

Alexander C Stahn

List of Publications by Year in descending order

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

Version: 2024-02-01

30
papers

553
citations

623188

14
h-index

713013

21
g-index

30
all docs

30
docs citations

30
times ranked

615
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. <i>Current Issues in Molecular Biology</i> , 2022, 44, 654-669.	1.0	0
2	Dynamic ensemble prediction of cognitive performance in spaceflight. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
3	Regular exercise counteracts circadian shifts in core body temperature during long-duration bed rest. <i>Npj Microgravity</i> , 2021, 7, 1.	1.9	26
4	Head-Down Tilt Position, but Not the Duration of Bed Rest Affects Resting State Electrocardiac Activity. <i>Frontiers in Physiology</i> , 2021, 12, 638669.	1.3	9
5	Continuous and Intermittent Artificial Gravity as a Countermeasure to the Cognitive Effects of 60 Days of Head-Down Tilt Bed Rest. <i>Frontiers in Physiology</i> , 2021, 12, 643854.	1.3	21
6	Effects of head-down tilt bed rest plus elevated CO ₂ on cognitive performance. <i>Journal of Applied Physiology</i> , 2021, 130, 1235-1246.	1.2	15
7	Long-Term Bed Rest Delays the Circadian Phase of Core Body Temperature. <i>Frontiers in Physiology</i> , 2021, 12, 658707.	1.3	5
8	Impaired Attentional Processing During Parabolic Flight. <i>Frontiers in Physiology</i> , 2021, 12, 675426.	1.3	5
9	Brains in space: the importance of understanding the impact of long-duration spaceflight on spatial cognition and its neural circuitry. <i>Cognitive Processing</i> , 2021, 22, 105-114.	0.7	19
10	Effects of two months of bed rest and antioxidant supplementation on attentional processing. <i>Cortex</i> , 2021, 141, 81-93.	1.1	10
11	Extreme environments for understanding brain and cognition. <i>Trends in Cognitive Sciences</i> , 2021, , .	4.0	8
12	Exercise-induced changes in brain activity during memory encoding and retrieval after long-term bed rest. <i>NeuroImage</i> , 2020, 223, 117359.	2.1	19
13	COVID-19â€™The largest isolation study in history: the value of shared learnings from spaceflight analogs. <i>Npj Microgravity</i> , 2020, 6, 32.	1.9	30
14	Towards understanding the effects of spaceflight on the brain. <i>Lancet Neurology</i> , The, 2020, 19, 808.	4.9	20
15	Reduced vagal modulations of heart rate during overwintering in Antarctica. <i>Scientific Reports</i> , 2020, 10, 21810.	1.6	2
16	Combined protein and calcium β -hydroxy- β -methylbutyrate induced gains in leg fat free mass: a double-blinded, placebo-controlled study. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 16.	1.7	6
17	Recommendations for assessing motor performance in individuals with dementia: suggestions of an expert panel â€™ a qualitative approach. <i>European Review of Aging and Physical Activity</i> , 2019, 16, 5.	1.3	16
18	Electrocardiac Evidence for Impaired Affective Picture Processing after Long-Term Immobilization. <i>Scientific Reports</i> , 2019, 9, 16610.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Brain Changes in Response to Long Antarctic Expeditions. <i>New England Journal of Medicine</i> , 2019, 381, 2273-2275.	13.9	63
20	High-Intensity Exercise Mitigates Cardiovascular Deconditioning During Long-Duration Bed Rest. <i>Frontiers in Physiology</i> , 2018, 9, 1553.	1.3	26
21	Limb Skin Temperature as a Tool to Predict Orthostatic Instability. <i>Frontiers in Physiology</i> , 2018, 9, 1241.	1.3	1
22	Circadian rhythms in bed rest: Monitoring core body temperature via heat-flux approach is superior to skin surface temperature. <i>Chronobiology International</i> , 2017, 34, 666-676.	0.9	40
23	Increased core body temperature in astronauts during long-duration space missions. <i>Scientific Reports</i> , 2017, 7, 16180.	1.6	68
24	Sleep Quality Changes during Overwintering at the German Antarctic Stations Neumayer II and III: The Gender Factor. <i>PLoS ONE</i> , 2016, 11, e0150099.	1.1	32
25	Changes of 25-OH-Vitamin D during Overwintering at the German Antarctic Stations Neumayer II and III. <i>PLoS ONE</i> , 2015, 10, e0144130.	1.1	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	skew 2π prediction from multi-frequency bioelectrical impedance analysis. <i>Physiological Measurement</i> , 2008, 29, 193-203.	1.2	20
29	Modeling upper and lower limb muscle volume by bioelectrical impedance analysis. <i>Journal of Applied Physiology</i> , 2007, 103, 1428-1435.	1.2	26
30	Estimation of maximal oxygen uptake by bioelectrical impedance analysis. <i>European Journal of Applied Physiology</i> , 2006, 96, 265-273.	1.2	11