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	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
2	Dynamic ensemble prediction of cognitive performance in spaceflight. Scientific Reports, 2022, 12, .	3.3	6
3	Regular exercise counteracts circadian shifts in core body temperature during long-duration bed rest. Npj Microgravity, 2021, 7, 1.	3.7	26
4	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
5	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
6	Effects of head-down tilt bed rest plus elevated CO₂ on cognitive performance. Journal of Applied Physiology, 2021, 130, 1235-1246.	2.5	15
7	Long-Term Bed Rest Delays the Circadian Phase of Core Body Temperature. Frontiers in Physiology, 2021, 12, 658707.	2.8	5
8	Impaired Attentional Processing During Parabolic Flight. Frontiers in Physiology, 2021, 12, 675426.	2.8	5
9	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
10	Effects of two months of bed rest and antioxidant supplementation on attentional processing. Cortex, 2021, 141, 81-93.	2.4	10
11	Extreme environments for understanding brain and cognition. Trends in Cognitive Sciences, 2021, , .	7.8	8
12	Exercise-induced changes in brain activity during memory encoding and retrieval after long-term bed rest. NeuroImage, 2020, 223, 117359.	4.2	19
13	COVID-19â€"The largest isolation study in history: the value of shared learnings from spaceflight analogs. Npj Microgravity, 2020, 6, 32.	3.7	30
14	Towards understanding the effects of spaceflight on the brain. Lancet Neurology, The, 2020, 19, 808.	10.2	20
15	Reduced vagal modulations of heart rate during overwintering in Antarctica. Scientific Reports, 2020, 10, 21810.	3.3	2
16	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
17	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
18	Electrocortical Evidence for Impaired Affective Picture Processing after Long-Term Immobilization. Scientific Reports, 2019, 9, 16610.	3.3	13

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19	Brain Changes in Response to Long Antarctic Expeditions. New England Journal of Medicine, 2019, 381, 2273-2275.	27.0	63
20	High-Intensity Exercise Mitigates Cardiovascular Deconditioning During Long-Duration Bed Rest. Frontiers in Physiology, 2018, 9, 1553.	2.8	26
21	Limb Skin Temperature as a Tool to Predict Orthostatic Instability. Frontiers in Physiology, 2018, 9, 1241.	2.8	1
22	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
23	Increased core body temperature in astronauts during long-duration space missions. Scientific Reports, 2017, 7, 16180.	3.3	68
24	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
25	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
26	Use of Bioelectrical Impedance: General Principles and Overview. , 2012, , 49-90.		22
27	Selected Applications of Bioelectrical Impedance Analysis: Body Fluids, Blood Volume, Body Cell Mass and Fat Mass. , 2012, , 415-440.		4
28	skew2pdot{V}{m O}_{2 {m max}} prediction from multi-frequency bioelectrical impedance analysis. Physiological Measurement, 2008, 29, 193-203.	2.1	20
29	Modeling upper and lower limb muscle volume by bioelectrical impedance analysis. Journal of Applied Physiology, 2007, 103, 1428-1435.	2.5	26
30	Estimation of maximal oxygen uptake by bioelectrical impedance analysis. European Journal of Applied Physiology, 2006, 96, 265-273.	2.5	11