

# Peter Zu Eulenburg

## List of Publications by Citations

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41  
papers

893  
citations

15  
h-index

29  
g-index

51  
ext. papers

1,176  
ext. citations

7.6  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
41	Meta-analytical definition and functional connectivity of the human vestibular cortex. <i>NeuroImage</i> , <b>2012</b> , 60, 162-9	7.9	269
40	Voxel-based morphometry depicts central compensation after vestibular neuritis. <i>Annals of Neurology</i> , <b>2010</b> , 68, 241-9	9.4	80
39	Brain Tissue-Volume Changes in Cosmonauts. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 1678-1680	59.2	62
38	Brain ventricular volume changes induced by long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10531-10536	11.5	58
37	Interoceptive and multimodal functions of the operculo-insular cortex: tactile, nociceptive and vestibular representations. <i>NeuroImage</i> , <b>2013</b> , 83, 75-86	7.9	53
36	DeepVOG: Open-source pupil segmentation and gaze estimation in neuroscience using deep learning. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 324, 108307	3	51
35	Insula and sensory insular cortex and somatosensory control in patients with insular stroke. <i>European Journal of Pain</i> , <b>2014</b> , 18, 1385-93	3.7	32
34	Insular strokes cause no vestibular deficits. <i>Stroke</i> , <b>2013</b> , 44, 2604-6	6.7	30
33	Posterior insular cortex - a site of vestibular-somatosensory interaction?. <i>Brain and Behavior</i> , <b>2013</b> , 3, 519-24	3.4	29
32	Ventral and dorsal streams processing visual motion perception (FDG-PET study). <i>BMC Neuroscience</i> , <b>2012</b> , 13, 81	3.2	27
31	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	24
30	The cortical spatiotemporal correlate of otolith stimulation: Vestibular evoked potentials by body translations. <i>NeuroImage</i> , <b>2017</b> , 155, 50-59	7.9	16
29	Cortical alterations in phobic postural vertigo - a multimodal imaging approach. <i>Annals of Clinical and Translational Neurology</i> , <b>2018</b> , 5, 717-729	5.3	16
28	On the recall of vestibular sensations. <i>Brain Structure and Function</i> , <b>2013</b> , 218, 255-67	4	16
27	Lesions to the posterior insular cortex cause dysarthria. <i>European Journal of Neurology</i> , <b>2011</b> , 18, 1429-36		15
26	Longitudinal multi-modal neuroimaging in opsoclonus-myoclonus syndrome. <i>Journal of Neurology</i> , <b>2017</b> , 264, 512-519	5.5	11
25	Network changes in patients with phobic postural vertigo. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01622	3.4	10

24	Alterations and test-retest reliability of functional connectivity network measures in cerebral small vessel disease. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 2629-2641	5.9	9
23	The human corticocortical vestibular network. <i>NeuroImage</i> , <b>2020</b> , 223, 117362	7.9	9
22	Delineating function and connectivity of optokinetic hubs in the cerebellum and the brainstem. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 4163-4185	4	8
21	The Possible Role of Elastic Properties of the Brain and Optic Nerve Sheath in the Development of Spaceflight-Associated Neuro-Ocular Syndrome. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, E14-E15	4.4	7
20	Ageing-related changes in the cortical processing of otolith information in humans. <i>European Journal of Neuroscience</i> , <b>2017</b> , 46, 2817-2825	3.5	6
19	Functional correlate and delineated connectivity pattern of human motion aftereffect responses substantiate a subjacent visual-vestibular interaction. <i>NeuroImage</i> , <b>2018</b> , 174, 22-34	7.9	6
18	Changes in Blood Biomarkers of Brain Injury and Degeneration Following Long-Duration Spaceflight. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1525-1527	17.2	6
17	Structural reorganization of the cerebral cortex after vestibulo-cerebellar stroke. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102603	5.3	6
16	Global multisensory reorganization after vestibular brain stem stroke. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 1788-1801	5.3	5
15	Auditory induced vestibular (otolithic) processing revealed by an independent component analysis: an fMRI parametric analysis. <i>Journal of Neurology</i> , <b>2017</b> , 264, 23-25	5.5	4
14	The role of delta and theta oscillations during ego-motion in healthy adult volunteers. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 1073-1083	2.3	4
13	Prediction contribution of the cranial collateral circulation to the clinical and radiological outcome of ischemic stroke. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2013-2021	5.5	3
12	Simultaneous recording of cervical and ocular vestibular-evoked myogenic potentials. <i>Neurology</i> , <b>2018</b> , 90, e230-e238	6.5	3
11	Reply to Wostyn et al.: Investigating the spaceflight-associated neuro-ocular syndrome and the human brain in lockstep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 15772-15773	11.5	3
10	Voxel-based morphometry delineates the role of the cerebellar tonsil in physiological upbeat nystagmus. <i>Journal of Neurology</i> , <b>2017</b> , 264, 13-15	5.5	2
9	Reorganization of sensory networks after subcortical vestibular infarcts - A longitudinal symptom-related VBM study.. <i>European Journal of Neurology</i> , <b>2022</b> ,	6	2
8	Functional hierarchy of oculomotor and visual motion subnetworks within the human cortical optokinetic system. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 567-582	4	2
7	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight.. <i>Frontiers in Neural Circuits</i> , <b>2022</b> , 16, 815838	3.5	2

6	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2120439119	11.5	2
5	Jumping at a chance to control cerebral blood flow in astronauts. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1407-1409	2.4	1
4	White matter volume loss drives cortical reshaping after thalamic infarcts.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 33, 102953	5.3	0
3	Delineating neural responses and functional connectivity changes during vestibular and nociceptive stimulation reveal the uniqueness of cortical vestibular processing. <i>Brain Structure and Function</i> , <b>2021</b> , 1	4	0
2	In Vivo Localization of the Human Velocity Storage Mechanism and Its Core Cerebellar Networks by Means of Galvanic-Vestibular Afternystagmus and fMRI.. <i>Cerebellum</i> , <b>2022</b> , 1	4.3	0
1	Reply to Ludwig et al.: A potential mechanism for intracranial cerebrospinal fluid accumulation during long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 20265-20266	11.5	