Vladimir N Melnikov

List of Publications by Year
in descending order

25	115	1307594 7	1372567 10
papers	citations	h-index	g-index

25	25	25	146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiorespiratory Coordination in Hypercapnic Test Before and After High-Altitude Expedition. Frontiers in Physiology, 2021, 12, 673570.	2.8	2
2	Association of Circulating Extracellular Matrix Components with Central Hemodynamics and Arterial Distensibility of Peripheral Arteries. Journal of Vascular Research, 2021, 58, 1-9.	1.4	0
3	Microelement composition of serum in Dolgans, indigenous inhabitants of the Russian Arctic, in the conditions of industrial development of territories. International Journal of Circumpolar Health, 2020, 79, 1764304.	1.2	4
4	Effect of Acute Hypoxia on Cardiorespiratory Coherence in Male Runners. Frontiers in Physiology, 2020, 11, 630.	2.8	15
5	A quantitative method for estimating the adaptedness in a physiological study. Theoretical Biology and Medical Modelling, 2019, 16, 15.	2.1	3
6	Response of Aortic and Peripheral Hemodynamics and Arterial Elasticity to Acute Normobaric Hypoxia in Alpinists before and after a Prolonged Stay in Mountains. Human Physiology, 2019, 45, 673-678.	0.4	0
7	Associations of Del 301-303 alpha2B-adrenoceptor gene polymorphism with central hemodynamic parameters in the northern Russian population. Physiological Genomics, 2018, 50, 100-101.	2.3	0
8	Baseline Values of Cardiovascular and Respiratory Parameters Predict Response to Acute Hypoxia in Young Healthy Men. Physiological Research, 2017, 66, 467-479.	0.9	21
9	METEOROLOGICAL EFFECTS ON DAILY BIRTH FREQUENCY AND GESTATIONAL LENGTH IN BARNAUL, SOUTH-ÂWEST SIBERIA. Ekologiya Cheloveka (Human Ecology), 2017, , 59-64.	0.7	1
10	Structuralâ€“functional characteristics of brachiocephalic vessels in hypertensive patients under changed atmospheric pressure. Human Physiology, 2016, 42, 799-802.	0.4	1
11	Central hemodynamics and arterial stiffness in adult humans depend on the conditions of early development in the Northern Kola Peninsula. Human Physiology, 2016, 42, 150-155.	0.4	3
12	Arctic medicine in the 21st century. Herald of the Russian Academy of Sciences, 2015, 85, 287-291.	0.6	1
13	Seasonal inconstancy of human sex ratio at birth. Early Human Development, 2015, 91, 817-821.	1.8	8
14	Patient-specific 1D model of the human cardiovascular system. , 2015, , .		1
15	Comparative analysis of gas exchange and cardiorespiratory system responses of swimmers and skiers to increasing normobaric hypoxia and physical load. Human Physiology, 2013, 39, 98-105.	0.4	7
16	Limb muscle hemodynamics and arterial distensibility depend on atmospheric pressure in hypertensive men. Biomedical and Environmental Sciences, 2013, 26, 284-94.	0.2	4
17	Reduced Solar Activity Favors Twin Maternities. Twin Research and Human Genetics, 2012, 15, 133-137.	0.6	2
18	Heliogeophysical correlates of early biodemographic variables in the South of Western Siberia. Biophysics (Russian Federation), 2012, 57, 382-386.	0.7	1

#	Article	IF	Citations
19	Saturation of the arterial blood hemoglobin with oxygen (SaO2) in response to breathing a hypoxic mixture. Human Physiology, 2011, 37, 324-328.	0.4	8
20	Heliogeophysical factors at time of death determine lifespan for people who die of cardiovascular diseases. Advances in Space Research, 2010, 46, 787-796.	2.6	2
21	The current state of birth outcome and birth defect surveillance in northern regions of the world. International Journal of Circumpolar Health, 2009, 68, 443-458.	1.2	4
22	Month of Birth Predicts Lung Cancer Mortality in Siberia. Epidemiology, 2004, 15, 645-646.	2.7	6
23	Seasonality of live birth sex ratio in south western Siberia, Russia, 1959-2001. Journal of Epidemiology and Community Health, 2003, 57, 471-472.	3.7	14
24	Life span of people who died from cardiovascular diseases in Siberia: a comparative study of two populations. International Journal of Circumpolar Health, 2003, 62, 296-307.	1.2	7
25	Effect of experimental modification of the glucocorticoid rhythm on circadian fluctuations of glucose tolerance in rats. Bulletin of Experimental Biology and Medicine, 1983, 96, 1627-1630.	0.8	0