

# Barbara Segura

## List of Publications by Year in Descending Order

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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.

78  
papers

3,642  
citations

35  
h-index

59  
g-index

88  
ext. papers

4,486  
ext. citations

4.8  
avg, IF

5.19  
L-index

#	Paper	IF	Citations
78	Sex Differences in Brain and Cognition in Parkinson's Disease.. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 791532	5.3	2
77	Individual variations in brain age relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , <b>2021</b> , 10,	8.9	11
76	Alterations in Brain Network Organization in Adults With Obesity as Compared With Healthy-Weight Individuals and Seniors. <i>Psychosomatic Medicine</i> , <b>2021</b> , 83, 700-706	3.7	2
75	Impaired Structural Connectivity in Parkinson's Disease Patients with Mild Cognitive Impairment: A Study Based on Probabilistic Tractography. <i>Brain Connectivity</i> , <b>2021</b> , 11, 380-392	2.7	2
74	Hierarchical cluster analysis of multimodal imaging data identifies brain atrophy and cognitive patterns in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 82, 16-23	3.6	10
73	Sex differences in brain atrophy and cognitive impairment in Parkinson's disease patients with and without probable rapid eye movement sleep behavior disorder. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	3
72	Structural and functional magnetic resonance imaging in isolated REM sleep behavior disorder: A systematic review of studies using neuroimaging software. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 59, 101495	10.2	8
71	Disrupted functional connectivity in PD with probable RBD and its cognitive correlates.. <i>Scientific Reports</i> , <b>2021</b> , 11, 24351	4.9	0
70	Inflammatory agents partially explain associations between cortical thickness, surface area, and body mass in adolescents and young adulthood. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 1487-1496	5.5	8
69	Disruption of posterior brain functional connectivity and its relation to cognitive impairment in idiopathic REM sleep behavior disorder. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102138	5.3	15
68	S245. BRAIN CONNECTIVITY CHANGES AFTER COGNITIVE REMEDIATION: A RESTING-STATE STUDY. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S132-S132	1.3	78
67	Cortical gray matter progression in idiopathic REM sleep behavior disorder and its relation to cognitive decline. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102421	5.3	4
66	Cognitive remediation and brain connectivity: A resting-state fMRI study in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2020</b> , 303, 111140	2.9	4
65	Neuroanatomical and Functional Correlates of Cognitive and Affective Empathy in Young Healthy Adults. <i>Frontiers in Behavioral Neuroscience</i> , <b>2019</b> , 13, 85	3.5	12
64	Disrupted structural connectivity of fronto-deep gray matter pathways in progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101899	5.3	7
63	Comparing the accuracy and neuroanatomical correlates of the UPSIT-40 and the Sniffin-TSticks test in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 65, 197-202	3.6	10
62	Progression of Parkinson's disease patients'subtypes based on cortical thinning: 4-year follow-up. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 64, 286-292	3.6	15

61	Cortical Gray Matter and Hippocampal Atrophy in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 312	4.1	14
60	Diagnostic Accuracy, Item Analysis and Age Effects of the UPSIT Spanish Version in Parkinson's Disease. <i>Archives of Clinical Neuropsychology</i> , <b>2019</b> , 34, 435-444	2.7	4
59	Differentiation of multiple system atrophy from Parkinson's disease by structural connectivity derived from probabilistic tractography. <i>Scientific Reports</i> , <b>2019</b> , 9, 16488	4.9	9
58	Cerebellar resting-state functional connectivity in Parkinson's disease and multiple system atrophy: Characterization of abnormalities and potential for differential diagnosis at the single-patient level. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101720	5.3	13
57	Statistical inference in brain graphs using threshold-free network-based statistics. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2289-2302	5.9	28
56	Cortical atrophy patterns in early Parkinson's disease patients using hierarchical cluster analysis. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 50, 3-9	3.6	29
55	Factors associated with poor functional outcome in bipolar disorder: sociodemographic, clinical, and neurocognitive variables. <i>Acta Psychiatrica Scandinavica</i> , <b>2018</b> , 138, 145-154	6.5	36
54	Structural Brain Correlations of Visuospatial and Visuo-perceptual Tests in Parkinson's Disease. <i>Journal of the International Neuropsychological Society</i> , <b>2018</b> , 24, 33-44	3.1	16
53	Gray/White Matter Contrast in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 89	5.3	5
52	The Neural Correlates of Self-Regulatory Fatigability During Inhibitory Control of Eye Blinking. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , <b>2018</b> , 30, 325-333	2.7	4
51	Cortical thinning correlates of changes in visuospatial and visuo-perceptual performance in Parkinson's disease: A 4-year follow-up. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 46, 62-68	3.6	36
50	Allostatic load and disordered white matter microstructure in overweight adults. <i>Scientific Reports</i> , <b>2018</b> , 8, 15898	4.9	6
49	Differential Progression of Regional Hippocampal Atrophy in Aging and Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 325	5.3	12
48	Do patients with bipolar disorder and subsyndromal symptoms benefit from functional remediation? A 12-month follow-up study. <i>European Neuropsychopharmacology</i> , <b>2017</b> , 27, 350-359	1.2	21
47	Brain correlates of progressive olfactory loss in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 41, 44-50	3.6	22
46	Discriminating cognitive status in Parkinson's disease through functional connectomics and machine learning. <i>Scientific Reports</i> , <b>2017</b> , 7, 45347	4.9	58
45	Neuroimaging studies of cognitive remediation in schizophrenia: A systematic and critical review. <i>World Journal of Psychiatry</i> , <b>2017</b> , 7, 34-43	3	23
44	Allostatic Load Is Linked to Cortical Thickness Changes Depending on Body-Weight Status. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 639	3.3	16

43	Functional remediation in bipolar disorder: 1-year follow-up of neurocognitive and functional outcome. <i>British Journal of Psychiatry</i> , <b>2016</b> , 208, 87-93	5.4	71
42	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158867	3.7	21
41	Cognitive reserve in bipolar disorder: relation to cognition, psychosocial functioning and quality of life. <i>Acta Psychiatrica Scandinavica</i> , <b>2016</b> , 133, 386-98	6.5	77
40	Effects of functional remediation on neurocognitively impaired bipolar patients: enhancement of verbal memory. <i>Psychological Medicine</i> , <b>2016</b> , 46, 291-301	6.9	30
39	Nigral and striatal connectivity alterations in asymptomatic LRRK2 mutation carriers: A magnetic resonance imaging study. <i>Movement Disorders</i> , <b>2016</b> , 31, 1820-1828	7	37
38	Patterns of cortical thinning in nondemented Parkinson's disease patients. <i>Movement Disorders</i> , <b>2016</b> , 31, 699-708	7	48
37	Affected connectivity organization of the reward system structure in obesity. <i>NeuroImage</i> , <b>2015</b> , 111, 100-6	7.9	34
36	Correlates of cerebrospinal fluid levels of oligomeric- and total- $\beta$ -synuclein in premotor, motor and dementia stages of Parkinson's disease. <i>Journal of Neurology</i> , <b>2015</b> , 262, 294-306	5.5	68
35	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 233, 331-8	2.9	61
34	Rich Club Organization and Cognitive Performance in Healthy Older Participants. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 1801-10	3.1	41
33	A Multisite, Randomized Controlled Clinical Trial of Computerized Cognitive Remediation Therapy for Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 1387-96	1.3	30
32	Salience network and parahippocampal dopamine dysfunction in memory-impaired Parkinson disease. <i>Annals of Neurology</i> , <b>2015</b> , 77, 269-80	9.4	62
31	Functional remediation for patients with bipolar II disorder: improvement of functioning and subsyndromal symptoms. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 257-64	1.2	39
30	Cognitive impairment and resting-state network connectivity in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 199-212	5.9	197
29	Imaging changes associated with cognitive abnormalities in Parkinson's disease. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 2249-61	4	35
28	Resting-state functional brain networks in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , <b>2015</b> , 21, 793-801	6.8	35
27	Similar striatal D2/D3 dopamine receptor availability in adults with Tourette syndrome compared with healthy controls: A [(11) C]-(+)-PHNO and [(11) C]raclopride positron emission tomography imaging study. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2592-601	5.9	14
26	Resting-state frontostriatal functional connectivity in Parkinson's disease-related apathy. <i>Movement Disorders</i> , <b>2015</b> , 30, 671-9	7	72

25	Influence of social cognition on daily functioning in schizophrenia: study of incremental validity and mediational effects. <i>Psychiatry Research</i> , <b>2015</b> , 225, 374-80	9.9	22
24	Combined insular and striatal dopamine dysfunction are associated with executive deficits in Parkinson's disease with mild cognitive impairment. <i>Brain</i> , <b>2014</b> , 137, 565-75	11.2	98
23	Functional brain networks and cognitive deficits in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 4620-34	5.9	156
22	Cortical thinning associated with mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , <b>2014</b> , 29, 1495-503	7	80
21	The interaction effect between BDNF val66met polymorphism and obesity on executive functions and frontal structure. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2014</b> , 165B, 245-53	3.5	22
20	Verbal memory as a mediator in the relationship between subthreshold depressive symptoms and functional outcome in bipolar disorder. <i>Journal of Affective Disorders</i> , <b>2014</b> , 160, 50-4	6.6	54
19	Parkinson's disease mild cognitive impairment: application and validation of the criteria. <i>Journal of Parkinson's Disease</i> , <b>2014</b> , 4, 131-7	5.3	42
18	Structural MRI correlates of the MMSE and pentagon copying test in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2014</b> , 20, 1405-10	3.6	26
17	Alterations of the salience network in obesity: a resting-state fMRI study. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 2786-97	5.9	137
16	Frontal cortical thinning and subcortical volume reductions in early adulthood obesity. <i>Psychiatry Research - Neuroimaging</i> , <b>2013</b> , 214, 109-15	2.9	76
15	Neuroanatomical correlates of olfactory loss in normal aged subjects. <i>Behavioural Brain Research</i> , <b>2013</b> , 246, 148-53	3.4	48
14	Processing of primary and secondary rewards: a quantitative meta-analysis and review of human functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 681-96	9	448
13	Morphometric correlation of impulsivity in medial prefrontal cortex. <i>Brain Topography</i> , <b>2013</b> , 26, 479-87	4.3	99
12	Functional connectivity in obesity during reward processing. <i>NeuroImage</i> , <b>2013</b> , 66, 232-9	7.9	38
11	Neural responses to visual food cues: insights from functional magnetic resonance imaging. <i>European Eating Disorders Review</i> , <b>2013</b> , 21, 89-98	5.3	112
10	Efficacy of functional remediation in bipolar disorder: a multicenter randomized controlled study. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 852-9	11.9	211
9	Progressive changes in a recognition memory network in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 370-8	5.5	11
8	Functional imaging of dopaminergic neurotransmission in Tourette syndrome. <i>International Review of Neurobiology</i> , <b>2013</b> , 112, 73-93	4.4	22

7	Structural correlates of facial emotion recognition deficits in Parkinson's disease patients. <i>Neuropsychologia</i> , <b>2012</b> , 50, 2121-8	3.2	84
6	Progression of cortical thinning in early Parkinson's disease. <i>Movement Disorders</i> , <b>2012</b> , 27, 1746-53	7	82
5	Dopamine genes (DRD2/ANKK1-TaqA1 and DRD4-7R) and executive function: their interaction with obesity. <i>PLoS ONE</i> , <b>2012</b> , 7, e41482	3.7	51
4	Dysfunctions of cerebral networks precede recognition memory deficits in early Parkinson's disease. <i>NeuroImage</i> , <b>2011</b> , 57, 589-97	7.9	42
3	White matter fractional anisotropy is related to processing speed in metabolic syndrome patients: a case-control study. <i>BMC Neurology</i> , <b>2010</b> , 10, 64	3.1	30
2	Microstructural white matter changes in metabolic syndrome: a diffusion tensor imaging study. <i>Neurology</i> , <b>2009</b> , 73, 438-44	6.5	70
1	Mental slowness and executive dysfunctions in patients with metabolic syndrome. <i>Neuroscience Letters</i> , <b>2009</b> , 462, 49-53	3.3	62