Angelique Van Ombergen

List of Publications by Year
in descending order

26 papers	1,010 citations	567144 15 h-index	552653 26 g-index
27 all docs	27 docs citations	27 times ranked	871 citing authors

#	Article	IF	Citations
1	The effect of spaceflight and microgravity on the human brain. Journal of Neurology, 2017, 264, 18-22.	1.8	113
2	Cortical reorganization in an astronautâ€™s brain after long-duration spaceflight. Brain Structure and Function, 2016, 221, 2873-2876.	1.2	103
3	Brain ventricular volume changes induced by long-duration spaceflight. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10531-10536.	3.3	94
4	Brain Tissueâ€“Volume Changes in Cosmonauts. New England Journal of Medicine, 2018, 379, 1678-1680.	13.9	88
5	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. Frontiers in Physiology, 2019, 10, 761.	1.3	63
6	Vestibular Migraine in an Otolaryngology Clinic. Otology and Neurotology, 2015, 36, 133-138.	0.7	60
7	Decreased otolith-mediated vestibular response in 25 astronauts induced by long-duration spaceflight. Journal of Neurophysiology, 2016, 115, 3045-3051.	0.9	58
8	Mal de debarquement syndrome: a systematic review. Journal of Neurology, 2016, 263, 843-854.	1.8	58
9	Macro- and microstructural changes in cosmonautsâ€™ brains after long-duration spaceflight. Science Advances, 2020, 6, .	4.7	56
10	Altered functional brain connectivity in patients with visually induced dizziness. NeuroImage: Clinical, 2017, 14, 538-545.	1.4	55
11	Spaceflight-induced neuroplasticity in humans as measured by MRI: what do we know so far?. Npj Microgravity, 2017, 3, 2.	1.9	43
12	The Effect of Optokinetic Stimulation on Perceptual and Postural Symptoms in Visual Vestibular Mismatch Patients. PLoS ONE, 2016, 11, e0154528.	1.1	33
13	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120439119.	3.3	26
14	â€˜Standardâ€™ versus â€˜nose referenceâ€™ electrode placement for measuring oVEMPs with air-conducted sound: Testâ€“retest reliability and preliminary patient results. Clinical Neurophysiology, 2017, 128, 312-322.	0.7	21
15	Intrinsic functional connectivity reduces after first-time exposure to short-term gravitational alterations induced by parabolic flight. Scientific Reports, 2017, 7, 3061.	1.6	18
16	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight. Frontiers in Neural Circuits, 2022, 16, 815838.	1.4	17
17	Perspective: Stepping Stones to Unraveling the Pathophysiology of Mal de Debarquement Syndrome with Neuroimaging. Frontiers in Neurology, 2018, 9, 42.	1.1	16
18	Mal de Debarquement Syndrome: A Retrospective Online Questionnaire on the Influences of Gonadal Hormones in Relation to Onset and Symptom Fluctuation. Frontiers in Neurology, 2018, 9, 362.	1.1	16

#	Article	IF	Citations
19	Intranasal scopolamine affects the semicircular canals centrally and peripherally. Journal of Applied Physiology, 2015, 119, 213-218.	1.2	12
20	Letter to the Editor: comment and erratum to â€œMal de debarquement syndrome: a systematic reviewâ€. Journal of Neurology, 2016, 263, 855-860.	1.8	12
21	A new theory on GABA and Calcitonin Gene-Related Peptide involvement in Mal de Debarquement Syndrome predisposition factors and pathophysiology. Medical Hypotheses, 2018, 120, 128-134.	0.8	12
22	The Possible Role of Elastic Properties of the Brain and Optic Nerve Sheath in the Development of Spaceflight-Associated Neuro-Ocular Syndrome. American Journal of Neuroradiology, 2020, 41, E14-E15.	1.2	10
23	Restricted sedation and absence of cognitive impairments after administration of intranasal scopolamine. Journal of Psychopharmacology, 2015, 29, 1231-1235.	2.0	8
24	Motion sickness and sopite syndrome associated with parabolic flights: a case report. International Journal of Audiology, 2016, 55, 189-194.	0.9	8
25	Differential effect of visual motion adaption upon visual cortical excitability. Journal of Neurophysiology, 2017, 117, 903-909.	0.9	5
26	Reply to Wostyn et al.: Investigating the spaceflight-associated neuro-ocular syndrome and the human brain in lockstep. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15772-15773.	3.3	4