

# James M Shine

## 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.

152  
papers

5,587  
citations

44  
h-index

70  
g-index

178  
ext. papers

7,502  
ext. citations

6.4  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
152	Focal neural perturbations reshape low-dimensional trajectories of brain activity supporting cognitive performance.. <i>Nature Communications</i> , <b>2022</b> , 13, 4	17.4	1
151	Navigating a Complex Landscape: Using Transcriptomics to Parcellate the Human Cortex.. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2022</b> , 7, 3-4	3.4	
150	Narrow doorways alter brain connectivity and step patterns in isolated REM sleep behaviour disorder.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 33, 102958	5.3	1
149	Resting-state functional MRI-based connectivity <b>2022</b> , 207-222		
148	Dynamic network impairments underlie cognitive fluctuations in Lewy body dementia.. <i>Npj Parkinson's Disease</i> , <b>2022</b> , 8, 16	9.7	0
147	The ascending arousal system shapes neural dynamics to mediate awareness of cognitive states. <i>Nature Communications</i> , <b>2021</b> , 12, 6016	17.4	7
146	Neuropsychological evidence of multi-domain network hubs in the human thalamus. <i>ELife</i> , <b>2021</b> , 10,	8.9	4
145	Comparison of Locus Coeruleus Pathology with Nigral and Forebrain Pathology in Parkinson's Disease. <i>Movement Disorders</i> , <b>2021</b> , 36, 2085-2093	7	6
144	Computational models link cellular mechanisms of neuromodulation to large-scale neural dynamics. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 765-776	25.5	16
143	Anterior-posterior electrophysiological activity characterizes Parkinsonian visual misperceptions. <i>Neurology and Clinical Neuroscience</i> , <b>2021</b> , 9, 312-318	0.3	1
142	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , <b>2021</b> , 109, 1769-1775	13.9	10
141	The thalamus integrates the macrosystems of the brain to facilitate complex, adaptive brain network dynamics. <i>Progress in Neurobiology</i> , <b>2021</b> , 199, 101951	10.9	28
140	Neuromodulation of the mind-wandering brain state: the interaction between neuromodulatory tone, sharp wave-ripples and spontaneous thought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20190699	5.8	5
139	Assessing the significance of directed and multivariate measures of linear dependence between time series. <i>Physical Review Research</i> , <b>2021</b> , 3,	3.9	7
138	The ascending arousal system promotes optimal performance through mesoscale network integration in a visuospatial attentional task.. <i>Network Neuroscience</i> , <b>2021</b> , 5, 890-910	5.6	2
137	Modularity and multitasking in neuro-memristive reservoir networks. <i>Neuromorphic Computing and Engineering</i> , <b>2021</b> , 1, 014003		3
136	Brain state kinematics and the trajectory of task performance improvement. <i>NeuroImage</i> , <b>2021</b> , 243, 118510	7.9	1

135	Nonlinear reconfiguration of network edges, topology and information content during an artificial learning task. <i>Brain Informatics</i> , <b>2021</b> , 8, 26	5.9	0
134	The Neural Signature of Impaired Dual-Tasking in Idiopathic Rapid Eye Movement Sleep Behavior Disorder Patients. <i>Movement Disorders</i> , <b>2020</b> , 35, 1596-1606	7	5
133	Reducing the influence of intramodular connectivity in participation coefficient. <i>Network Neuroscience</i> , <b>2020</b> , 4, 416-431	5.6	5
132	Topological Properties of Neuromorphic Nanowire Networks. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 184	5.1	18
131	Dopamine and Functional Connectivity in Patients With Parkinson's Disease and Visual Hallucinations. <i>Movement Disorders</i> , <b>2020</b> , 35, 704-705	7	1
130	Time-varying nodal measures with temporal community structure: A cautionary note to avoid misinterpretation. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 2347-2356	5.9	6
129	Mind-wandering in Parkinson's disease hallucinations reflects primary visual and default network coupling. <i>Cortex</i> , <b>2020</b> , 125, 233-245	3.8	15
128	Shaking with fear: the role of noradrenaline in modulating resting tremor. <i>Brain</i> , <b>2020</b> , 143, 1288-1291	11.2	0
127	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. <i>Network Neuroscience</i> , <b>2020</b> , 4, 30-69	5.6	159
126	Nocturnal Hypoxemia Is Associated with Altered Parahippocampal Functional Brain Connectivity in Older Adults at Risk for Dementia. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 571-584	4.3	3
125	Core and matrix thalamic sub-populations relate to spatio-temporal cortical connectivity gradients. <i>NeuroImage</i> , <b>2020</b> , 222, 117224	7.9	19
124	A data resource from concurrent intracranial stimulation and functional MRI of the human brain. <i>Scientific Data</i> , <b>2020</b> , 7, 258	8.2	3
123	Diffuse neural coupling mediates complex network dynamics through the formation of quasi-critical brain states. <i>Nature Communications</i> , <b>2020</b> , 11, 6337	17.4	11
122	Cognitive fluctuations in Lewy body dementia: towards a pathophysiological framework. <i>Brain</i> , <b>2020</b> , 143, 31-46	11.2	20
121	The Human Intraparietal Sulcus Modulates Task-Evoked Functional Connectivity. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 875-887	5.1	3
120	Human cognition involves the dynamic integration of neural activity and neuromodulatory systems. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 289-296	25.5	182
119	Hippocampal atrophy and intrinsic brain network dysfunction relate to alterations in mind wandering in neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3316-3321	11.5	39
118	Neuromodulatory Influences on Integration and Segregation in the Brain. <i>Trends in Cognitive Sciences</i> , <b>2019</b> , 23, 572-583	14	56

117	Dopamine depletion alters macroscopic network dynamics in Parkinson's disease. <i>Brain</i> , <b>2019</b> , 142, 1024-1034	11.2	22
116	Transitions in information processing dynamics at the whole-brain network level are driven by alterations in neural gain. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006957	5	24
115	The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei. <i>Neuron</i> , <b>2019</b> , 104, 849-855.e3	13.9	38
114	Hitting the brakes: pathological subthalamic nucleus activity in Parkinson's disease gait freezing. <i>Brain</i> , <b>2019</b> , 142, 3906-3916	11.2	18
113	Identifying the neural correlates of doorway freezing in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2055-2064	5.9	26
112	Changes in structural network topology correlate with severity of hallucinatory behavior in Parkinson's disease. <i>Network Neuroscience</i> , <b>2019</b> , 3, 521-538	5.6	8
111	Neural correlates of emotional valence processing in Parkinson's disease: dysfunction in the subcortex. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 189-199	4.1	8
110	Frontoparietal Activity Interacts With Task-Evoked Changes in Functional Connectivity. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 802-813	5.1	8
109	Alterations in white matter network topology contribute to freezing of gait in Parkinson's disease. <i>Journal of Neurology</i> , <b>2018</b> , 265, 1353-1364	5.5	22
108	Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 4230-4242	6.6	66
107	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , <b>2018</b> , 374, 119-132	3.9	57
106	The functional network signature of heterogeneity in freezing of gait. <i>Brain</i> , <b>2018</b> , 141, 1145-1160	11.2	76
105	Current sleep disturbance in older people with a lifetime history of depression is associated with increased connectivity in the Default Mode Network. <i>Journal of Affective Disorders</i> , <b>2018</b> , 229, 85-94	6.6	12
104	Freezing of gait: Promising avenues for future treatment. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 52, 7-16	3.6	53
103	Principles of dynamic network reconfiguration across diverse brain states. <i>NeuroImage</i> , <b>2018</b> , 180, 396-405	10.5	106
102	Informant- and Self-Appraisals on the Psychosis and Hallucinations Questionnaire (PsychH-Q) Enhances Detection of Visual Hallucinations in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , <b>2018</b> , 5, 607-613	2.2	9
101	Catecholaminergic manipulation alters dynamic network topology across cognitive states. <i>Network Neuroscience</i> , <b>2018</b> , 2, 381-396	5.6	38
100	Evidence for subtypes of freezing of gait in Parkinson's disease. <i>Movement Disorders</i> , <b>2018</b> , 33, 1174-1178	7.8	42

99	025 The neural correlates of doorway freezing in parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, A10.3-A11	5.5	2
98	Cognitive training for freezing of gait in Parkinson's disease: a randomized controlled trial. <i>Npj Parkinson's Disease</i> , <b>2018</b> , 4, 15	9.7	43
97	The modulation of neural gain facilitates a transition between functional segregation and integration in the brain. <i>ELife</i> , <b>2018</b> , 7,	8.9	72
96	Predictions penetrate perception: Converging insights from brain, behaviour and disorder. <i>Consciousness and Cognition</i> , <b>2017</b> , 47, 63-74	2.6	97
95	Staircase climbing is not solely a visual compensation strategy to alleviate freezing of gait in Parkinson's disease. <i>Journal of Neurology</i> , <b>2017</b> , 264, 174-176	5.5	3
94	Retrospective Neuropsychological Profile of Patients With Parkinson Disease Prior to Developing Visual Hallucinations. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2017</b> , 30, 90-95	3.8	5
93	Using Virtual Reality to Advance the Understanding and Rehabilitation of Gait Impairments in Parkinson's Disease <b>2017</b> , 397-416		2
92	Dopamine depletion impairs gait automaticity by altering cortico-striatal and cerebellar processing in Parkinson's disease. <i>NeuroImage</i> , <b>2017</b> , 152, 207-220	7.9	60
91	Visual Hallucinations Are Characterized by Impaired Sensory Evidence Accumulation: Insights From Hierarchical Drift Diffusion Modeling in Parkinson's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 680-688	3.4	29
90	Striatal dysfunction during dual-task performance in Parkinson's disease. <i>Brain</i> , <b>2017</b> , 140, 1174-1177	11.2	1
89	Functional Connectivity in the Default Mode Network is Reduced in Association with Nocturnal Awakening in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 56, 1373-1384	4.3	16
88	Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 9667-9674	6.6	17
87	Subcortical contributions to large-scale network communication. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 71, 313-322	9	83
86	Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9888-91	11.5	119
85	Investigating motor initiation and inhibition deficits in patients with Parkinson's disease and freezing of gait using a virtual reality paradigm. <i>Neuroscience</i> , <b>2016</b> , 337, 153-162	3.9	19
84	Sleep disturbance in mild cognitive impairment is associated with alterations in the brain's default mode network. <i>Behavioral Neuroscience</i> , <b>2016</b> , 130, 305-15	2.1	18
83	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 1110-23	1.3	81
82	The Next Step: A Common Neural Mechanism for Freezing of Gait. <i>Neuroscientist</i> , <b>2016</b> , 22, 72-82	7.6	80

81	Cerebellar atrophy in Parkinson's disease and its implication for network connectivity. <i>Brain</i> , <b>2016</b> , 139, 845-55	11.2	73
80	Fair play: social norm compliance failures in behavioural variant frontotemporal dementia. <i>Brain</i> , <b>2016</b> , 139, 204-16	11.2	54
79	Computational specificity in the human brain. <i>Behavioral and Brain Sciences</i> , <b>2016</b> , 39, e131	0.9	1
78	Convergent evidence for top-down effects from the "predictive brain". <i>Behavioral and Brain Sciences</i> , <b>2016</b> , 39, e254	0.9	7
77	Dysfunction in attentional processing in patients with Parkinson's disease and visual hallucinations. <i>Journal of Neural Transmission</i> , <b>2016</b> , 123, 503-7	4.3	16
76	The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance. <i>Neuron</i> , <b>2016</b> , 92, 544-554	13.9	396
75	Analysis and Prediction of the Freezing of Gait Using EEG Brain Dynamics. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2015</b> , 23, 887-96	4.8	59
74	Estimating Large-Scale Network Convergence in the Human Functional Connectome. <i>Brain Connectivity</i> , <b>2015</b> , 5, 565-74	2.7	16
73	The 'Cognitions' index of the Parkinson's Disease Questionnaire-39 relates to sleep disturbance and hallucinations. <i>Parkinsonism and Related Disorders</i> , <b>2015</b> , 21, 349-50	3.6	
72	Imagine that: elevated sensory strength of mental imagery in individuals with Parkinson's disease and visual hallucinations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142047	4.4	49
71	Antisaccade errors reveal cognitive control deficits in Parkinson's disease with freezing of gait. <i>Journal of Neurology</i> , <b>2015</b> , 262, 2745-54	5.5	28
70	Estimation of dynamic functional connectivity using Multiplication of Temporal Derivatives. <i>NeuroImage</i> , <b>2015</b> , 122, 399-407	7.9	104
69	Does dominant pedunculo-pontine nucleus exist? Probably not. <i>Brain</i> , <b>2015</b> , 138, e346	11.2	2
68	Dopaminergic basis for impairments in functional connectivity across subdivisions of the striatum in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1278-91	5.9	54
67	The major impact of freezing of gait on quality of life in Parkinson's disease. <i>Journal of Neurology</i> , <b>2015</b> , 262, 108-15	5.5	80
66	Shaped by our thoughts--a new task to assess spontaneous cognition and its associated neural correlates in the default network. <i>Brain and Cognition</i> , <b>2015</b> , 93, 1-10	2.7	52
65	What matters to people with Parkinson's disease living in Australia?. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 338-41	2.2	5
64	Impaired cognitive control in Parkinson's disease patients with freezing of gait in response to cognitive load. <i>Journal of Neural Transmission</i> , <b>2015</b> , 122, 653-60	4.3	25

63	The relationships between mild cognitive impairment and phenotype in Parkinson's disease. <i>Npj Parkinson's Disease</i> , <b>2015</b> , 1, 15015	9.7	17
62	Abnormal connectivity between the default mode and the visual system underlies the manifestation of visual hallucinations in Parkinson's disease: a task-based fMRI study. <i>Npj Parkinson's Disease</i> , <b>2015</b> , 1, 15003	9.7	44
61	Brain activation underlying turning in Parkinson's disease patients with and without freezing of gait: a virtual reality fMRI study. <i>Npj Parkinson's Disease</i> , <b>2015</b> , 1, 15020	9.7	36
60	Validation of the Psychosis and Hallucinations Questionnaire in Non-demented Patients with Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , <b>2015</b> , 2, 175-181	2.2	17
59	Freezing of Gait and its Associations in the Early and Advanced Clinical Motor Stages of Parkinson's Disease: A Cross-Sectional Study. <i>Journal of Parkinson's Disease</i> , <b>2015</b> , 5, 881-91	5.3	19
58	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , <b>2015</b> , 6, 8885	17.4	237
57	An EEG study of turning freeze in Parkinson's disease patients: The alteration of brain dynamic on the motor and visual cortex. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 6618-21	0.9	14
56	Virtual reality walking and dopamine: opening new doorways to understanding freezing of gait in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 344, 182-5	3.2	17
55	Clarifying the role of neural networks in complex hallucinatory phenomena. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 11865-7	6.6	1
54	Abnormal patterns of theta frequency oscillations during the temporal evolution of freezing of gait in Parkinson's disease. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 569-76	4.3	69
53	Deficits in episodic memory retrieval reveal impaired default mode network connectivity in amnesic mild cognitive impairment. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 473-80	5.3	52
52	Neuropsychiatric symptoms in Parkinson's disease: fronto-striatal atrophy contributions. <i>Parkinsonism and Related Disorders</i> , <b>2014</b> , 20, 867-72	3.6	22
51	Tricks of the mind: Visual hallucinations as disorders of attention. <i>Progress in Neurobiology</i> , <b>2014</b> , 116, 58-65	10.9	117
50	Freezing beyond gait in Parkinson's disease: a review of current neurobehavioral evidence. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 43, 213-27	9	72
49	Early phenotypic differences between Parkinson's disease patients with and without freezing of gait. <i>Parkinsonism and Related Disorders</i> , <b>2014</b> , 20, 604-7	3.6	22
48	Temporal Characteristics of High-Frequency Lower-Limb Oscillation during Freezing of Gait in Parkinson's Disease. <i>Parkinson's Disease</i> , <b>2014</b> , 2014, 606427	2.6	9
47	Delegation to automaticity: the driving force for cognitive evolution?. <i>Frontiers in Neuroscience</i> , <b>2014</b> , 8, 90	5.1	12
46	Prediction of freezing of gait using analysis of brain effective connectivity. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2014</b> , 2014, 4119-22	0.9	4

45	Freezing of gait in Parkinson's disease: current treatments and the potential role for cognitive training. <i>Restorative Neurology and Neuroscience</i> , <b>2014</b> , 32, 411-22	2.8	35
44	Visual hallucinations in Parkinson's disease: theoretical models. <i>Movement Disorders</i> , <b>2014</b> , 29, 1591-8	7	47
43	The role of dysfunctional attentional control networks in visual misperceptions in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 2206-19	5.9	83
42	Hallucinogenic mechanisms: pathological and pharmacological insights <b>2014</b> , 119-149		6
41	Autonomous identification of freezing of gait in Parkinson's disease from lower-body segmental accelerometry. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2013</b> , 10, 19	5.3	121
40	Attentional set-shifting deficits correlate with the severity of freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2013</b> , 19, 388-90	3.6	50
39	Using virtual reality to explore the role of conflict resolution and environmental salience in freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2013</b> , 19, 937-42	3.6	47
38	Freezing of gait in Parkinson's disease is associated with functional decoupling between the cognitive control network and the basal ganglia. <i>Brain</i> , <b>2013</b> , 136, 3671-81	11.2	170
37	Clinical assessment of freezing of gait in Parkinson's disease from computer-generated animation. <i>Gait and Posture</i> , <b>2013</b> , 38, 326-9	2.6	22
36	The differential yet concurrent contributions of motor, cognitive and affective disturbance to freezing of gait in Parkinson's disease. <i>Clinical Neurology and Neurosurgery</i> , <b>2013</b> , 115, 542-5	2	18
35	A novel bedside task to tap inhibitory dysfunction and fronto-striatal atrophy in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2013</b> , 19, 827-30	3.6	11
34	Modeling freezing of gait in Parkinson's disease with a virtual reality paradigm. <i>Gait and Posture</i> , <b>2013</b> , 38, 104-8	2.6	42
33	Exploring the cortical and subcortical functional magnetic resonance imaging changes associated with freezing in Parkinson's disease. <i>Brain</i> , <b>2013</b> , 136, 1204-15	11.2	156
32	Using EEG spatial correlation, cross frequency energy, and wavelet coefficients for the prediction of Freezing of Gait in Parkinson's Disease patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2013</b> , 2013, 4263-6	0.9	15
31	Fronto-striatal gray matter contributions to discrimination learning in Parkinson's disease. <i>Frontiers in Computational Neuroscience</i> , <b>2013</b> , 7, 180	3.5	10
30	The role of frontostriatal impairment in freezing of gait in Parkinson's disease. <i>Frontiers in Systems Neuroscience</i> , <b>2013</b> , 7, 61	3.5	62
29	Differential neural activation patterns in patients with Parkinson's disease and freezing of gait in response to concurrent cognitive and motor load. <i>PLoS ONE</i> , <b>2013</b> , 8, e52602	3.7	86
28	Variability of Stepping during a Virtual Reality Paradigm in Parkinson's Disease Patients with and without Freezing of Gait. <i>PLoS ONE</i> , <b>2013</b> , 8, e66718	3.7	27



27	Investigating visual misperceptions in Parkinson's disease: a novel behavioral paradigm. <i>Movement Disorders</i> , <b>2012</b> , 27, 500-5	7	32
26	The detection of Freezing of Gait in Parkinson's disease patients using EEG signals based on Wavelet decomposition. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 69-72	0.9	46
25	Assessing the utility of Freezing of Gait Questionnaires in Parkinson's Disease. <i>Parkinsonism and Related Disorders</i> , <b>2012</b> , 18, 25-9	3.6	76
24	A comparison of clinical and objective measures of freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2012</b> , 18, 572-7	3.6	71
23	Anterior cingulate integrity: executive and neuropsychiatric features in Parkinson's disease. <i>Movement Disorders</i> , <b>2012</b> , 27, 1262-7	7	37
22	Utilising functional MRI (fMRI) to explore the freezing phenomenon in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 807-10	2.2	31
21	The pathophysiological mechanisms underlying freezing of gait in Parkinson's Disease. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 1154-7	2.2	58
20	How well do caregivers detect mild cognitive change in Parkinson's disease?. <i>Movement Disorders</i> , <b>2011</b> , 26, 161-4	7	23
19	Neuropsychological functioning in Parkinson's disease: differential relationships with self-reported sleep-wake disturbances. <i>Movement Disorders</i> , <b>2011</b> , 26, 1537-41	7	38
18	The specific contributions of set-shifting to freezing of gait in Parkinson's disease. <i>Movement Disorders</i> , <b>2010</b> , 25, 1000-4	7	151
17	Synchrony in capture dates suggests cryptic social organization in sea snakes ( <i>Emydocephalus annulatus</i> , Hydrophiidae). <i>Austral Ecology</i> , <b>2005</b> , 30, 805-811	1.5	18
16	It's about time: Linking dynamical systems with human neuroimaging to understand the brain. <i>Network Neuroscience</i> , 1-54	5.6	1
15	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex		3
14	On the nature of time-varying functional connectivity in resting fMRI		14
13	Transitions in brain-network level information processing dynamics are driven by alterations in neural gain		1
12	The identification of temporal communities through trajectory clustering correlates with single-trial behavioural fluctuations in neuroimaging data		2
11	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex		4
10	Catecholaminergic Manipulation Alters Dynamic Network Topology Across Behavioral States		1

9	Hippocampal atrophy and intrinsic brain network dysfunction relate to alterations in mind wandering in neurodegeneration	3
8	Core and Matrix Thalamic Sub-Populations Relate to Spatio-Temporal Cortical Connectivity Gradients	5
7	Diffuse neural coupling mediates complex network dynamics through the formation of quasi-critical brain states	1
6	Nonlinear Reconfiguration of Network Edges, Topology and Information Content During an Artificial Learning Task	3
5	The dynamic basis of cognition: an integrative core under the control of the ascending neuromodulatory system	7
4	Time-varying nodal measures with temporal community structure: a cautionary note to avoid misinterpretation	2
3	Reducing module size bias of participation coefficient	1
2	The ascending arousal system shapes low-dimensional neural dynamics to mediate awareness of intrinsic cognitive states	1
1	Precision dynamical mapping using topological data analysis reveals a unique hub-like transition state at rest	1