

# Pavel Hok

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

345  
citations

840728

11  
h-index

888047

17  
g-index

41  
all docs

41  
docs citations

41  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal changes of cortical microstructure in Parkinson's disease assessed with T1 relaxometry. <i>NeuroImage: Clinical</i> , 2017, 13, 405-414.	2.7	33
2	Changes in sensorimotor network activation after botulinum toxin type A injections in patients with cervical dystonia: a functional MRI study. <i>Experimental Brain Research</i> , 2018, 236, 2627-2637.	1.5	31
3	The Central Effects of Botulinum Toxin in Dystonia and Spasticity. <i>Toxins</i> , 2021, 13, 155.	3.4	27
4	Evaluation of brain ageing: a quantitative longitudinal MRI study over 7 years. <i>European Radiology</i> , 2017, 27, 1568-1576.	4.5	25
5	Multiparametric Quantitative MRI in Neurological Diseases. <i>Frontiers in Neurology</i> , 2021, 12, 640239.	2.4	25
6	Modulation of the sensorimotor system by sustained manual pressure stimulation. <i>Neuroscience</i> , 2017, 348, 11-22.	2.3	22
7	BoNT-A related changes of cortical activity in patients suffering from severe hand paralysis with arm spasticity following ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2012, 319, 89-95.	0.6	21
8	Cortical activity modulation by botulinum toxin type A in patients with post-stroke arm spasticity: Real and imagined hand movement. <i>Journal of the Neurological Sciences</i> , 2014, 346, 276-283.	0.6	19
9	Low-Frequency Oscillations Code Speech during Verbal Working Memory. <i>Journal of Neuroscience</i> , 2019, 39, 6498-6512.	3.6	19
10	Multimodal Quantitative MRI Reveals No Evidence for Tissue Pathology in Idiopathic Cervical Dystonia. <i>Frontiers in Neurology</i> , 2019, 10, 914.	2.4	14
11	Freezing of gait is associated with cortical thinning in mesial frontal cortex. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2017, 161, 389-396.	0.6	14
12	Sensorimotor modulation by botulinum toxin A in post-stroke arm spasticity: Passive hand movement. <i>Journal of the Neurological Sciences</i> , 2016, 362, 14-20.	0.6	13
13	Botulinum toxin injection changes resting state cerebellar connectivity in cervical dystonia. <i>Scientific Reports</i> , 2021, 11, 8322.	3.3	11
14	Optimization of diffusion-weighted single-refocused spin-echo EPI by reducing eddy-current artifacts and shortening the echo time. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 585-597.	2.0	9
15	Longitudinal brain activation changes related to electrophysiological findings in patients with cervical spondylotic myelopathy before and after spinal cord decompression: an fMRI study. <i>Acta Neurochirurgica</i> , 2018, 160, 923-932.	1.7	9
16	Botulinum Toxin Modulates Posterior Parietal Cortex Activation in Post-stroke Spasticity of the Upper Limb. <i>Frontiers in Neurology</i> , 2019, 10, 495.	2.4	9
17	Modality effects in paced serial addition task: Differential responses to auditory and visual stimuli. <i>Neuroscience</i> , 2014, 272, 10-20.	2.3	8
18	The effects of sustained manual pressure stimulation according to Vojta Therapy on heart rate variability. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2018, 162, 206-211.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Differential Effects of Sustained Manual Pressure Stimulation According to Site of Action. <i>Frontiers in Neuroscience</i> , 2019, 13, 722.	2.8	5
20	Changes in oxygen saturation and the retinal nerve fibre layer in patients with optic neuritis associated with multiple sclerosis in a 6-month follow-up. <i>Acta Ophthalmologica</i> , 2020, 98, 841-847.	1.1	5
21	Contemporary clinical neurophysiology applications in dystonia. <i>Journal of Neural Transmission</i> , 2021, 128, 509-519.	2.8	4
22	Cortical somatosensory processing after botulinum toxin therapy in post-stroke spasticity. <i>Medicine (United States)</i> , 2021, 100, e26356.	1.0	3
23	Functional MRI Study of Gender Effects in Brain Activations During Verbal Working Memory Task. <i>Physiological Research</i> , 2018, 67, 825-829.	0.9	3
24	Changes in Brain Responses to Music and Non-music Sounds Following Creativity Training Within the "Different Hearing" Program. <i>Frontiers in Neuroscience</i> , 2021, 15, 703620.	2.8	2
25	Very late complications of oncotherapy in glioblastoma patients: A case series. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2021, , .	0.6	1
26	Neurological complications of SARS-CoV-2 coronavirus infection (COVID-19). <i>Neurologie Pro Praxi</i> , 2020, 21, 14-14.	0.1	1
27	Modulation of the human sensorimotor system by afferent somatosensory input: evidence from experimental pressure stimulation and physiotherapy. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 371-379.	0.6	1
28	Correlation between retinal oxygen saturation and the haemodynamic parameters of the ophthalmic artery in healthy subjects. <i>Acta Ophthalmologica</i> , 0, , .	1.1	1
29	P.4.a.012 Treatment effect prediction of cognitive behavioural therapy in panic disorder patients "fMRI study. <i>European Neuropsychopharmacology</i> , 2012, 22, S364.	0.7	0
30	Evaluating central sensorimotor modulation due to botulinum toxin A in post-stroke arm spasticity and hand plegia: Passive hand movement. <i>Journal of the Neurological Sciences</i> , 2015, 357, e84.	0.6	0
31	Sensorimotor plasticity due to botulinum-toxin treatment of leg spasticity in multiple sclerosis: A functional MRI study. <i>Journal of the Neurological Sciences</i> , 2017, 381, 440.	0.6	0
32	Long-term changes in sensorimotor cortical modulation in response to botulinum toxin therapy in cervical dystonia. The functional MRI study. <i>Journal of the Neurological Sciences</i> , 2017, 381, 589-590.	0.6	0
33	Differences in botulinum toxin treated and non-treated cervical dystonia patients in somatosensory task-related functional imaging response. <i>Parkinsonism and Related Disorders</i> , 2018, 46, e37.	2.2	0
34	The pitfalls of treating rapidly evolving multiple sclerosis. <i>Neurologie Pro Praxi</i> , 2020, 21, 142-145.	0.1	0