

Ilya Rukavishnikov

List of Publications by Citations

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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.

15 papers	283 citations	6 h-index	16 g-index
17 ext. papers	421 ext. citations	4.5 avg, IF	3.17 L-index

#	Paper	IF	Citations
15	Dry Immersion as a Ground-Based Model of Microgravity Physiological Effects. <i>Frontiers in Physiology</i> , 2019 , 10, 284	4.6	74
14	Cortical reorganization in an astronaut's brain after long-duration spaceflight. <i>Brain Structure and Function</i> , 2016 , 221, 2873-6	4	66
13	Brain ventricular volume changes induced by long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10531-10536	11.5	58
12	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. <i>Frontiers in Physiology</i> , 2019 , 10, 761	4.6	33
11	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. <i>Science Advances</i> , 2020 , 6,	14.3	24
10	Effects of gravitational unloading on back muscles tone. <i>Human Physiology</i> , 2017 , 43, 291-300	0.3	7
9	Sharp Changes in Muscle Tone in Humans Under Simulated Microgravity. <i>Frontiers in Physiology</i> , 2021 , 12, 661922	4.6	5
8	Foot-ground reaction force during long-term space flight and after it: walking in active treadmill mode. <i>Gait and Posture</i> , 2020 , 76, 382-388	2.6	4
7	The First Female Dry Immersion (NAIAD-2020): Design and Specifics of a 3-Day Study. <i>Frontiers in Physiology</i> , 2021 , 12, 661959	4.6	4
6	Comparative Study of the Lower Limb Muscle Tone under the Conditions of Five-day Support Unloading Coupled with Different Regimens of Electromyostimulation. <i>Human Physiology</i> , 2020 , 46, 391-400	0.3	3
5	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight.. <i>Frontiers in Neural Circuits</i> , 2022 , 16, 815838	3.5	2
4	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2120439119	11.5	2
3	21-Day Dry Immersion: Schedule of Investigations and Major Results. <i>Human Physiology</i> , 2021 , 47, 735-743	3.3	1
2	Sleep in 21-Day Dry Immersion. Are Cardiovascular Adjustments Rapid Eye Movement Sleep-Dependent?. <i>Frontiers in Physiology</i> , 2021 , 12, 749773	4.6	0
1	Characteristics of blood proteome changes in hemorrhagic syndrome after head-up tilt test during 21-day Dry Immersion. <i>Acta Astronautica</i> , 2021 , 189, 158-165	2.9	