

# Roxana G Burciu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,254  
citations

430754

18  
h-index

526166

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal changes in free-water within the substantia nigra of Parkinson's disease. <i>Brain</i> , 2015, 138, 2322-2331.	3.7	177
2	Free-water imaging in Parkinson's disease and atypical parkinsonism. <i>Brain</i> , 2016, 139, 495-508.	3.7	165
3	Progression marker of Parkinson's disease: a 4-year multi-site imaging study. <i>Brain</i> , 2017, 140, 2183-2192.	3.7	139
4	Development and validation of the automated imaging differentiation in parkinsonism (AID-P): a multicentre machine learning study. <i>The Lancet Digital Health</i> , 2019, 1, e222-e231.	5.9	73
5	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , 2018, 141, 472-485.	3.7	71
6	Imaging of Motor Cortex Physiology in Parkinson's Disease. <i>Movement Disorders</i> , 2018, 33, 1688-1699.	2.2	63
7	Free water improves detection of changes in the substantia nigra in parkinsonism: A multisite study. <i>Movement Disorders</i> , 2017, 32, 1457-1464.	2.2	60
8	Distinct patterns of brain activity in progressive supranuclear palsy and Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1248-1258.	2.2	52
9	Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. <i>Human Brain Mapping</i> , 2017, 38, 4563-4573.	1.9	49
10	Functional MRI of disease progression in Parkinson disease and atypical parkinsonian syndromes. <i>Neurology</i> , 2016, 87, 709-717.	1.5	45
11	Subthalamic nucleus-sensorimotor cortex functional connectivity in de novo and moderate Parkinson's disease. <i>Neurobiology of Aging</i> , 2015, 36, 462-469.	1.5	43
12	Multimodal dopaminergic and free-water imaging in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 10-15.	1.1	42
13	Automated MRI Classification in Progressive Supranuclear Palsy: A Large International Cohort Study. <i>Movement Disorders</i> , 2020, 35, 976-983.	2.2	38
14	Beta-band oscillations in the supplementary motor cortex are modulated by levodopa and associated with functional activity in the basal ganglia. <i>NeuroImage: Clinical</i> , 2018, 19, 559-571.	1.4	37
15	Free-water and BOLD imaging changes in Parkinson's disease patients chronically treated with a MAO-B inhibitor. <i>Human Brain Mapping</i> , 2016, 37, 2894-2903.	1.9	31
16	Storage of a naturally acquired conditioned response is impaired in patients with cerebellar degeneration. <i>Brain</i> , 2013, 136, 2063-2076.	3.7	23
17	Parkinson's disease diffusion MRI is not affected by acute antiparkinsonian medication. <i>NeuroImage: Clinical</i> , 2017, 14, 417-421.	1.4	23
18	A New MRI Measure to Early Differentiate Progressive Supranuclear Palsy From De Novo Parkinson's Disease in Clinical Practice: An International Study. <i>Movement Disorders</i> , 2021, 36, 681-689.	2.2	22

#	ARTICLE	IF	CITATIONS
19	Longitudinal Progression Markers of Parkinson's Disease: Current View on Structural Imaging. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 83.	2.0	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. <i>Neurobiology of Disease</i> , 2017, 106, 124-132.	2.1	19
21	Development and Validation of Automated Magnetic Resonance Parkinsonism Index 2.0 to Distinguish Progressive Supranuclear Palsy from Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 1272-1281.	2.2	17
22	Magnetic Resonance Imaging and Neurofilament Light in the Differentiation of Parkinsonism. <i>Movement Disorders</i> , 2020, 35, 1388-1395.	2.2	15
23	Multimodal neuroimaging and behavioral assessment of $\alpha$ -synuclein polymorphism rs356219 in older adults. <i>Neurobiology of Aging</i> , 2018, 66, 32-39.	1.5	8
24	Diffusion Magnetic Resonance Imaging Detects Progression in Parkinson's Disease: A Placebo-Controlled Trial of Rasagiline. <i>Movement Disorders</i> , 2022, 37, 325-333.	2.2	7
25	Sensory and motor cortex function contributes to symptom severity in spinocerebellar ataxia type 6. <i>Brain Structure and Function</i> , 2017, 222, 1039-1052.	1.2	6
26	Temporal Invariance in SCA6 Is Related to Smaller Cerebellar Lobule VI and Greater Disease Severity. <i>Journal of Neuroscience</i> , 2020, 40, 1722-1731.	1.7	5
27	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , 2018, 141, e48-e48.	3.7	3