Roxana G Burciu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Longitudinal changes in free-water within the substantia nigra of Parkinson's disease. Brain, 2015, 138, 2322-2331.	7.6	177
2	Free-water imaging in Parkinson's disease and atypical parkinsonism. Brain, 2016, 139, 495-508.	7.6	165
3	Progression marker of Parkinson's disease: a 4-year multi-site imaging study. Brain, 2017, 140, 2183-2192.	7.6	139
4	Development and validation of the automated imaging differentiation in parkinsonism (AID-P): a multicentre machine learning study. The Lancet Digital Health, 2019, 1, e222-e231.	12.3	73
5	A widespread visually-sensitive functional network relates to symptoms in essential tremor. Brain, 2018, 141, 472-485.	7.6	71
6	Imaging of Motor Cortex Physiology in Parkinson's Disease. Movement Disorders, 2018, 33, 1688-1699.	3.9	63
7	Free water improves detection of changes in the substantia nigra in parkinsonism: A multisite study. Movement Disorders, 2017, 32, 1457-1464.	3.9	60
8	Distinct patterns of brain activity in progressive supranuclear palsy and Parkinson's disease. Movement Disorders, 2015, 30, 1248-1258.	3.9	52
9	Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. Human Brain Mapping, 2017, 38, 4563-4573.	3.6	49
10	Functional MRI of disease progression in Parkinson disease and atypical parkinsonian syndromes. Neurology, 2016, 87, 709-717.	1.1	45
11	Subthalamic nucleus—sensorimotor cortex functional connectivity in de novo and moderate Parkinson's disease. Neurobiology of Aging, 2015, 36, 462-469.	3.1	43
12	Multimodal dopaminergic and free-water imaging in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 62, 10-15.	2.2	42
13	Automated MRI Classification in Progressive Supranuclear Palsy: A Large International Cohort Study. Movement Disorders, 2020, 35, 976-983.	3.9	38
14	Beta-band oscillations in the supplementary motor cortex are modulated by levodopa and associated with functional activity in the basal ganglia. NeuroImage: Clinical, 2018, 19, 559-571.	2.7	37
15	Freeâ€water and BOLD imaging changes in Parkinson's disease patients chronically treated with a MAOâ€B inhibitor. Human Brain Mapping, 2016, 37, 2894-2903.	3.6	31
16	Storage of a naturally acquired conditioned response is impaired in patients with cerebellar degeneration. Brain, 2013, 136, 2063-2076.	7.6	23
17	Parkinson's disease diffusion MRI is not affected by acute antiparkinsonian medication. NeuroImage: Clinical, 2017, 14, 417-421.	2.7	23
18	A New MRI Measure to Early Differentiate Progressive Supranuclear Palsy From De Novo Parkinson's Disease in Clinical Practice: An International Study. Movement Disorders, 2021, 36, 681-689.	3.9	22

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#	Article	IF	CITATIONS
19	Longitudinal Progression Markers of Parkinson's Disease: Current View on Structural Imaging. Current Neurology and Neuroscience Reports, 2018, 18, 83.	4.2	21
20	Forebrain knock-out of torsinA reduces striatal free-water and impairs whole-brain functional connectivity in a symptomatic mouse model of DYT1 dystonia. Neurobiology of Disease, 2017, 106, 124-132.	4.4	19
21	Development and Validation of Automated <scp>Magnetic Resonance</scp> Parkinsonism Index 2.0 to Distinguish <scp>Progressive Supranuclear Palsyâ€Parkinsonism</scp> From <scp>Parkinson's Disease</scp> . Movement Disorders, 2022, 37, 1272-1281.	3.9	17
22	Magnetic Resonance Imaging and Neurofilament Light in the Differentiation of Parkinsonism. Movement Disorders, 2020, 35, 1388-1395.	3.9	15
23	Multimodal neuroimaging and behavioral assessment of α-synuclein polymorphism rs356219 in older adults. Neurobiology of Aging, 2018, 66, 32-39.	3.1	8
24	Diffusion Magnetic Resonance Imaging Detects Progression in <scp>Parkinson's</scp> Disease: A Placebo ontrolled Trial of Rasagiline. Movement Disorders, 2022, 37, 325-333.	3.9	7
25	Sensory and motor cortex function contributes to symptom severity in spinocerebellar ataxia type 6. Brain Structure and Function, 2017, 222, 1039-1052.	2.3	6
26	Temporal Invariance in SCA6 Is Related to Smaller Cerebellar Lobule VI and Greater Disease Severity. Journal of Neuroscience, 2020, 40, 1722-1731.	3.6	5
27	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. Brain, 2018, 141, e48-e48.	7.6	3