

# Miklos Palotai

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

579  
citations

471061

17  
h-index

676716

22  
g-index

40  
all docs

40  
docs citations

40  
times ranked

890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perivascular Unit: This Must Be the Place. The Anatomical Crossroad Between the Immune, Vascular and Nervous System. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 17.	0.9	46
2	Fatigue predicts disease worsening in relapsing-remitting multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1841-1849.	1.4	41
3	Brain anatomical correlates of fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 751-764.	1.4	38
4	Ghrelin amplifies the nicotine-induced dopamine release in the rat striatum. <i>Neurochemistry International</i> , 2013, 63, 239-243.	1.9	33
5	Imaging localized neuronal activity at fast time scales through biomechanics. <i>Science Advances</i> , 2019, 5, eaav3816.	4.7	32
6	The interaction of Urocortin II and Urocortin III with amygdalar and hypothalamic corticotropin-releasing factor (CRF) â€“ Reflections on the regulation of the hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis. <i>Neuropeptides</i> , 2013, 47, 333-338.	0.9	25
7	Neuropeptide AF induces anxiety-like and antidepressant-like behavior in mice. <i>Behavioural Brain Research</i> , 2014, 274, 264-269.	1.2	25
8	Characterization of glioblastoma in an orthotopic mouse model with magnetic resonance elastography. <i>NMR in Biomedicine</i> , 2018, 31, e3840.	1.6	25
9	Microstructural fronto-striatal and temporo-insular alterations are associated with fatigue in patients with multiple sclerosis independent of white matter lesion load and depression. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1708-1718.	1.4	25
10	Orexin A-induced anxiety-like behavior is mediated through GABA-ergic, $\hat{1}\pm$ - and $\hat{1}^2$ -adrenergic neurotransmissions in mice. <i>Peptides</i> , 2014, 57, 129-134.	1.2	24
11	Evaluating the Association between Enlarged Perivascular Spaces and Disease Worsening in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 28, 273-277.	1.0	24
12	History of fatigue in multiple sclerosis is associated with grey matter atrophy. <i>Scientific Reports</i> , 2019, 9, 14781.	1.6	24
13	Changes to the septo-fornical area might play a role in the pathogenesis of anxiety in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1105-1114.	1.4	23
14	Selective CRF2 receptor agonists ameliorate the anxiety- and depression-like state developed during chronic nicotine treatment and consequent acute withdrawal in mice. <i>Brain Research</i> , 2016, 1652, 21-29.	1.1	22
15	Ghrelin and Nicotine Stimulate Equally the Dopamine Release in the Rat Amygdala. <i>Neurochemical Research</i> , 2013, 38, 1989-1995.	1.6	21
16	The action of orexin B on passive avoidance learning. Involvement of neurotransmitters. <i>Behavioural Brain Research</i> , 2014, 272, 1-7.	1.2	20
17	The effect of urocortin I on the hypothalamic ACTH secretagogues and its impact on the hypothalamic-pituitary-adrenal axis. <i>Neuropeptides</i> , 2014, 48, 15-20.	0.9	18
18	Reduced accuracy of MRI deep grey matter segmentation in multiple sclerosis: an evaluation of four automated methods against manual reference segmentations in a multi-center cohort. <i>Journal of Neurology</i> , 2020, 267, 3541-3554.	1.8	14

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19	A novel classification of fatigue in multiple sclerosis based on longitudinal assessments. Multiple Sclerosis Journal, 2020, 26, 725-734.	1.4	13
20	Magnetic Resonance Elastography reveals effects of anti-angiogenic glioblastoma treatment on tumor stiffness and captures progression in an orthotopic mouse model. Cancer Imaging, 2020, 20, 35.	1.2	11
21	The actions of neuropeptide SF on the hypothalamicâ€“pituitaryâ€“adrenal axis and behavior in rats. Regulatory Peptides, 2014, 188, 46-51.	1.9	10
22	Usability of a Mobile App for Real-Time Assessment of Fatigue and Related Symptoms in Patients With Multiple Sclerosis: Observational Study. JMIR MHealth and UHealth, 2021, 9, e19564.	1.8	9
23	Changes in striatal dopamine release and locomotor activity following acute withdrawal from chronic nicotine are mediated by CRF1, but not CRF2, receptors. Brain Research, 2019, 1706, 41-47.	1.1	8
24	The action of neuropeptide AF on passive avoidance learning. Involvement of neurotransmitters. Neurobiology of Learning and Memory, 2016, 127, 34-41.	1.0	7
25	Microstructural Changes in the Left Mesocorticolimbic Pathway are Associated with the Comorbid Development of Fatigue and Depression in Multiple Sclerosis. Journal of Neuroimaging, 2021, 31, 501-507.	1.0	7
26	Anxiolytic effect of the GPR103 receptor agonist peptide P550 (homolog of neuropeptide 26RFa) in mice. Involvement of neurotransmitters. Peptides, 2016, 82, 20-25.	1.2	6
27	Targeted Blood Brain Barrier Opening With Focused Ultrasound Induces Focal Macrophage/Microglial Activation in Experimental Autoimmune Encephalomyelitis. Frontiers in Neuroscience, 2021, 15, 665722.	1.4	6
28	Aquaporin 4 distribution in the brain and its relevance for the radiological appearance of neuromyelitis optica spectrum disease. Journal of Neuroradiology, 2021, 48, 170-175.	0.6	4
29	Involvement of Neurotransmitters in the Action of the Nociceptin/Orphanin FQ Peptide-Receptor System on Passive Avoidance Learning in Rats. Neurochemical Research, 2014, 39, 1477-1483.	1.6	3
30	Development and evaluation of a manual segmentation protocol for deep grey matter in multiple sclerosis: Towards accelerated semi-automated references. NeuroImage: Clinical, 2021, 30, 102659.	1.4	3
31	Identification and Characterization of Leptomeningeal Metastases Using SPINE, A Webâ€“Based Collaborative Platform. Journal of Neuroimaging, 2021, 31, 324-333.	1.0	3
32	Magnetic resonance elastography to study the effect of amyloid plaque accumulation in a mouse model. Journal of Neuroimaging, 2022, , .	1.0	2
33	The effects of CRF and the urocortins on the hippocampal acetylcholine release in rats. Neuropeptides, 2021, 88, 102147.	0.9	1
34	Interleukin-1 $\beta$ (187â€“207)-Induced Hyperthermia is Inhibited by Interleukin-1 $\beta$ (193â€“195) in Rats. Neurochemical Research, 2014, 39, 254-258.	1.6	0
35	Large deep neural networks for MS lesion segmentation. Proceedings of SPIE, 2017, , .	0.8	0
36	Cover image, Volume 31 Issue 10. NMR in Biomedicine, 2018, 31, e3825.	1.6	0