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Vestibular brain changes within 70 days of head down bed rest

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Human Brain Mapping, 2018, 39, 2753-2763.

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#	Paper	IF	Citations
41	Vestibular brain changes within 70 days of head down bed rest. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2753-2763	3.3	26
40	Exercise effects on bed rest-induced brain changes. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205515	3.7	5
39	Change of cortical foot activation following 70 days of head-down bed rest. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 2145-2152	3.2	14
38	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 761	4.6	33
37	Functional and/or structural brain changes in response to resistance exercises and resistance training lead to cognitive improvements - a systematic review. <i>European Review of Aging and Physical Activity</i> , <b>2019</b> , 16, 10	6.5	90
36	Head Down Tilt Bed Rest Plus Elevated CO as a Spaceflight Analog: Effects on Cognitive and Sensorimotor Performance. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 355	3.3	28
35	Sensorimotor impairment from a new analog of spaceflight-altered neurovestibular cues. <i>Journal of Neurophysiology</i> , <b>2020</b> , 123, 209-223	3.2	3
34	Neural Working Memory Changes During a Spaceflight Analog With Elevated Carbon Dioxide: A Pilot Study. <i>Frontiers in Systems Neuroscience</i> , <b>2020</b> , 14, 48	3.5	13
33	Effects of galvanic vestibular stimulation on resting state brain activity in patients with bilateral vestibulopathy. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 2527-2547	5.9	6
32	Neural Correlates of Vestibular Processing During a Spaceflight Analog With Elevated Carbon Dioxide (CO): A Pilot Study. <i>Frontiers in Systems Neuroscience</i> , <b>2019</b> , 13, 80	3.5	11
31	Brain connectivity and behavioral changes in a spaceflight analog environment with elevated CO. <i>NeuroImage</i> , <b>2021</b> , 225, 117450	7.9	10
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29	Head-Down Tilt Position, but Not the Duration of Bed Rest Affects Resting State Electrocortical Activity. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 638669	4.6	0
28	The effects of a spaceflight analog with elevated CO on sensorimotor adaptation. <i>Journal of Neurophysiology</i> , <b>2021</b> , 125, 426-436	3.2	2
27	A review of alterations to the brain during spaceflight and the potential relevance to crew in long-duration space exploration. <i>Npj Microgravity</i> , <b>2021</b> , 7, 5	5.3	10
26	Microgravity effects on the human brain and behavior: Dysfunction and adaptive plasticity. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 122, 176-189	9	13
25	Visuomotor Adaptation Brain Changes During a Spaceflight Analog With Elevated Carbon Dioxide (CO): A Pilot Study. <i>Frontiers in Neural Circuits</i> , <b>2021</b> , 15, 659557	3.5	5

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22	Head-Down-Tilt Bed Rest With Elevated CO: Effects of a Pilot Spaceflight Analog on Neural Function and Performance During a Cognitive-Motor Dual Task. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 654906 <sup>4.6</sup>	4.6	3
21	Highlights from the 30th Annual Meeting of the Society for the Neural Control of Movement. <i>Journal of Neurophysiology</i> , <b>2021</b> , 126, 967-975	3.2	1
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16	Effects of Spaceflight on the Vestibular System. <b>2022</b> , 273-311		
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- 3 Are head-down tilt bedrest studies capturing the true nature of spaceflight-induced cognitive changes? A review. 13, 1
- 2 Gravity matters for the neural representations of action semantics. 0
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