

# Roxana G Burciu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26  
papers

747  
citations

17  
h-index

27  
g-index

27  
ext. papers

1,034  
ext. citations

7.4  
avg, IF

3.94  
L-index

#	Paper	IF	Citations
26	Free-water imaging in Parkinsons disease and atypical parkinsonism. <i>Brain</i> , <b>2016</b> , 139, 495-508	11.2	115
25	Longitudinal changes in free-water within the substantia nigra of Parkinsons disease. <i>Brain</i> , <b>2015</b> , 138, 2322-31	11.2	114
24	Progression marker of Parkinsons disease: a 4-year multi-site imaging study. <i>Brain</i> , <b>2017</b> , 140, 2183-2192	11.2	80
23	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , <b>2018</b> , 141, 472-485	11.2	40
22	Subthalamic nucleus--sensorimotor cortex functional connectivity in de novo and moderate Parkinsons disease. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 462-9	5.6	34
21	Free water improves detection of changes in the substantia nigra in parkinsonism: A multisite study. <i>Movement Disorders</i> , <b>2017</b> , 32, 1457-1464	7	34
20	Distinct patterns of brain activity in progressive supranuclear palsy and Parkinsons disease. <i>Movement Disorders</i> , <b>2015</b> , 30, 1248-58	7	34
19	Imaging of Motor Cortex Physiology in Parkinsons Disease. <i>Movement Disorders</i> , <b>2018</b> , 33, 1688-1699	7	33
18	Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 4563-4573	5.9	29
17	Functional MRI of disease progression in Parkinson disease and atypical parkinsonian syndromes. <i>Neurology</i> , <b>2016</b> , 87, 709-17	6.5	28
16	Development and Validation of the Automated Imaging Differentiation in Parkinsonism (AID-P): A Multi-Site Machine Learning Study. <i>The Lancet Digital Health</i> , <b>2019</b> , 1, e222-e231	14.4	27
15	Multimodal dopaminergic and free-water imaging in Parkinsons disease. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 62, 10-15	3.6	24
14	Storage of a naturally acquired conditioned response is impaired in patients with cerebellar degeneration. <i>Brain</i> , <b>2013</b> , 136, 2063-76	11.2	22
13	Automated MRI Classification in Progressive Supranuclear Palsy: A Large International Cohort Study. <i>Movement Disorders</i> , <b>2020</b> , 35, 976-983	7	20
12	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> , <b>2018</b> , 19, 559-571	5.3	20
11	Parkinsons disease diffusion MRI is not affected by acute antiparkinsonian medication. <i>NeuroImage: Clinical</i> , <b>2017</b> , 14, 417-421	5.3	19
10	Free-water and BOLD imaging changes in Parkinsons disease patients chronically treated with a MAO-B inhibitor. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2894-903	5.9	19

9	A New MRI Measure to Early Differentiate Progressive Supranuclear Palsy From De Novo Parkinsons Disease in Clinical Practice: An International Study. <i>Movement Disorders</i> , <b>2021</b> , 36, 681-689	7	11
8	Longitudinal Progression Markers of Parkinsons Disease: Current View on Structural Imaging. <i>Current Neurology and Neuroscience Reports</i> , <b>2018</b> , 18, 83	6.6	10
7	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> , <b>2017</b> , 106, 124-132	7.5	9
6	Magnetic Resonance Imaging and Neurofilament Light in the Differentiation of Parkinsonism. <i>Movement Disorders</i> , <b>2020</b> , 35, 1388-1395	7	8
5	Multimodal neuroimaging and behavioral assessment of $\beta$ synuclein polymorphism rs356219 in older adults. <i>Neurobiology of Aging</i> , <b>2018</b> , 66, 32-39	5.6	5
4	Sensory and motor cortex function contributes to symptom severity in spinocerebellar ataxia type 6. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1039-1052	4	5
3	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , <b>2018</b> , 141, e48	11.2	3
2	Temporal Invariance in SCA6 Is Related to Smaller Cerebellar Lobule VI and Greater Disease Severity. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 1722-1731	6.6	2
1	Development and Validation of Automated Magnetic Resonance Parkinsonism Index 2.0 to Distinguish Progressive Supranuclear Palsy-Parkinsonism From Parkinsons Disease.. <i>Movement Disorders</i> , <b>2022</b> ,	7	2