

# Vladimir N Melnikov

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

115  
citations

1307594

7  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline Values of Cardiovascular and Respiratory Parameters Predict Response to Acute Hypoxia in Young Healthy Men. <i>Physiological Research</i> , 2017, 66, 467-479.	0.9	21
2	Effect of Acute Hypoxia on Cardiorespiratory Coherence in Male Runners. <i>Frontiers in Physiology</i> , 2020, 11, 630.	2.8	15
3	Seasonality of live birth sex ratio in south western Siberia, Russia, 1959-2001. <i>Journal of Epidemiology and Community Health</i> , 2003, 57, 471-472.	3.7	14
4	Saturation of the arterial blood hemoglobin with oxygen (SaO <sub>2</sub> ) in response to breathing a hypoxic mixture. <i>Human Physiology</i> , 2011, 37, 324-328.	0.4	8
5	Seasonal inconstancy of human sex ratio at birth. <i>Early Human Development</i> , 2015, 91, 817-821.	1.8	8
6	Life span of people who died from cardiovascular diseases in Siberia: a comparative study of two populations. <i>International Journal of Circumpolar Health</i> , 2003, 62, 296-307.	1.2	7
7	Comparative analysis of gas exchange and cardiorespiratory system responses of swimmers and skiers to increasing normobaric hypoxia and physical load. <i>Human Physiology</i> , 2013, 39, 98-105.	0.4	7
8	Month of Birth Predicts Lung Cancer Mortality in Siberia. <i>Epidemiology</i> , 2004, 15, 645-646.	2.7	6
9	The current state of birth outcome and birth defect surveillance in northern regions of the world. <i>International Journal of Circumpolar Health</i> , 2009, 68, 443-458.	1.2	4
10	Microelement composition of serum in Dolgans, indigenous inhabitants of the Russian Arctic, in the conditions of industrial development of territories. <i>International Journal of Circumpolar Health</i> , 2020, 79, 1764304.	1.2	4
11	Limb muscle hemodynamics and arterial distensibility depend on atmospheric pressure in hypertensive men. <i>Biomedical and Environmental Sciences</i> , 2013, 26, 284-94.	0.2	4
12	Central hemodynamics and arterial stiffness in adult humans depend on the conditions of early development in the Northern Kola Peninsula. <i>Human Physiology</i> , 2016, 42, 150-155.	0.4	3
13	A quantitative method for estimating the adaptedness in a physiological study. <i>Theoretical Biology and Medical Modelling</i> , 2019, 16, 15.	2.1	3
14	Heliogeophysical factors at time of death determine lifespan for people who die of cardiovascular diseases. <i>Advances in Space Research</i> , 2010, 46, 787-796.	2.6	2
15	Reduced Solar Activity Favors Twin Maternities. <i>Twin Research and Human Genetics</i> , 2012, 15, 133-137.	0.6	2
16	Cardiorespiratory Coordination in Hypercapnic Test Before and After High-Altitude Expedition. <i>Frontiers in Physiology</i> , 2021, 12, 673570.	2.8	2
17	Heliogeophysical correlates of early biodemographic variables in the South of Western Siberia. <i>Biophysics (Russian Federation)</i> , 2012, 57, 382-386.	0.7	1
18	Arctic medicine in the 21st century. <i>Herald of the Russian Academy of Sciences</i> , 2015, 85, 287-291.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Patient-specific 1D model of the human cardiovascular system. , 2015, , .		1
20	Structuralâ€functional characteristics of brachiocephalic vessels in hypertensive patients under changed atmospheric pressure. Human Physiology, 2016, 42, 799-802.	0.4	1
21	METEOROLOGICAL EFFECTS ON DAILY BIRTH FREQUENCY AND GESTATIONAL LENGTH IN BARNAUL, SOUTH-ÂWEST SIBERIA. Ekologiya Cheloveka (Human Ecology), 2017, , 59-64.	0.7	1
22	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
23	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
24	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
25	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