Nikoletta SzabÃ³

List of Publications by Year
in descending order

37 papers	857 citations	516710 16 h-index	501196 28 g-index
37 all docs	37 docs citations	37 times ranked	1455 citing authors

#	Article	IF	Citations
1	White matter microstructural alterations in migraine: A diffusion-weighted MRI study. Pain, 2012, 153, 651-656.	4.2	81
2	Release of PACAP-38 in episodic cluster headache patients â€" an exploratory study. Journal of Headache and Pain, 2016, 17, 69.	6.0	79
3	Principles of diffusion kurtosis imaging and its role in early diagnosis of neurodegenerative disorders. Brain Research Bulletin, 2018, 139, 91-98.	3.0	72
4	Altered tryptophan metabolism in Parkinson's disease: A possible novel therapeutic approach. Journal of the Neurological Sciences, 2011, 310, 256-260.	0.6	61
5	White matter alterations in Parkinsonâ€™s disease with normal cognition precede grey matter atrophy. PLoS ONE, 2018, 13, e0187939.	2.5	57
6	Interictal brain activity differs in migraine with and without aura: resting state fMRI study. Journal of Headache and Pain, 2017, 18, 8.	6.0	56
7	Male brain ages faster: the age and gender dependence of subcortical volumes. Brain Imaging and Behavior, 2016, 10, 901-910.	2.1	54
8	Evidence for Plastic Processes in Migraine with Aura: A Diffusion Weighted MRI Study. Frontiers in Neuroanatomy, 2017, 11, 138.	1.7	39
9	Early and progressive microstructural brain changes in mice overexpressing human Î±-Synuclein detected by diffusion kurtosis imaging. Brain, Behavior, and Immunity, 2017, 61, 197-208.	4.1	28
10	White matter disintegration in cluster headache. Journal of Headache and Pain, 2013, 14, 64.	6.0	26
11	Novel therapy in Parkinson's disease: adenosine A_{2A}receptor antagonists. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 441-455.	3.3	24
12	Are Migraine With and Without Aura Really Different Entities?. Frontiers in Neurology, 2019, 10, 982.	2.4	24
13	The Contribution of Various MRI Parameters to Clinical and Cognitive Disability in Multiple Sclerosis. Frontiers in Neurology, 2018, 9, 1172.	2.4	23
14	Temporal instability of salience network activity in migraine with aura. Pain, 2020, 161, 856-864.	4.2	23
15	Lateâ€stage Î±â€synuclein accumulation in TNWTâ€61 mouse model of Parkinson's disease detected by diffusion kurtosis imaging. Journal of Neurochemistry, 2016, 136, 1259-1269.	3.9	18
16	Macro- and microstructural alterations of the subcortical structures in episodic cluster headache. Cephalalgia, 2018, 38, 662-673.	3.9	18
17	Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of Î±-Synuclein Overexpressing Transgenic Mouse Model of Parkinsonâ€™s Disease: A Pilot Study. Neurotoxicity Research, 2015, 28, 281-289.	2.7	17
18	Altered Resting State Functional Activity and Microstructure of the White Matter in Migraine With Aura. Frontiers in Neurology, 2019, 10, 1039.	2.4	17

#	Article	IF	Citations
19	Difference in white matter microstructure in differential diagnosis of normal pressure hydrocephalus and Alzheimer's disease. Clinical Neurology and Neurosurgery, 2016, 140, 52-59.	1.4	16
20	Ipsilateral Alteration of Resting State Activity Suggests That Cortical Dysfunction Contributes to the Pathogenesis of Cluster Headache. Brain Topography, 2017, 30, 281-289.	1.8	16
21	Resting-state functional heterogeneity of the right insula contributes to pain sensitivity. Scientific Reports, 2021, 11, 22945.	3.3	16
22	Diffusion Kurtosis Imaging Detects Microstructural Changes in a Methamphetamine-Induced Mouse Model of Parkinsonâ€™s Disease. Neurotoxicity Research, 2019, 36, 724-735.	2.7	12
23	Diffusion kurtosis imaging detects the timeâ€dependent progress of pathological changes in the oral rotenone mouse model of Parkinson's disease. Journal of Neurochemistry, 2021, 158, 779-797.	3.9	12
24	Audioâ€"visual integration through the parallel visual pathways. Brain Research, 2015, 1624, 71-77.	2.2	10
25	Correlation of neurochemical and imaging markers in migraine. Neurology, 2018, 91, e1166-e1174.	1.1	9
26	Altered brain network function during attention-modulated visual processing in multiple sclerosis. Multiple Sclerosis Journal, 2020, 27, 135245852095836.	3.0	9
27	An investigation of the white matter microstructure in motion detection using diffusion MRI. Brain Research, 2014, 1570, 35-42.	2.2	7
28	Distinctive Patterns of Seizure-Related White Matter Alterations in Right and Left Temporal Lobe Epilepsy. Frontiers in Neurology, 2019, 10, 986.	2.4	6
29	A New Division of Schizophrenia Revealed Expanded Bilateral Brain Structural Abnormalities of the Association Cortices. Frontiers in Psychiatry, 2017, 8, 127.	2.6	5
30	Brain MRI Diffusion Encoding Direction Number Affects Tractâ€Based Spatial Statistics Results in Multiple Sclerosis. Journal of Neuroimaging, 2020, 30, 512-522.	2.0	5
31	Two Classes of T1 Hypointense Lesions in Multiple Sclerosis With Different Clinical Relevance. Frontiers in Neurology, 2021, 12, 619135.	2.4	4
32	Diffusion MRI measured white matter microstructure as a biomarker of neurodegeneration in preclinical Huntington's disease. Ideggyogyaszati Szemle, 2013, 66, 399-405.	0.7	4
33	Gray Matter Atrophy to Explain Subclinical Oculomotor Deficit in Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 589.	2.4	3
34	Functional Connectivity Lateralisation Shift of Resting State Networks is Linked to Visuospatial Memory and White Matter Microstructure in Relapsingâ€"Remitting Multiple Sclerosis. Brain Topography, 2022, 35, 268-275.	1.8	3
35	Lateralisation of the white matter microstructure associated with the hemispheric spatial attention dominance. PLoS ONE, 2019, 14, e0216032.	2.5	2
36	GRAY MATTER ATROPHY IN PRESYMPTOMATIC HUNTINGTONâ€™S PATIENTS. Ideggyogyaszati Szemle, 2016, 69, 261-267.	0.7	1

#	ARTICLE	IF	CITATIONS
37	The effect of lesion location on visuospatial attentional bias in patients with multiple sclerosis.. Neuropsychology, 2022, 36, 150-158.	1.3	0