Marjan Jahanshahi

List of Publications by Year
in descending order

132 papers	9,602 citations	50276 46 h-index	39675 94 g-index
137 all docs	137 docs citations	137 times ranked	10424 citing authors

#	Article	IF	Citations
1	Self-initiated versus externally triggered movements. Brain, 1995, 118, 913-933.	7.6	980
2	How does Parkinson's disease affect quality of life? A comparison with quality of life in the general population. Movement Disorders, 2000, 15, 1112-1118.	3.9	438
3	Quality of life in Parkinson's disease: The relative importance of the symptoms. Movement Disorders, 2008, 23, 1428-1434.	3.9	427
4	A frontoâ€“striatoâ€“subthalamicâ€“pallidal network for goal-directed and habitual inhibition. Nature Reviews Neuroscience, 2015, 16, 719-732.	10.2	427
5	Caregiver-burden in parkinson's disease is closely associated with psychiatric symptoms, falls, and disability. Parkinsonism and Related Disorders, 2006, 12, 35-41.	2.2	419
6	Executive dysfunction in <scp>P</scp>arkinson's disease: A review. Journal of Neuropsychology, 2013, 7, 193-224.	1.4	387
7	Parkinsonâ€™s disease dementia: a neural networks perspective. Brain, 2015, 138, 1454-1476.	7.6	333
8	Short- and long-term survival and function of unilateral intrastriatal dopaminergic grafts in Parkinson's disease. Annals of Neurology, 1997, 42, 95-107.	5.3	331
9	Long-term Clinical Outcome of Fetal Cell Transplantation for Parkinson Disease. JAMA Neurology, 2014, 71, 83.	9.0	257
10	Motor symptoms in Parkinsonâ€™s disease: A unified framework. Neuroscience and Biobehavioral Reviews, 2016, 68, 727-740.	6.1	231
11	SIMPLE AND CHOICE REACTION TIME AND THE USE OF ADVANCE INFORMATION FOR MOTOR PREPARATION IN PARKINSON'S DISEASE. Brain, 1992, 115, 539-564.	7.6	201
12	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. NeuroImage, 2017, 158, 332-345.	4.2	197
13	Deficits in inhibitory control and conflict resolution on cognitive and motor tasks in Parkinsonâ€™s disease. Experimental Brain Research, 2011, 212, 371-384.	1.5	180
14	Dopaminergic modulation of striato-frontal connectivity during motor timing in Parkinson's disease. Brain, 2010, 133, 727-745.	7.6	171
15	Transcranial magnetic stimulation studies of cognition: an emerging field. Experimental Brain Research, 2000, 131, 1-9.	1.5	165
16	Bilateral globus pallidus stimulation for severe Tourette's syndrome: a double-blind, randomised crossover trial. Lancet Neurology, The, 2015, 14, 595-605.	10.2	155
17	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. NeuroImage: Clinical, 2018, 18, 130-142.	2.7	154
18	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. Biological Psychiatry, 2019, 85, 726-734.	1.3	152

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19	Long-term outcome of subthalamic nucleus deep brain stimulation for Parkinson's disease using an MRI-guided and MRI-verified approach. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 1419-1425.	1.9	151
20	Parkinson's <scp>D</scp>isease, the <scp>S</scp>ubthalamic <scp>N</scp>ucleus, <scp>I</scp>nhibition, and <scp>I</scp>mpulsivity. Movement Disorders, 2015, 30, 128-140.	3.9	147
21	The subthalamic nucleus is involved in successful inhibition in the stop-signal task: A local field potential study in Parkinson's disease. Experimental Neurology, 2013, 239, 1-12.	4.1	143
22	Global scales for cognitive screening in Parkinson's disease: Critique and recommendations. Movement Disorders, 2018, 33, 208-218.	3.9	138
23	The Substantia Nigra Pars Compacta and Temporal Processing. Journal of Neuroscience, 2006, 26, 12266-12273.	3.6	134
24	Quality of life in primary headache disorders: A review. Cephalalgia, 2016, 36, 67-91.	3.9	127
25	The right dorsolateral prefrontal cortex is essential in time reproduction: an investigation with repetitive transcranial magnetic stimulation. Experimental Brain Research, 2004, 158, 366-72.	1.5	117
26	Bilateral Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson Disease Dementia. JAMA Neurology, 2018, 75, 169.	9.0	112
27	Medication impairs probabilistic classification learning in Parkinson's disease. Neuropsychologia, 2010, 48, 1096-1103.	1.6	106
28	The subthalamic nucleus and inhibitory control: impact of subthalamotomy in Parkinsonâ€™s disease. Brain, 2014, 137, 1470-1480.	7.6	86
29	Semantic and Phonemic Verbal Fluency in Parkinsonâ€™s Disease: Influence of Clinical and Demographic Variables. Behavioural Neurology, 2012, 25, 111-118.	2.1	85
30	Quality of life in focal, segmental, and generalized dystonia. Movement Disorders, 2007, 22, 341-347.	3.9	84
31	Ventral tegmental area deep brain stimulation for refractory chronic cluster headache. Neurology, 2016, 86, 1676-1682.	1.1	82
32	Cognitive executive function in dystonia. Movement Disorders, 2003, 18, 1470-1481.	3.9	78
33	Executive dysfunction in Parkinson's disease is associated with altered pallidalâ€“frontal processing. NeuroImage, 2005, 25, 588-599.	4.2	78
34	Event-related potentials and cognition in Parkinsonâ€™s disease: An integrative review. Neuroscience and Biobehavioral Reviews, 2016, 71, 691-714.	6.1	77
35	Random number generation as an index of controlled processing.. Neuropsychology, 2006, 20, 391-399.	1.3	75
36	Effects of deep brain stimulation of the subthalamic nucleus on inhibitory and executive control over prepotent responses in Parkinson's disease. Frontiers in Systems Neuroscience, 2013, 7, 118.	2.5	73

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37	Value and Efficacy of Transcranial Direct Current Stimulation in the Cognitive Rehabilitation: A Critical Review Since 2000. Frontiers in Neuroscience, 2016, 10, 157.	2.8	73
38	Levodopa medication does not influence motor inhibition or conflict resolution in a conditional stop-signal task in Parkinsonâ€™s disease. Experimental Brain Research, 2011, 213, 435-445.	1.5	68
39	Response choice in Parkinson's disease. Brain, 1993, 116, 869-885.	7.6	67
40	STN Stimulation Alters Pallidalâ€"Frontal Coupling during Response Selection under Competition. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1173-1184.	4.3	67
41	Bilateral stimulation of the subthalamic nucleus has differential effects on reactive and proactive inhibition and conflict-induced slowing in Parkinsonâ€™s disease. Experimental Brain Research, 2013, 226, 451-462.	1.5	67
42	Motivation and movement: the effect of monetary incentive on performance speed. Experimental Brain Research, 2011, 209, 551-559.	1.5	55
43	Neuropsychological, neuropsychiatric, and quality of life issues in DBS for dystonia. Movement Disorders, 2011, 26, S63-78.	3.9	54
44	Perceived stigma in Spasmoic Torticollis. Movement Disorders, 2001, 16, 280-285.	3.9	53
45	Pallidal stimulation for primary generalised dystonia: effect on cognition, mood and quality of life. Journal of Neurology, 2014, 261, 164-173.	3.6	51
46	Contributions of the Basal Ganglia to Temporal Processing: Evidence from Parkinsonâ€™s Disease. Timing and Time Perception, 2014, 2, 87-127.	0.6	51
47	Inhibitory dysfunction contributes to some of the motor and non-motor symptoms of movement disorders and psychiatric disorders. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160198.	4.0	51
48	Longâ€term GPiâ€DBS improves motor features in myoclonusâ€dystonia and enhances social adjustment. Movement Disorders, 2019, 34, 87-94.	3.9	45
49	Patients' perceptions of life shift after deep brain stimulation for primary dystoniaâ€"A qualitative study. Movement Disorders, 2011, 26, 2101-2106.	3.9	44
50	The Neuropsychology of Cluster Headache: Cognition, Mood, Disability, and Quality of Life of Patients With Chronic and Episodic Cluster Headache. Headache, 2015, 55, 287-300.	3.9	44
51	GBA-Associated Parkinsonâ€™s Disease: Progression in a Deep Brain Stimulation Cohort. Journal of Parkinson's Disease, 2017, 7, 635-644.	2.8	44
52	Continuous Theta Burst Stimulation Over the Dorsolateral Prefrontal Cortex and the Pre-SMA Alter Drift Rate and Response Thresholds Respectively During Perceptual Decision-Making. Brain Stimulation, 2016, 9, 601-608.	1.6	40
53	Motor and Perceptual Timing in Parkinsonâ€™s Disease. Advances in Experimental Medicine and Biology, 2014, 829, 265-290.	1.6	40
54	Attention and cognition in bradykinetic-rigid syndromes: An event-related potential study. Annals of Neurology, 2001, 50, 567-573.	5.3	39

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55	Different effects of dopaminergic medication on perceptual decision-making in Parkinson's disease as a function of task difficulty and speedâ€“accuracy instructions. Neuropsychologia, 2015, 75, 577-587.	1.6	39
56	Bilateral nucleus basalis of Meynert deep brain stimulation for dementia with Lewy bodies: A randomised clinical trial. Brain Stimulation, 2020, 13, 1031-1039.	1.6	39
57	A gamma band specific role of the subthalamic nucleus in switching during verbal fluency tasks in Parkinsonâ€™s disease. Experimental Neurology, 2011, 232, 136-142.	4.1	37
58	<scp>l</scp>-Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. Movement Disorders, 2017, 32, 874-883.	3.9	37
59	Impact of Parkinson's disease on patients' adolescent and adult children. Parkinsonism and Related Disorders, 2004, 10, 391-397.	2.2	36
60	Movement-related potentials in Parkinsonâ€™s disease. Clinical Neurophysiology, 2016, 127, 2509-2519.	1.5	35
61	Subthalamic nucleus deep brain stimulation induces impulsive action when patients with Parkinsonâ€™s disease act under speed pressure. Experimental Brain Research, 2016, 234, 1837-1848.	1.5	35
62	Theta burst magnetic stimulation over the pre-supplementary motor area improves motor inhibition. Brain Stimulation, 2017, 10, 944-951.	1.6	35
63	Impaired automatic but intact volitional inhibition in primary tic disorders. Brain, 2020, 143, 906-919.	7.6	35
64	In Parkinsonâ€™s disease on a probabilistic Go/NoGo task deep brain stimulation of the subthalamic nucleus only interferes with withholding of the most prepotent responses. Experimental Brain Research, 2016, 234, 1133-1143.	1.5	34
65	Motivational modulation of bradykinesia in Parkinsonâ€™s disease off and on dopaminergic medication. Journal of Neurology, 2014, 261, 1080-1089.	3.6	32
66	The mode of movement selection. Experimental Brain Research, 1998, 120, 263-272.	1.5	31
67	Crystallized and fluid intelligence are predicted by microstructure of specific whiteâ€matter tracts. Human Brain Mapping, 2020, 41, 906-916.	3.6	31
68	The development and validation of the Cluster Headache Quality of life scale (CHQ). Journal of Headache and Pain, 2016, 17, 79.	6.0	28
69	What are people with Parkinson's disease really impaired on when it comes to making decisions? A meta-analysis of the evidence. Neuroscience and Biobehavioral Reviews, 2013, 37, 2836-2846.	6.1	27
70	Deciphering the impact of cerebellar and basal ganglia dysfunction in accuracy and variability of motor timing. Neuropsychologia, 2013, 51, 267-274.	1.6	27
71	The many facets of dopamine: Toward an integrative theory of the role of dopamine in managing the body's energy resources. Physiology and Behavior, 2018, 195, 128-141.	2.1	26
72	Modeling Accuracy and Variability of Motor Timing in Treated and Untreated Parkinsonâ€™s Disease and Healthy Controls. Frontiers in Integrative Neuroscience, 2011, 5, 81.	2.1	25

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73	Neuropsychological and Neuropsychiatric Features of Idiopathic and DYT1 Dystonia and the Impact of Medical and Surgical treatment. Archives of Clinical Neuropsychology, 2017, 32, 888-905.	0.5	25
74	Subthalamic nucleus gamma oscillations mediate a switch from automatic to controlled processing: A study of random number generation in Parkinson's disease. NeuroImage, 2013, 64, 284-289.	4.2	24
75	Cortical connectivity of the nucleus basalis of Meynert in Parkinsonâ€™s disease and Lewy body dementias. Brain, 2021, 144, 781-788.	7.6	24
76	Interrelations between cognitive dysfunction and motor symptoms of Parkinsonâ€™s disease: behavioral and neural studies. Reviews in the Neurosciences, 2016, 27, 535-548.	2.9	23
77	The cognitive features of idiopathic and DYT1 dystonia. Movement Disorders, 2017, 32, 1348-1355.	3.9	23
78	Dopaminergic medication alters auditory distractor processing in Parkinson's disease. Acta Psychologica, 2015, 156, 45-56.	1.5	22
79	Effect of Low versus High Frequency Subthalamic Deep Brain Stimulation on Speech Intelligibility and Verbal Fluency in Parkinsonâ€™s Disease: A Double-Blind Study. Journal of Parkinson's Disease, 2019, 9, 141-151.	2.8	22
80	Impairment of movement initiation and execution but not preparation in idiopathic dystonia. Experimental Brain Research, 2001, 140, 460-468.	1.5	20
81	Probing the timing network: A continuous theta burst stimulation study of temporal categorization. Neuroscience, 2017, 356, 167-175.	2.3	20
82	The role of dopamine in positive and negative prediction error utilization during incidental learning â€“ Insights from Positron Emission Tomography, Parkinson's disease and Huntington's disease. Cortex, 2017, 90, 149-162.	2.4	19
83	Cognitive rehabilitation, self-management, psychotherapeutic and caregiver support interventions in progressive neurodegenerative conditions: A scoping review. NeuroRehabilitation, 2019, 43, 443-471.	1.3	19
84	Reconfiguration of striatal connectivity for timing and action. Current Opinion in Behavioral Sciences, 2016, 8, 78-84.	3.9	18
85	Ventral tegmental area deep brain stimulation for chronic cluster headache: Effects on cognition, mood, pain report behaviour and quality of life. Cephalalgia, 2019, 39, 1099-1110.	3.9	18
86	Movement-related potentials prior to self-initiated movements are impaired in patients with schizophrenia and negative signs. Experimental Brain Research, 1999, 126, 545-555.	1.5	16
87	Deep brain stimulation of the subthalamic nucleus improves sense of wellâ€being in parkinson's disease. Movement Disorders, 2012, 27, 372-378.	3.9	16
88	Unilateral subthalamotomy in Parkinson's disease: Cognitive, psychiatric and neuroimaging changes. Cortex, 2017, 94, 39-48.	2.4	16
89	Ropinirole, a dopamine agonist with high D3 affinity, reduces proactive inhibition: A double-blind, placebo-controlled study in healthy adults. Neuropharmacology, 2020, 179, 108278.	4.1	14
90	A Causal Role for the Right Dorsolateral Prefrontal Cortex in Avoidance of Risky Choices and Making Advantageous Selections. Neuroscience, 2021, 458, 166-179.	2.3	14

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91	Central nervous system physiology. Clinical Neurophysiology, 2021, 132, 3043-3083.	1.5	12
92	Chapter 15 Reaction time as an index of motor preparation/programming and speed of response initiation. Handbook of Clinical Neurophysiology, 2003, 1, 203-229.	0.0	10
93	Health-Related Quality of Life Is Severely Affected in Primary Orthostatic Tremor. Frontiers in Neurology, 2017, 8, 747.	2.4	10
94	Dissociable effects of subthalamic nucleus deep brain stimulation surgery and acute stimulation on verbal fluency in Parkinsonâ€™s disease. Behavioural Brain Research, 2020, 388, 112621.	2.2	10
95	Motivational Modulation of Self-Initiated and Externally Triggered Movement Speed Induced by Threat of Shock: Experimental Evidence for Paradoxical Kinesis in Parkinsonâ€™s Disease. PLoS ONE, 2015, 10, e0135149.	2.5	10
96	Behavioral and psychiatric manifestations in dystonia. Advances in Neurology, 2005, 96, 291-319.	0.8	10
97	Load-Dependent Interference of Deep Brain Stimulation of the Subthalamic Nucleus with Switching from Automatic to Controlled Processing During Random Number Generation in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2015, 5, 321-331.	2.8	9
98	A preliminary investigation of the running digit span as a test of working memory. Behavioural Neurology, 2008, 20, 17-25.	2.1	9
99	The effects of dopaminergic medication on dynamic decision making in Parkinson's disease. Neuropsychologia, 2014, 53, 157-164.	1.6	8
100	In Parkinsonâ€™s disease STN stimulation enhances responsiveness of movement initiation speed to high reward value. Neuropsychologia, 2016, 89, 273-280.	1.6	8
101	Decision-making impairments in Parkinson's disease as a by-product of defective costâ€“benefit analysis and feedback processing. Neurodegenerative Disease Management, 2014, 4, 317-327.	2.2	7
102	Deep Brain Stimulation of the Subthalamic Nucleus Does Not Affect the Decrease of Decision Threshold during the Choice Process When There Is No Conflict, Time Pressure, or Reward. Journal of Cognitive Neuroscience, 2018, 30, 876-884.	2.3	7
103	Deep brain stimulation for psychiatric disorders: role of imaging in identifying/confirming DBS targets, predicting, and optimizing outcome and unravelling mechanisms of action. Psychoradiology, 2021, 1, 118-151.	2.3	7
104	The sensitivity to change of the cluster headache quality of life scale assessed before and after deep brain stimulation of the ventral tegmental area. Journal of Headache and Pain, 2021, 22, 52.	6.0	7
105	Editorial: Non-invasive Brain Stimulation in Neurology and Psychiatry. Frontiers in Neuroscience, 2016, 10, 574.	2.8	6
106	Optimizing psychosocial adjustment after deep brain stimulation of the subthalamic nucleus in Parkinson's disease. Movement Disorders, 2017, 32, 1155-1158.	3.9	6
107	Sensory function in cluster headache: an observational study comparing the symptomatic and asymptomatic sides. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 3363-3371.	2.2	6
108	Deep brain stimulation in the caudal zona incerta in patients with essential tremor: effects on cognition 1 year after surgery. Journal of Neurosurgery, 2021, 134, 208-215.	1.6	6

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109	Globus pallidal deep brain stimulation for Tourette syndrome: Effects on cognitive function. Parkinsonism and Related Disorders, 2019, 69, 14-18.	2.2	5
110	Short- and long-term cognitive effects of deep brain stimulation in the caudal zona incerta versus best medical treatment in patients with Parkinsonâ€™s disease. Journal of Neurosurgery, 2021, 134, 357-365.	1.6	5
111	Proactive inhibition is marked by differences in the pattern of motor cortex activity during movement preparation and execution. Journal of Neurophysiology, 2022, 127, 819-828.	1.8	5
112	Risky choices link the subthalamic nucleus with pathological gambling in Parkinson's disease. Movement Disorders, 2013, 28, 1617-1619.	3.9	4
113	The effects of deep brain stimulation of the pedunculopontine nucleus on cognition in Parkinson's disease and Progressive Supranuclear Palsy. Clinical Parkinsonism & Related Disorders, 2019, 1, 48-51.	0.9	4
114	The Lived Experiences of Deep Brain Stimulation in Parkinsonâ€™s Disease: An Interpretative Phenomenological Analysis. Parkinson's Disease, 2019, 2019, 1-7.	1.1	4
115	Inhibitory Control on a Stop Signal Task in Tourette Syndrome before and after Deep Brain Stimulation of the Internal Segment of the Globus Pallidus. Brain Sciences, 2021, 11, 461.	2.3	4
116	16â€…A randomised controlled trial of deep brain stimulation in obsessive compulsive disorder: a comparison of ventral capsule/ventral striatum and subthalamic nucleus targets. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, A8.2-A9.	1.9	3
117	Subthalamic Nucleus Stimulation Does Not Have Any Acute Effects on Verbal Fluency or on Speed of Word Generation in Parkinsonâ€™s Disease. Parkinson's Disease, 2019, 2019, 1-7.	1.1	3
118	Redefining the relationship between effort and reward: Choice-execution model of effort-based decisions. Behavioural Brain Research, 2020, 383, 112474.	2.2	3
119	Dopaminergic medication improves cognitive control under low cognitive demand in Parkinsonâ€™s disease.. Neuropsychology, 2020, 34, 551-559.	1.3	3
120	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. Focus (American Psychiatric Publishing), 2022, 20, 160-169.	0.8	3
121	Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson's Disease Dementia: A 36â€‰Months Follow Up Study. Movement Disorders Clinical Practice, 2022, 9, 765-774.	1.5	3
122	Enhanced Motivational Modulation of Motor Behaviour with Subthalamic Nucleus Deep Brain Stimulation in Parkinsonâ€™s Disease. Parkinson's Disease, 2019, 2019, 1-6.	1.1	2
123	STNâ€ÐBS Increases Proactive but Not Retroactive Interference During Verbal Learning in PD. Movement Disorders, 2021, 36, 1010-1015.	3.9	2
124	Effects on cognition of stereotactic lesional surgery for the treatment of tremor in multiple sclerosis. Behavioural Neurology, 2008, 20, 1-9.	2.1	2
125	The motor inhibitory network in patients with asymmetrical Parkinsonâ€™s disease: An fMRI study. Brain Imaging and Behavior, 2022, , 1.	2.1	2
126	Deep brain stimulation impairment scale (DBS-IS) may be of limited value. Parkinsonism and Related Disorders, 2017, 41, 132.	2.2	1

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127	Attention and cognition in bradykinetic-rigid syndromes: An event-related potential study. Annals of Neurology, 2001, 50, 567.	5.3	1
128	Flanker Task-Elicited Event-Related Potential Sources Reflect Human Recombinant Erythropoietin Differential Effects on Parkinsonâ€™s Patients. Parkinson's Disease, 2020, 2020, 1-10.	1.1	1
129	The Effects of Subthalamic Nucleus Deep Brain Stimulation in Parkinsonâ€™s Disease on Associative Learning of Verbal and Non-Verbal Information by Trial and Error or with Corrective Feedback. Journal of Parkinson's Disease, 2022, 12, 885-896.	2.8	1
130	Non-Motor Symptoms in Dystonia. , 0, , 68-74.		0
131	Neuropsychological Assessment. , 2020, , 127-143.		0
132	Executive function in dystonia. Advances in Neurology, 2004, 94, 203-9.	0.8	0