mild narcosis induced by subanesthetic level of nitrous oxide: individual susceptibility beyond gender effect. <i>Undersea and Hyperbaric Medicine</i> , 2012, 39, 1067-74.	0.1	4
150	No Evidence For The "Normobaric Oxygen Paradox". <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 151.	0.2	0
151	The Effect of Season and Light Intensity on the Core Interthreshold Zone. <i>Journal of Physiological Anthropology</i> , 2011, 30, 161-167.	1.0	7
152	Acute normobaric hyperoxia transiently attenuates plasma erythropoietin concentration in healthy males: evidence against the "normobaric oxygen paradox"™ theory. <i>Acta Physiologica</i> , 2011, 202, 91-98.	1.8	17
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