

Barbara Segura

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

4,983
citations

81900

39
h-index

98798

67
g-index

88
all docs

88
docs citations

88
times ranked

7356
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 269, 1591-1599.	3.6	19
2	Parameters from site classification to harmonize <scp>MRI</scp> clinical studies: Application to a multi-site Parkinson's disease dataset. <i>Human Brain Mapping</i> , 2022, 43, 3130-3142.	3.6	7
3	Brain atrophy pattern in de novo Parkinson's disease with probable RBD associated with cognitive impairment. <i>Npj Parkinson's Disease</i> , 2022, 8, .	5.3	9
4	Hierarchical cluster analysis of multimodal imaging data identifies brain atrophy and cognitive patterns in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2021, 82, 16-23.	2.2	32
5	Alterations in Brain Network Organization in Adults With Obesity as Compared With Healthy-Weight Individuals and Seniors. <i>Psychosomatic Medicine</i> , 2021, 83, 700-706.	2.0	4
6	Impaired Structural Connectivity in Parkinson's Disease Patients with Mild Cognitive Impairment: A Study Based on Probabilistic Tractography. <i>Brain Connectivity</i> , 2021, 11, 380-392.	1.7	10
7	Differentiation of multiple system atrophy subtypes by gray matter atrophy. <i>Journal of Neuroimaging</i> , 2021, . .	2.0	4
8	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> , 2021, 59, 101495.	8.5	33
9	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021, 10, .	6.0	71
10	Sex Differences in Brain and Cognition in de novo Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 791532.	3.4	19
11	Disrupted functional connectivity in PD with probable RBD and its cognitive correlates. <i>Scientific Reports</i> , 2021, 11, 24351.	3.3	8
12	Dementia with Lewy bodies subtypes identified by cluster analysis on structural MRI. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
13	Disruption of posterior brain functional connectivity and its relation to cognitive impairment in idiopathic REM sleep behavior disorder. <i>NeuroImage: Clinical</i> , 2020, 25, 102138.	2.7	41
14	S245. BRAIN CONNECTIVITY CHANGES AFTER COGNITIVE REMEDIATION: A RESTING-STATE STUDY. <i>Schizophrenia Bulletin</i> , 2020, 46, S132-S132.	4.3	0
15	Cortical gray matter progression in idiopathic REM sleep behavior disorder and its relation to cognitive decline. <i>NeuroImage: Clinical</i> , 2020, 28, 102421.	2.7	17
16	Cognitive remediation and brain connectivity: A resting-state fMRI study in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2020, 303, 111140.	1.8	10
17	Inflammatory agents partially explain associations between cortical thickness, surface area, and body mass in adolescents and young adulthood. <i>International Journal of Obesity</i> , 2020, 44, 1487-1496.	3.4	21
18	Diagnostic Accuracy, Item Analysis and Age Effects of the UPSIT Spanish Version in Parkinson's Disease. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 435-444.	0.5	8

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19	Differentiation of multiple system atrophy from Parkinson's disease by structural connectivity derived from probabilistic tractography. <i>Scientific Reports</i> , 2019, 9, 16488.	3.3	25
20	Neuroanatomical and Functional Correlates of Cognitive and Affective Empathy in Young Healthy Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 85.	2.0	25
21	Disrupted structural connectivity of fronto-deep gray matter pathways in progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , 2019, 23, 101899.	2.7	11
22	Comparing the accuracy and neuroanatomical correlates of the UPSIT-40 and the Sniffin's Sticks test in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 197-202.	2.2	16
23	Progression of Parkinson's disease patients' subtypes based on cortical thinning: 4-year follow-up. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 286-292.	2.2	27
24	Cortical Gray Matter and Hippocampal Atrophy in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , 2019, 10, 312.	2.4	31
25	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> , 2019, 22, 101720.	2.7	34
26	Statistical inference in brain graphs using threshold-free network-based statistics. <i>Human Brain Mapping</i> , 2018, 39, 2289-2302.	3.6	53
27	Cortical atrophy patterns in early Parkinson's disease patients using hierarchical cluster analysis. <i>Parkinsonism and Related Disorders</i> , 2018, 50, 3-9.	2.2	57
28	Factors associated with poor functional outcome in bipolar disorder: sociodemographic, clinical, and neurocognitive variables. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 145-154.	4.5	60
29	Structural Brain Correlations of Visuospatial and Visuo-perceptual Tests in Parkinson's Disease. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 33-44.	1.8	25
30	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> , 2018, 46, 62-68.	2.2	51
31	Allostatic load and disordered white matter microstructure in overweight adults. <i>Scientific Reports</i> , 2018, 8, 15898.	3.3	15
32	Differential Progression of Regional Hippocampal Atrophy in Aging and Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 325.	3.4	26
33	Gray/White Matter Contrast in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 89.	3.4	7
34	The Neural Correlates of Self-Regulatory Fatigability During Inhibitory Control of Eye Blinking. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 325-333.	1.8	6
35	Do patients with bipolar disorder and subsyndromal symptoms benefit from functional remediation? A 12-month follow-up study. <i>European Neuropsychopharmacology</i> , 2017, 27, 350-359.	0.7	26
36	Brain correlates of progressive olfactory loss in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 41, 44-50.	2.2	32

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37	Discriminating cognitive status in Parkinson's disease through functional connectomics and machine learning. <i>Scientific Reports</i> , 2017, 7, 45347.	3.3	88
38	Allostatic Load Is Linked to Cortical Thickness Changes Depending on Body-Weight Status. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 639.	2.0	22
39	Neuroimaging studies of cognitive remediation in schizophrenia: A systematic and critical review. <i>World Journal of Psychiatry</i> , 2017, 7, 34.	2.7	32
40	Cognitive reserve in bipolar disorder: relation to cognition, psychosocial functioning and quality of life. <i>Acta Psychiatrica Scandinavica</i> , 2016, 133, 386-398.	4.5	103
41	Effects of functional remediation on neurocognitively impaired bipolar patients: enhancement of verbal memory. <i>Psychological Medicine</i> , 2016, 46, 291-301.	4.5	43
42	Nigral and striatal connectivity alterations in asymptomatic <i>LRRK2</i> mutation carriers: A magnetic resonance imaging study. <i>Movement Disorders</i> , 2016, 31, 1820-1828.	3.9	45
43	Patterns of cortical thinning in nondemented Parkinson's disease patients. <i>Movement Disorders</i> , 2016, 31, 699-708.	3.9	71
44	Functional remediation in bipolar disorder: 1-year follow-up of neurocognitive and functional outcome. <i>British Journal of Psychiatry</i> , 2016, 208, 87-93.	2.8	95
45	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. <i>PLoS ONE</i> , 2016, 11, e0158867.	2.5	35
46	Resting-state Functional Brain Networks in Parkinson's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 793-801.	3.9	48
47	Similar striatal D2/D3 dopamine receptor availability in adults with Tourette syndrome compared with healthy controls: A [¹¹ C]raclopride positron emission tomography imaging study. <i>Human Brain Mapping</i> , 2015, 36, 2592-2601.	3.6	17
48	Resting-state frontostriatal functional connectivity in Parkinson's disease-related apathy. <i>Movement Disorders</i> , 2015, 30, 671-679.	3.9	97
49	Influence of social cognition on daily functioning in schizophrenia: Study of incremental validity and mediational effects. <i>Psychiatry Research</i> , 2015, 225, 374-380.	3.3	26
50	Affected connectivity organization of the reward system structure in obesity. <i>NeuroImage</i> , 2015, 111, 100-106.	4.2	46
51	Correlates of cerebrospinal fluid levels of oligomeric- and total- α -synuclein in premotor, motor and dementia stages of Parkinson's disease. <i>Journal of Neurology</i> , 2015, 262, 294-306.	3.6	85
52	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 331-338.	1.8	75
53	Rich Club Organization and Cognitive Performance in Healthy Older Participants. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1801-1810.	2.3	53
54	A Multisite, Randomized Controlled Clinical Trial of Computerized Cognitive Remediation Therapy for Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 1387-1396.	4.3	37

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55	Saliency network and parahippocampal dopamine dysfunction in memory-impaired Parkinson disease. <i>Annals of Neurology</i> , 2015, 77, 269-280.	5.3	93
56	Functional remediation for patients with bipolar II disorder: Improvement of functioning and subsyndromal symptoms. <i>European Neuropsychopharmacology</i> , 2015, 25, 257-264.	0.7	52
57	Cognitive impairment and resting-state network connectivity in Parkinson's disease. <i>Human Brain Mapping</i> , 2015, 36, 199-212.	3.6	264
58	Imaging changes associated with cognitive abnormalities in Parkinson's disease. <i>Brain Structure and Function</i> , 2015, 220, 2249-2261.	2.3	41
59	Structural MRI correlates of the MMSE and pentagon copying test in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1405-1410.	2.2	31
60	Combined insular and striatal dopamine dysfunction are associated with executive deficits in Parkinson's disease with mild cognitive impairment. <i>Brain</i> , 2014, 137, 565-575.	7.6	116
61	Functional brain networks and cognitive deficits in Parkinson's disease. <i>Human Brain Mapping</i> , 2014, 35, 4620-4634.	3.6	189
62	Cortical thinning associated with mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 1495-1503.	3.9	100
63	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> , 2014, 165, 245-253.	1.7	32
64	Verbal memory as a mediator in the relationship between subthreshold depressive symptoms and functional outcome in bipolar disorder. <i>Journal of Affective Disorders</i> , 2014, 160, 50-54.	4.1	71
65	Parkinson's Disease Mild Cognitive Impairment: Application and Validation of the Criteria. <i>Journal of Parkinson's Disease</i> , 2014, 4, 131-137.	2.8	50
66	Alterations of the saliency network in obesity: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2786-2797.	3.6	167
67	Frontal cortical thinning and subcortical volume reductions in early adulthood obesity. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 109-115.	1.8	105
68	Neuroanatomical correlates of olfactory loss in normal aged subjects. <i>Behavioural Brain Research</i> , 2013, 246, 148-153.	2.2	69
69	Processing of primary and secondary rewards: A quantitative meta-analysis and review of human functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 681-696.	6.1	594
70	Morphometric Correlation of Impulsivity in Medial Prefrontal Cortex. <i>Brain Topography</i> , 2013, 26, 479-487.	1.8	119
71	Functional connectivity in obesity during reward processing. <i>NeuroImage</i> , 2013, 66, 232-239.	4.2	50
72	Neural Responses to Visual Food Cues: Insights from Functional Magnetic Resonance Imaging. <i>European Eating Disorders Review</i> , 2013, 21, 89-98.	4.1	138

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73	Efficacy of Functional Remediation in Bipolar Disorder: A Multicenter Randomized Controlled Study. <i>American Journal of Psychiatry</i> , 2013, 170, 852-859.	7.2	269
74	Progressive changes in a recognition memory network in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 370-378.	1.9	15
75	Functional Imaging of Dopaminergic Neurotransmission in Tourette Syndrome. <i>International Review of Neurobiology</i> , 2013, 112, 73-93.	2.0	25
76	Progression of cortical thinning in early Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 1746-1753.	3.9	104
77	Structural correlates of facial emotion recognition deficits in Parkinson's disease patients. <i>Neuropsychologia</i> , 2012, 50, 2121-2128.	1.6	110
78	Dopamine Genes (DRD2/ANKK1-TaqA1 and DRD4-7R) and Executive Function: Their Interaction with Obesity. <i>PLoS ONE</i> , 2012, 7, e41482.	2.5	72
79	Dysfunctions of cerebral networks precede recognition memory deficits in early Parkinson's disease. <i>NeuroImage</i> , 2011, 57, 589-597.	4.2	49
80	White matter fractional anisotropy is related to processing speed in metabolic syndrome patients: a case-control study. <i>BMC Neurology</i> , 2010, 10, 64.	1.8	33
81	Microstructural white matter changes in metabolic syndrome. <i>Neurology</i> , 2009, 73, 438-444.	1.1	87
82	Mental slowness and executive dysfunctions in patients with metabolic syndrome. <i>Neuroscience Letters</i> , 2009, 462, 49-53.	2.1	75