Angelique Van Ombergen

List of Publications by Citations

26 papers	602 citations	13 h-index	24 g-index
27 ext. papers	849 ext. citations	7.3 avg, IF	3.55 L-index

#	Paper	IF	Citations
26	Cortical reorganization in an astronaut's brain after long-duration spaceflight. *Brain Structure and Function*, **2016**, 221, 2873-6	4	66
25	The effect of spaceflight and microgravity on the human brain. *Journal of Neurology*, **2017**, 264, 18-22	5.5	66
24	Brain Tissue-Volume Changes in Cosmonauts. *New England Journal of Medicine*, **2018**, 379, 1678-1680	59.2	62
23	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	11.5	58
22	Vestibular migraine in an otolaryngology clinic: prevalence, associated symptoms, and prophylactic medication effectiveness. *Otology and Neurotology*, **2015**, 36, 133-8	2.6	44
21	Decreased otolith-mediated vestibular response in 25 astronauts induced by long-duration spaceflight. *Journal of Neurophysiology*, **2016**, 115, 3045-51	3.2	39
20	Mal de debarquement syndrome: a systematic review. *Journal of Neurology*, **2016**, 263, 843-854	5.5	35
19	Altered functional brain connectivity in patients with visually induced dizziness. *NeuroImage: Clinical*, **2017**, 14, 538-545	5.3	34
18	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. *Frontiers in Physiology*, **2019**, 10, 761	4.6	33
17	Spaceflight-induced neuroplasticity in humans as measured by MRI: what do we know so far?. *Npj Microgravity*, **2017**, 3, 2	5.3	25
16	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. *Science Advances*, **2020**, 6,	14.3	24
15	The Effect of Optokinetic Stimulation on Perceptual and Postural Symptoms in Visual Vestibular Mismatch Patients. *PLoS ONE*, **2016**, 11, e0154528	3.7	18
14	'Standard' versus 'nose reference' electrode placement for measuring oVEMPs with air-conducted sound: Test-retest reliability and preliminary patient results. *Clinical Neurophysiology*, **2017**, 128, 312-322	4.3	15
13	Perspective: Stepping Stones to Unraveling the Pathophysiology of Mal de Debarquement Syndrome with Neuroimaging. *Frontiers in Neurology*, **2018**, 9, 42	4.1	10
12	Intrinsic functional connectivity reduces after first-time exposure to short-term gravitational alterations induced by parabolic flight. *Scientific Reports*, **2017**, 7, 3061	4.9	10
11	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	4.1	9
10	Intranasal scopolamine affects the semicircular canals centrally and peripherally. *Journal of Applied Physiology*, **2015**, 119, 213-8	3.7	9

9	Letter to the Editor: comment and erratum to "Mal de debarquement syndrome: a systematic review". *Journal of Neurology*, **2016**, 263, 855-860	5.5	8
8	Motion sickness and sopite syndrome associated with parabolic flights: a case report. *International Journal of Audiology*, **2016**, 55, 189-94	2.6	7
7	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	4.4	7
6	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	3.8	7
5	Restricted sedation and absence of cognitive impairments after administration of intranasal scopolamine. *Journal of Psychopharmacology*, **2015**, 29, 1231-5	4.6	5
4	Differential effect of visual motion adaption upon visual cortical excitability. *Journal of Neurophysiology*, **2017**, 117, 903-909	3.2	4
3	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	11.5	3
2	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight.. *Frontiers in Neural Circuits*, **2022**, 16, 815838	3.5	2
1	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	11.5	2