Alexander C Stahn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4325509/publications.pdf

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30	553	623734 14	713466 21
papers	citations	h-index	g-index

30	30	30	615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increased core body temperature in astronauts during long-duration space missions. Scientific Reports, 2017, 7, 16180.	3.3	68
2	Brain Changes in Response to Long Antarctic Expeditions. New England Journal of Medicine, 2019, 381, 2273-2275.	27.0	63
3	Circadian rhythms in bed rest: Monitoring core body temperature via heat-flux approach is superior to skin surface temperature. Chronobiology International, 2017, 34, 666-676.	2.0	40
4	Sleep Quality Changes during Overwintering at the German Antarctic Stations Neumayer II and III: The Gender Factor. PLoS ONE, 2016, 11, e0150099.	2.5	32
5	COVID-19â€"The largest isolation study in history: the value of shared learnings from spaceflight analogs. Npj Microgravity, 2020, 6, 32.	3.7	30
6	Modeling upper and lower limb muscle volume by bioelectrical impedance analysis. Journal of Applied Physiology, 2007, 103, 1428-1435.	2.5	26
7	High-Intensity Exercise Mitigates Cardiovascular Deconditioning During Long-Duration Bed Rest. Frontiers in Physiology, 2018, 9, 1553.	2.8	26
8	Regular exercise counteracts circadian shifts in core body temperature during long-duration bed rest. Npj Microgravity, 2021, 7, 1.	3.7	26
9	Use of Bioelectrical Impedance: General Principles and Overview. , 2012, , 49-90.		22
10	Continuous and Intermittent Artificial Gravity as a Countermeasure to the Cognitive Effects of 60 Days of Head-Down Tilt Bed Rest. Frontiers in Physiology, 2021, 12, 643854.	2.8	21
11	skew2pdot{V}{m O}_{2 {m max}} prediction from multi-frequency bioelectrical impedance analysis. Physiological Measurement, 2008, 29, 193-203.	2.1	20
12	Towards understanding the effects of spaceflight on the brain. Lancet Neurology, The, 2020, 19, 808.	10.2	20
13	Exercise-induced changes in brain activity during memory encoding and retrieval after long-term bed rest. NeuroImage, 2020, 223, 117359.	4.2	19
14	Brains in space: the importance of understanding the impact of long-duration spaceflight on spatial cognition and its neural circuitry. Cognitive Processing, 2021, 22, 105-114.	1.4	19
15	Recommendations for assessing motor performance in individuals with dementia: suggestions of an expert panel â€“ a qualitative approach. European Review of Aging and Physical Activity, 2019, 16, 5.	2.9	16
16	Effects of head-down tilt bed rest plus elevated CO₂ on cognitive performance. Journal of Applied Physiology, 2021, 130, 1235-1246.	2.5	15
17	Electrocortical Evidence for Impaired Affective Picture Processing after Long-Term Immobilization. Scientific Reports, 2019, 9, 16610.	3.3	13
18	Estimation of maximal oxygen uptake by bioelectrical impedance analysis. European Journal of Applied Physiology, 2006, 96, 265-273.	2.5	11

#	Article	IF	Citations
19	Changes of 25-OH-Vitamin D during Overwintering at the German Antarctic Stations Neumayer II and III. PLoS ONE, 2015, 10, e0144130.	2.5	10
20	Effects of two months of bed rest and antioxidant supplementation on attentional processing. Cortex, 2021, 141, 81-93.	2.4	10
21	Head-Down Tilt Position, but Not the Duration of Bed Rest Affects Resting State Electrocortical Activity. Frontiers in Physiology, 2021, 12, 638669.	2.8	9
22	Extreme environments for understanding brain and cognition. Trends in Cognitive Sciences, 2021, , .	7.8	8
23	Combined protein and calcium Î²-hydroxy-Î²-methylbutyrate induced gains in leg fat free mass: a double-blinded, placebo-controlled study. Journal of the International Society of Sports Nutrition, 2020, 17, 16.	3.9	6
24	Dynamic ensemble prediction of cognitive performance in spaceflight. Scientific Reports, 2022, 12, .	3.3	6
25	Long-Term Bed Rest Delays the Circadian Phase of Core Body Temperature. Frontiers in Physiology, 2021, 12, 658707.	2.8	5
26	Impaired Attentional Processing During Parabolic Flight. Frontiers in Physiology, 2021, 12, 675426.	2.8	5
27	Selected Applications of Bioelectrical Impedance Analysis: Body Fluids, Blood Volume, Body Cell Mass and Fat Mass. , 2012, , 415-440.		4
28	Reduced vagal modulations of heart rate during overwintering in Antarctica. Scientific Reports, 2020, 10, 21810.	3.3	2
29	Limb Skin Temperature as a Tool to Predict Orthostatic Instability. Frontiers in Physiology, 2018, 9, 1241.	2.8	1
30	DNA Damage and Radiosensitivity in Blood Cells from Subjects Undergoing 45 Days of Isolation and Confinement: An Explorative Study. Current Issues in Molecular Biology, 2022, 44, 654-669.	2.4	0