

Marios Politis

List of Publications by Citations

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124
papers

6,445
citations

44
h-index

77
g-index

130
ext. papers

7,857
ext. citations

6.7
avg, IF

6.3
L-index

#	Paper	IF	Citations
124	Cognitive decline in Parkinson disease. <i>Nature Reviews Neurology</i> , 2017 , 13, 217-231	15	458
123	Parkinson's disease symptoms: the patient's perspective. <i>Movement Disorders</i> , 2010 , 25, 1646-51	7	359
122	Cue-induced striatal dopamine release in Parkinson's disease-associated impulsive-compulsive behaviours. <i>Brain</i> , 2011 , 134, 969-78	11.2	245
121	Serotonergic neurons mediate dyskinesia side effects in Parkinson's patients with neural transplants. <i>Science Translational Medicine</i> , 2010 , 2, 38ra46	17.5	231
120	Long-term clinical outcome of fetal cell transplantation for Parkinson disease: two case reports. <i>JAMA Neurology</i> , 2014 , 71, 83-7	17.2	205
119	Clinical application of stem cell therapy in Parkinson's disease. <i>BMC Medicine</i> , 2012 , 10, 1	11.4	200
118	Staging of serotonergic dysfunction in Parkinson's disease: an in vivo 11C-DASB PET study. <i>Neurobiology of Disease</i> , 2010 , 40, 216-21	7.5	179
117	Serotonergic mechanisms responsible for levodopa-induced dyskinesias in Parkinson's disease patients. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1340-9	15.9	172
116	Serotonin in Parkinson's disease. <i>Behavioural Brain Research</i> , 2015 , 277, 136-45	3.4	167
115	The psychosis spectrum in Parkinson disease. <i>Nature Reviews Neurology</i> , 2017 , 13, 81-95	15	165
114	Neuroimaging in Parkinson disease: from research setting to clinical practice. <i>Nature Reviews Neurology</i> , 2014 , 10, 708-22	15	158
113	Neural response to visual sexual cues in dopamine treatment-linked hypersexuality in Parkinson's disease. <i>Brain</i> , 2013 , 136, 400-11	11.2	151
112	Microglial activation in regions related to cognitive function predicts disease onset in Huntington's disease: a multimodal imaging study. <i>Human Brain Mapping</i> , 2011 , 32, 258-70	5.9	147
111	Hypothalamic involvement in Huntington's disease: an in vivo PET study. <i>Brain</i> , 2008 , 131, 2860-9	11.2	137
110	Graft-induced dyskinesias in Parkinson's disease: High striatal serotonin/dopamine transporter ratio. <i>Movement Disorders</i> , 2011 , 26, 1997-2003	7	126
109	Increased PK11195 PET binding in the cortex of patients with MS correlates with disability. <i>Neurology</i> , 2012 , 79, 523-30	6.5	125
108	Increased microglia activation in neurologically asymptomatic HIV-infected patients receiving effective ART. <i>Aids</i> , 2014 , 28, 67-72	3.5	95

107	Serotonin neuron loss and nonmotor symptoms continue in Parkinson's patients treated with dopamine grafts. <i>Science Translational Medicine</i> , 2012 , 4, 128ra41	17.5	92
106	Increased central microglial activation associated with peripheral cytokine levels in premanifest Huntington's disease gene carriers. <i>Neurobiology of Disease</i> , 2015 , 83, 115-21	7.5	87
105	Nucleus basalis of Meynert degeneration precedes and predicts cognitive impairment in Parkinson's disease. <i>Brain</i> , 2018 , 141, 1501-1516	11.2	86
104	Imaging of microglia in patients with neurodegenerative disorders. <i>Frontiers in Pharmacology</i> , 2012 , 3, 96	5.6	85
103	Diabetes mellitus and Parkinson disease. <i>Neurology</i> , 2018 , 90, e1654-e1662	6.5	84
102	Evidence of dopamine dysfunction in the hypothalamus of patients with Parkinson's disease: an in vivo 11C-raclopride PET study. <i>Experimental Neurology</i> , 2008 , 214, 112-6	5.7	84
101	Serotonergic loss in motor circuitries correlates with severity of action-postural tremor in PD. <i>Neurology</i> , 2013 , 80, 1850-5	6.5	76
100	Loss of phosphodiesterase 10A expression is associated with progression and severity in Parkinson's disease. <i>Brain</i> , 2015 , 138, 3003-15	11.2	74
99	REM behavior disorder predicts motor progression and cognitive decline in Parkinson disease. <i>Neurology</i> , 2018 , 91, e894-e905	6.5	71
98	Altered PDE10A expression detectable early before symptomatic onset in Huntington's disease. <i>Brain</i> , 2015 , 138, 3016-29	11.2	71
97	Cholinergic imaging in dementia spectrum disorders. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1376-86	8.8	63
96	Magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment. <i>Journal of Neurology</i> , 2019 , 266, 1293-1302	5.5	63
95	Serotonergic dysfunction in Parkinson's disease and its relevance to disability. <i>Scientific World Journal, The</i> , 2011 , 11, 1726-34	2.2	62
94	Serotonin transporter in Parkinson's disease: A meta-analysis of positron emission tomography studies. <i>Annals of Neurology</i> , 2017 , 81, 171-180	9.4	60
93	Increased PK11195-PET binding in normal-appearing white matter in clinically isolated syndrome. <i>Brain</i> , 2015 , 138, 110-9	11.2	60
92	Serotonin-to-dopamine transporter ratios in Parkinson disease: Relevance for dyskinesias. <i>Neurology</i> , 2016 , 86, 1152-8	6.5	60
91	Positron emission tomography imaging in neurological disorders. <i>Journal of Neurology</i> , 2012 , 259, 1769-80	8.5	58
90	Current status of PET imaging in Huntington's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1171-82	8.8	58

89	Applications of amyloid, tau, and neuroinflammation PET imaging to Alzheimer's disease and mild cognitive impairment. <i>Human Brain Mapping</i> , 2019 , 40, 5424-5442	5.9	57
88	Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. <i>Movement Disorders</i> , 2017 , 32, 181-192	7	56
87	Imaging in Parkinson's disease. <i>Clinical Medicine</i> , 2016 , 16, 371-5	1.9	55
86	Microglia activation in multiple sclerosis black holes predicts outcome in progressive patients: an in vivo [(11)C](R)-PK11195-PET pilot study. <i>Neurobiology of Disease</i> , 2014 , 65, 203-10	7.5	54
85	The catechol-O-methyltransferase Val(158)Met polymorphism modulates fronto-cortical dopamine turnover in early Parkinson's disease: a PET study. <i>Brain</i> , 2012 , 135, 2449-57	11.2	52
84	Advances in MRI Methodology. <i>International Review of Neurobiology</i> , 2018 , 141, 31-76	4.4	51
83	Cortical dopamine dysfunction in symptomatic and premanifest Huntington's disease gene carriers. <i>Neurobiology of Disease</i> , 2010 , 37, 356-61	7.5	49
82	Neuroimaging in Huntington's disease. <i>World Journal of Radiology</i> , 2014 , 6, 301-12	2.9	46
81	Serotonergic pathology and disease burden in the premotor and motor phase of A53T β -synuclein parkinsonism: a cross-sectional study. <i>Lancet Neurology, The</i> , 2019 , 18, 748-759	24.1	44
80	Positron emission tomography neuroimaging in Parkinson's disease. <i>American Journal of Translational Research (discontinued)</i> , 2011 , 3, 323-41	3	44
79	The role of pallidal serotonergic function in Parkinson's disease dyskinesias: a positron emission tomography study. <i>Neurobiology of Aging</i> , 2015 , 36, 1736-1742	5.6	39
78	Dopamine receptor mapping with PET imaging in Parkinson's disease. <i>Journal of Neurology</i> , 2014 , 261, 2251-63	5.5	39
77	Aberrant nigral diffusion in Parkinson's disease: A longitudinal diffusion tensor imaging study. <i>Movement Disorders</i> , 2016 , 31, 1020-6	7	38
76	Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. <i>Lancet Neurology, The</i> , 2020 , 19, 71-80	24.1	37
75	Serotonergic mediated body mass index changes in Parkinson's disease. <i>Neurobiology of Disease</i> , 2011 , 43, 609-15	7.5	36
74	Imidazoline 2 binding sites reflecting astroglia pathology in Parkinson's disease: an in vivo ¹¹ C-BU99008 PET study. <i>Brain</i> , 2019 , 142, 3116-3128	11.2	35
73	Single versus multiple impulse control disorders in Parkinson's disease: an ¹¹ C-raclopride positron emission tomography study of reward cue-evoked striatal dopamine release. <i>Journal of Neurology</i> , 2015 , 262, 1504-14	5.5	35
72	Parkinson's Disease, Diabetes and Cognitive Impairment. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2016 , 10, 11-21		35

71	Loss of extra-striatal phosphodiesterase 10A expression in early premanifest Huntington's disease gene carriers. <i>Journal of the Neurological Sciences</i> , 2016 , 368, 243-8	3.2	32
70	Serotonergic dysregulation is linked to sleep problems in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2018 , 18, 630-637	5.3	31
69	Molecular Imaging Markers to Track Huntington's Disease Pathology. <i>Frontiers in Neurology</i> , 2017 , 8, 11	4.1	31
68	C-PE2I and F-Dopa PET for assessing progression rate in Parkinson's: A longitudinal study. <i>Movement Disorders</i> , 2018 , 33, 117-127	7	30
67	Morphometric changes in the reward system of Parkinson's disease patients with impulse control disorders. <i>Journal of Neurology</i> , 2015 , 262, 2653-61	5.5	30
66	A systematic review of lessons learned from PET molecular imaging research in atypical parkinsonism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 2244-2254	8.8	29
65	Cortical thinning across Parkinson's disease stages and clinical correlates. <i>Journal of the Neurological Sciences</i> , 2019 , 398, 31-38	3.2	28
64	Excessive daytime sleepiness may be associated with caudate denervation in Parkinson disease. <i>Journal of the Neurological Sciences</i> , 2018 , 387, 220-227	3.2	27
63	Neuroimaging in Lewy body dementia. <i>Journal of Neurology</i> , 2019 , 266, 1-26	5.5	27
62	Acute HCV/HIV coinfection is associated with cognitive dysfunction and cerebral metabolite disturbance, but not increased microglial cell activation. <i>PLoS ONE</i> , 2012 , 7, e38980	3.7	27
61	Phosphodiesterase 10A in Schizophrenia: A PET Study Using [(11)C]IMA107. <i>American Journal of Psychiatry</i> , 2016 , 173, 714-21	11.9	26
60	Recent imaging advances in neurology. <i>Journal of Neurology</i> , 2015 , 262, 2182-94	5.5	25
59	Ambient particulate matter and its potential neurological consequences. <i>Reviews in the Neurosciences</i> , 2013 , 24, 323-35	4.7	25
58	Chronic exposure to dopamine agonists affects the integrity of striatal D receptors in Parkinson's patients. <i>NeuroImage: Clinical</i> , 2017 , 16, 455-460	5.3	24
57	Loss of phosphodiesterase 4 in Parkinson disease: Relevance to cognitive deficits. <i>Neurology</i> , 2017 , 89, 586-593	6.5	24
56	Mitochondrial Complex 1, Sigma 1, and Synaptic Vesicle 2A in Early Drug-Naive Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 1416-1427	7	22
55	Cerebral serotonin transporter measurements with [C]DASB: A review on acquisition and preprocessing across 21 PET centres. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 210-222	7.3	21
54	Disease-related patterns of in vivo pathology in Corticobasal syndrome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 2413-2425	8.8	21

53	The serotonergic system in Parkinson's patients with dyskinesia: evidence from imaging studies. <i>Journal of Neural Transmission</i> , 2018 , 125, 1217-1223	4.3	19
52	Imaging in Parkinson's Disease. <i>International Review of Neurobiology</i> , 2017 , 132, 233-274	4.4	18
51	PET Molecular Imaging Research of Levodopa-Induced Dyskinesias in Parkinson's Disease. <i>Current Neurology and Neuroscience Reports</i> , 2017 , 17, 90	6.6	18
50	PDE10A and ADCY5 mutations linked to molecular and microstructural basal ganglia pathology. <i>Movement Disorders</i> , 2018 , 33, 1961-1965	7	18
49	Molecular Imaging of the Serotonergic System in Parkinson's Disease. <i>International Review of Neurobiology</i> , 2018 , 141, 173-210	4.4	18
48	Be vigilant for dementia in Parkinson's disease. <i>Practitioner</i> , 2017 , 261, 11-5		18
47	Speech difficulties in early de novo patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019 , 64, 256-261	3.6	17
46	Imaging Markers of Progression in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2018 , 5, 586-596	2.2	17
45	Dementia spectrum disorders: lessons learnt from decades with PET research. <i>Journal of Neural Transmission</i> , 2019 , 126, 233-251	4.3	17
44	Molecular imaging of levodopa-induced dyskinesias. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 2107-2113	6.3	16
43	Striatal molecular alterations in HD gene carriers: a systematic review and meta-analysis of PET studies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 185-196	5.5	16
42	Dopamine reuptake transporter-single-photon emission computed tomography and transcranial sonography as imaging markers of prediagnostic Parkinson's disease. <i>Movement Disorders</i> , 2018 , 33, 478-482	7	15
41	Reduplicative paramnesia: a review. <i>Psychopathology</i> , 2012 , 45, 337-43	3.4	15
40	Molecular Imaging of the Dopaminergic System in Idiopathic Parkinson's Disease. <i>International Review of Neurobiology</i> , 2018 , 141, 131-172	4.4	15
39	Sustained striatal dopamine levels following intestinal levodopa infusions in Parkinson's disease patients. <i>Movement Disorders</i> , 2017 , 32, 235-240	7	14
38	In vivo imaging of the integration and function of nigral grafts in clinical trials. <i>Progress in Brain Research</i> , 2012 , 200, 199-220	2.9	14
37	PET in multiple sclerosis. <i>Clinical Nuclear Medicine</i> , 2015 , 40, e46-52	1.7	13
36	Brain imaging after neural transplantation. <i>Progress in Brain Research</i> , 2010 , 184, 193-203	2.9	13

35	Aquaporin-4 polymorphisms predict amyloid burden and clinical outcome in the Alzheimer's disease spectrum. <i>Neurobiology of Aging</i> , 2021 , 97, 1-9	5.6	13
34	Novel PET Biomarkers to Disentangle Molecular Pathways across Age-Related Neurodegenerative Diseases. <i>Cells</i> , 2020 , 9,	7.9	12
33	Problematic Internet use in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 482-7	3.6	12
32	Comparison of phosphodiesterase 10A and dopamine transporter levels as markers of disease burden in early Parkinson's disease. <i>Movement Disorders</i> , 2019 , 34, 1505-1515	7	10
31	Increased dopaminergic function in the thalamus is associated with excessive daytime sleepiness. <i>Sleep Medicine</i> , 2018 , 43, 25-30	4.6	10
30	Optimizing functional imaging protocols for assessing the outcome of fetal cell transplantation in Parkinson's disease. <i>BMC Medicine</i> , 2011 , 9, 50	11.4	10
29	Longitudinal Measurements of Glucocerebrosidase activity in Parkinson's patients. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1816-1830	5.3	10
28	Feasibility and safety of lumbar puncture in the Parkinson's disease research participants: Parkinson's Progression Marker Initiative (PPMI). <i>Parkinsonism and Related Disorders</i> , 2019 , 62, 201-209	3.6	9
27	Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. <i>Journal of Neurology</i> , 2020 , 267, 2042-2053	5.5	9
26	Imaging the Nonmotor Symptoms in Parkinson's Disease. <i>International Review of Neurobiology</i> , 2017 , 133, 179-257	4.4	9
25	Predicting cognitive decline with non-clinical markers in Parkinson's disease (PRECODE-2). <i>Journal of Neurology</i> , 2019 , 266, 1203-1210	5.5	9
24	Neuroimaging of Sleep Disturbances in Movement Disorders. <i>Frontiers in Neurology</i> , 2018 , 9, 767	4.1	9
23	Psychogenic and neural visual-cue response in PD dopamine dysregulation syndrome. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 1336-41	3.6	8
22	Hybrid PET-MRI Applications in Movement Disorders. <i>International Review of Neurobiology</i> , 2019 , 144, 211-257	4.4	8
21	Urinary dysfunction in early de novo patients with Parkinson's disease. <i>Movement Disorders</i> , 2017 , 32, 939-940	7	7
20	Serotonergic loss underlying apathy in Parkinson's disease. <i>Brain</i> , 2016 , 139, 2338-9	11.2	7
19	Dysphagia is associated with presynaptic dopaminergic dysfunction and greater non-motor symptom burden in early drug-naïve Parkinson's patients. <i>PLoS ONE</i> , 2019 , 14, e0214352	3.7	7
18	Structural Magnetic Resonance Imaging in Huntington's Disease. <i>International Review of Neurobiology</i> , 2018 , 142, 335-380	4.4	7

17	Sleep disturbances and gastrointestinal dysfunction are associated with thalamic atrophy in Parkinson's disease. <i>BMC Neuroscience</i> , 2019 , 20, 55	3.2	6
16	Molecular Imaging of Dementia With Lewy Bodies. <i>International Review of Neurobiology</i> , 2019 , 144, 59-93	4.4	6
15	[F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 366-378	8.8	6
14	The role of phosphodiesterase 4 in excessive daytime sleepiness in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020 , 77, 163-169	3.6	5
13	Clinical utility of DaTscan [®] (123I-Ioflupane Injection) in the diagnosis of Parkinsonian Syndromes. <i>Degenerative Neurological and Neuromuscular Disease</i> , 2013 , 3, 33-39	5.4	4
12	Molecular Imaging in Huntington's Disease. <i>International Review of Neurobiology</i> , 2018 , 142, 289-333	4.4	4
11	Serotonergic imaging in Parkinson's disease. <i>Progress in Brain Research</i> , 2021 , 261, 303-338	2.9	3
10	Imaging Transplantation in Movement Disorders. <i>International Review of Neurobiology</i> , 2018 , 143, 213-263	4.4	3
9	Associations Between Amyloid and Tau Pathology, and Connectome Alterations, in Alzheimer's Disease and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 541-560	4.3	3
8	Predict cognitive decline with clinical markers in Parkinson's disease (PRECODE-1). <i>Journal of Neural Transmission</i> , 2020 , 127, 51-59	4.3	2
7	Disease progression in LRRK2 parkinsonism. <i>Lancet Neurology</i> , 2017 , 16, 334-335	24.1	1
6	The X-Linked Hypothesis of Brain Disorders: Can Gender Ratios Tell Us Anything About Cellular Etiology of Neurodegenerative and Psychiatric Diseases?. <i>Neuroscientist</i> , 2015 , 21, 589-98	7.6	1
5	Impulse Control Disorders in Parkinson's Disease: A Review. <i>Current Psychiatry Reviews</i> , 2012 , 8, 235-246	0.9	1
4	Nucleus basalis of Meynert degeneration predicts cognitive impairment in Parkinson's disease. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021 , 179, 189-205	3	1
3	Predictors of RBD progression and conversion to synucleinopathies.. <i>Current Neurology and Neuroscience Reports</i> , 2022 , 22, 93	6.6	1
2	A systematic review of lessons learned from PET molecular imaging research in atypical parkinsonism (Niccolini and Politis, 2016) : Reply to Jean-Claude Baron Letter to Editor. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 548-550	8.8	
1	Imaging Biomarkers in Huntington's Disease. <i>NeuroMethods</i> , 2022 , 457-505	0.4	