Marios Politis

List of Publications by Year in descending order

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Version: 2024-02-01

45317 44069 8,968 127 48 90 citations h-index g-index papers 130 130 130 10430 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Cognitive decline in Parkinson disease. Nature Reviews Neurology, 2017, 13, 217-231.	10.1	705
2	Parkinson's disease symptoms: The patient's perspective. Movement Disorders, 2010, 25, 1646-1651.	3.9	464
3	Clinical application of stem cell therapy in Parkinson's disease. BMC Medicine, 2012, 10, 1.	5.5	285
4	Cue-induced striatal dopamine release in Parkinson's disease-associated impulsive-compulsive behaviours. Brain, 2011, 134, 969-978.	7.6	283
5	Serotonergic Neurons Mediate Dyskinesia Side Effects in Parkinson's Patients with Neural Transplants. Science Translational Medicine, 2010, 2, 38ra46.	12.4	272
6	Long-term Clinical Outcome of Fetal Cell Transplantation for Parkinson Disease. JAMA Neurology, 2014, 71, 83.	9.0	257
7	The psychosis spectrum in Parkinson disease. Nature Reviews Neurology, 2017, 13, 81-95.	10.1	252
8	Serotonin in Parkinson's disease. Behavioural Brain Research, 2015, 277, 136-145.	2.2	224
9	Staging of serotonergic dysfunction in Parkinson's Disease: An in vivo 11C-DASB PET study. Neurobiology of Disease, 2010, 40, 216-221.	4.4	213
10	Serotonergic mechanisms responsible for levodopa-induced dyskinesias in Parkinson's disease patients. Journal of Clinical Investigation, 2014, 124, 1340-1349.	8.2	202
11	Magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment. Journal of Neurology, 2019, 266, 1293-1302.	3.6	196
12	Neuroimaging in Parkinson disease: from research setting to clinical practice. Nature Reviews Neurology, 2014, 10, 708-722.	10.1	195
13	Microglial activation in regions related to cognitive function predicts disease onset in Huntington's disease: A multimodal imaging study. Human Brain Mapping, 2011, 32, 258-270.	3.6	181
14	Neural response to visual sexual cues in dopamine treatment-linked hypersexuality in Parkinson's disease. Brain, 2013, 136, 400-411.	7.6	172
15	Diabetes mellitus and Parkinson disease. Neurology, 2018, 90, e1654-e1662.	1.1	158
16	Hypothalamic involvement in Huntington's disease: an in vivo PET study. Brain, 2008, 131, 2860-2869.	7.6	155
17	Graftâ€induced dyskinesias in Parkinson's disease: High striatal serotonin/dopamine transporter ratio. Movement Disorders, 2011, 26, 1997-2003.	3.9	151
18	Increased PK11195 PET binding in the cortex of patients with MS correlates with disability. Neurology, 2012, 79, 523-530.	1.1	150

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19	Nucleus basalis of Meynert degeneration precedes and predicts cognitive impairment in Parkinson's disease. Brain, 2018, 141, 1501-1516.	7.6	148
20	Increased central microglial activation associated with peripheral cytokine levels in premanifest Huntington's disease gene carriers. Neurobiology of Disease, 2015, 83, 115-121.	4.4	133
21	Increased microglia activation in neurologically asymptomatic HIV-infected patients receiving effective ART. Aids, 2014, 28, 67-72.	2.2	128
22	Applications of amyloid, tau, and neuroinflammation PET imaging to Alzheimer's disease and mild cognitive impairment. Human Brain Mapping, 2019, 40, 5424-5442.	3.6	127
23	Advances in MRI Methodology. International Review of Neurobiology, 2018, 141, 31-76.	2.0	124
24	REM behavior disorder predicts motor progression and cognitive decline in Parkinson disease. Neurology, 2018, 91, e894-e905.	1.1	112
25	Imaging in Parkinson's disease. Clinical Medicine, 2016, 16, 371-375.	1.9	110
26	Serotonin Neuron Loss and Nonmotor Symptoms Continue in Parkinson's Patients Treated with Dopamine Grafts. Science Translational Medicine, 2012, 4, 128ra41.	12.4	107
27	Evidence of dopamine dysfunction in the hypothalamus of patients with Parkinson's disease: An in vivo 11C-raclopride PET study. Experimental Neurology, 2008, 214, 112-116.	4.1	101
28	Loss of phosphodiesterase 10A expression is associated with progression and severity in Parkinson's disease. Brain, 2015, 138, 3003-3015.	7.6	100
29	Imaging of microglia in patients with neurodegenerative disorders. Frontiers in Pharmacology, 2012, 3, 96.	3.5	98
30	Serotonergic loss in motor circuitries correlates with severity of action-postural tremor in PD. Neurology, 2013, 80, 1850-1855.	1.1	95
31	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. Lancet Neurology, The, 2020, 19, 71-80.	10.2	94
32	Altered PDE10A expression detectable early before symptomatic onset in Huntington's disease. Brain, 2015, 138, 3016-3029.	7.6	90
33	Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. Movement Disorders, 2017, 32, 181-192.	3.9	88
34	Cholinergic imaging in dementia spectrum disorders. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1376-1386.	6.4	87
35	Serotonin transporter in Parkinson's disease: A metaâ€analysis of positron emission tomography studies. Annals of Neurology, 2017, 81, 171-180.	5.3	77
36	Serotonergic Dysfunction in Parkinson's Disease and Its Relevance to Disability. Scientific World Journal, The, 2011, 11, 1726-1734.	2.1	76

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37	Increased PK11195-PET binding in normal-appearing white matter in clinically isolated syndrome. Brain, 2015, 138, 110-119.	7.6	76
38	Positron emission tomography imaging in neurological disorders. Journal of Neurology, 2012, 259, 1769-1780.	3.6	75
39	Imidazoline 2 binding sites reflecting astroglia pathology in Parkinson's disease: an in vivo11C-BU99008 PET study. Brain, 2019, 142, 3116-3128.	7.6	73
40	Serotonin-to-dopamine transporter ratios in Parkinson disease. Neurology, 2016, 86, 1152-1158.	1.1	71
41	Serotonergic pathology and disease burden in the premotor and motor phase of A53T α-synuclein parkinsonism: a cross-sectional study. Lancet Neurology, The, 2019, 18, 748-759.	10.2	70
42	Microglia activation in multiple sclerosis black holes predicts outcome in progressive patients: An in vivo [(11)C](R)-PK11195-PET pilot study. Neurobiology of Disease, 2014, 65, 203-210.	4.4	66
43	Current status of PET imaging in Huntington's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1171-1182.	6.4	66
44	Neuroimaging in Huntington's disease. World Journal of Radiology, 2014, 6, 301.	1.1	60
45	Cortical dopamine dysfunction in symptomatic and premanifest Huntington's disease gene carriers. Neurobiology of Disease, 2010, 37, 356-361.	4.4	56
46	The catechol-O-methyltransferase Val158Met polymorphism modulates fronto-cortical dopamine turnover in early Parkinson's disease: a PET study. Brain, 2012, 135, 2449-2457.	7.6	56
47	Parkinson';s Disease, Diabetes and Cognitive Impairment. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2016, 10, 11-21.	0.6	52
48	Serotonergic dysregulation is linked to sleep problems in Parkinson's disease. Neurolmage: Clinical, 2018, 18, 630-637.	2.7	52
49	Excessive daytime sleepiness may be associated with caudate denervation in Parkinson disease. Journal of the Neurological Sciences, 2018, 387, 220-227.	0.6	51
50	Cortical thinning across Parkinson's disease stages and clinical correlates. Journal of the Neurological Sciences, 2019, 398, 31-38.	0.6	51
51	Aberrant nigral diffusion in Parkinson's disease: A longitudinal diffusion tensor imaging study. Movement Disorders, 2016, 31, 1020-1026.	3.9	49
52	Mitochondrial Complex 1, Sigma 1, and Synaptic Vesicle <scp>2A</scp> in Early <scp>Drugâ€Naive</scp> Parkinson's Disease. Movement Disorders, 2020, 35, 1416-1427.	3.9	48
53	Positron emission tomography neuroimaging in Parkinson's disease. American Journal of Translational Research (discontinued), 2011, 3, 323-41.	0.0	48
54	Dyskinesias after neural transplantation in Parkinson's disease: what do we know and what is next?. BMC Medicine, 2010, 8, 80.	5.5	46

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55	Dopamine receptor mapping with PET imaging in Parkinson's disease. Journal of Neurology, 2014, 261, 2251-2263.	3.6	45
56	¹¹ Câ€PE2I and ¹⁸ Fâ€Dopa PET for assessing progression rate in Parkinson's: A longitudinal study. Movement Disorders, 2018, 33, 117-127.	3.9	45
57	Neuroimaging in Lewy body dementia. Journal of Neurology, 2019, 266, 1-26.	3.6	45
58	Molecular Imaging Markers to Track Huntington's Disease Pathology. Frontiers in Neurology, 2017, 8, 11.	2.4	44
59	The role of pallidal serotonergic function in Parkinson's disease dyskinesias: a positron emission tomography study. Neurobiology of Aging, 2015, 36, 1736-1742.	3.1	42
60	Morphometric changes in the reward system of Parkinson's disease patients with impulse control disorders. Journal of Neurology, 2015, 262, 2653-2661.	3.6	41
61	Single versus multiple impulse control disorders in Parkinson's disease: an 11C-raclopride positron emission tomography study of reward cue-evoked striatal dopamine release. Journal of Neurology, 2015, 262, 1504-1514.	3.6	41
62	Serotonergic mediated body mass index changes in Parkinson's disease. Neurobiology of Disease, 2011, 43, 609-615.	4.4	40
63	Aquaporin-4 polymorphisms predict amyloid burden and clinical outcome in the Alzheimer's disease spectrum. Neurobiology of Aging, 2021, 97, 1-9.	3.1	40
64	PDE10A and ADCY5 mutations linked to molecular and microstructural basal ganglia pathology. Movement Disorders, 2018, 33, 1961-1965.	3.9	38
65	Loss of extra-striatal phosphodiesterase 10A expression in early premanifest Huntington's disease gene carriers. Journal of the Neurological Sciences, 2016, 368, 243-248.	0.6	37
66	A systematic review of lessons learned from PET molecular imaging research in atypical parkinsonism. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2244-2254.	6.4	37
67	Ambient particulate matter and its potential neurological consequences. Reviews in the Neurosciences, 2013, 24, 323-35.	2.9	36
68	Recent imaging advances in neurology. Journal of Neurology, 2015, 262, 2182-2194.	3.6	33
69	Phosphodiesterase 10A in Schizophrenia: A PET Study Using [¹¹ C]IMA107. American Journal of Psychiatry, 2016, 173, 714-721.	7.2	33
70	Chronic exposure to dopamine agonists affects the integrity of striatal D 2 receptors in Parkinson's patients. Neurolmage: Clinical, 2017, 16, 455-460.	2.7	33
71	Dementia spectrum disorders: lessons learnt from decades with PET research. Journal of Neural Transmission, 2019, 126, 233-251.	2.8	32
72	Acute HCV/HIV Coinfection Is Associated with Cognitive Dysfunction and Cerebral Metabolite Disturbance, but Not Increased Microglial Cell Activation. PLoS ONE, 2012, 7, e38980.	2.5	30

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73	Loss of phosphodiesterase 4 in Parkinson disease. Neurology, 2017, 89, 586-593.	1.1	30
74	Be vigilant for dementia in Parkinson's disease. Practitioner, 2017, 261, 11-5.	0.3	27
75	The serotonergic system in Parkinson's patients with dyskinesia: evidence from imaging studies. Journal of Neural Transmission, 2018, 125, 1217-1223.	2.8	26
76	Disease-related patterns of in vivo pathology in Corticobasal syndrome. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2413-2425.	6.4	26
77	Speech difficulties in early de novo patients with Parkinson's disease. Parkinsonism and Related Disorders, 2019, 64, 256-261.	2.2	26
78	Dopamine reuptake transporter–singleâ€photon emission computed tomography and transcranial sonography as imaging markers of prediagnostic Parkinson's disease. Movement Disorders, 2018, 33, 478-482.	3.9	25
79	Cerebral serotonin transporter measurements with [¹¹ C]DASB: A review on acquisition and preprocessing across 21 PET centres. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 210-222.	4.3	25
80	Reduplicative Paramnesia: A Review. Psychopathology, 2012, 45, 337-343.	1.5	24
81	Molecular Imaging of the Serotonergic System in Parkinson's Disease. International Review of Neurobiology, 2018, 141, 173-210.	2.0	24
82	Imaging Markers of Progression in Parkinson's Disease. Movement Disorders Clinical Practice, 2018, 5, 586-596.	1.5	23
83	Longitudinal Measurements of Glucocerebrosidase activity in Parkinson's patients. Annals of Clinical and Translational Neurology, 2020, 7, 1816-1830.	3.7	23
84	Imaging in Parkinson's Disease. International Review of Neurobiology, 2017, 132, 233-274.	2.0	21
85	PET in Multiple Sclerosis. Clinical Nuclear Medicine, 2015, 40, e46-e52.	1.3	20
86	PET Molecular Imaging Research of Levodopa-Induced Dyskinesias in Parkinson's Disease. Current Neurology and Neuroscience Reports, 2017, 17, 90.	4.2	20
87	Novel PET Biomarkers to Disentangle Molecular Pathways across Age-Related Neurodegenerative Diseases. Cells, 2020, 9, 2581.	4.1	20
88	Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. Journal of Neurology, 2020, 267, 2042-2053.	3.6	20
89	Brain imaging after neural transplantation. Progress in Brain Research, 2010, 184, 193-203.	1.4	19
90	[18F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 366-378.	6.4	19

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91	Molecular imaging of levodopa-induced dyskinesias. Cellular and Molecular Life Sciences, 2015, 72, 2107-2117.	5.4	18
92	Sustained striatal dopamine levels following intestinal levodopa infusions in Parkinson's disease patients. Movement Disorders, 2017, 32, 235-240.	3.9	18
93	Striatal molecular alterations in HD gene carriers: a systematic review and meta-analysis of PET studies. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 185-196.	1.9	18
94	Molecular Imaging of the Dopaminergic System in Idiopathic Parkinson's Disease. International Review of Neurobiology, 2018, 141, 131-172.	2.0	18
95	Associations Between Amyloid and Tau Pathology, and Connectome Alterations, in Alzheimer's Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2021, 82, 541-560.	2.6	18
96	In vivo imaging of the integration and function of nigral grafts in clinical trials. Progress in Brain Research, 2012, 200, 199-220.	1.4	16
97	Neuroimaging of Sleep Disturbances in Movement Disorders. Frontiers in Neurology, 2018, 9, 767.	2.4	15
98	Feasibility and safety of lumbar puncture in the Parkinson's disease research participants: Parkinson's Progression Marker Initiative (PPMI). Parkinsonism and Related Disorders, 2019, 62, 201-209.	2.2	15
99	Comparison of phosphodiesterase 10A and dopamine transporter levels as markers of disease burden in early Parkinson's disease. Movement Disorders, 2019, 34, 1505-1515.	3.9	15
100	Imaging the Nonmotor Symptoms in Parkinson's Disease. International Review of Neurobiology, 2017, 133, 179-257.	2.0	14
101	Structural Magnetic Resonance Imaging in Huntington's Disease. International Review of Neurobiology, 2018, 142, 335-380.	2.0	14
102	Predicting cognitive decline with non-clinical markers in Parkinson's disease (PRECODE-2). Journal of Neurology, 2019, 266, 1203-1210.	3.6	14
103	Hybrid PET-MRI Applications in Movement Disorders. International Review of Neurobiology, 2019, 144, 211-257.	2.0	14
104	Optimizing functional imaging protocols for assessing the outcome of fetal cell transplantation in Parkinson's disease. BMC Medicine, 2011, 9, 50.	5.5	13
105	Problematic Internet use in Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, 482-487.	2.2	13
106	Predictors of RBD progression and conversion to synucleinopathies. Current Neurology and Neuroscience Reports, 2022, 22, 93-104.	4.2	13
107	Increased dopaminergic function in the thalamus is associated with excessive daytime sleepiness. Sleep Medicine, 2018, 43, 25-30.	1.6	12
108	Dysphagia is associated with presynaptic dopaminergic dysfunction and greater non-motor symptom burden in early drug-naà ve Parkinson's patients. PLoS ONE, 2019, 14, e0214352.	2.5	12

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109	Nucleus basalis of Meynert degeneration predicts cognitive impairment in Parkinson's disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 189-205.	1.8	12
110	The role of phosphodiesterase 4 in excessive daytime sleepiness in Parkinson's disease. Parkinsonism and Related Disorders, 2020, 77, 163-169.	2.2	11
111	Serotonergic imaging in Parkinson's disease. Progress in Brain Research, 2021, 261, 303-338.	1.4	11
112	Molecular Imaging of Dementia With Lewy Bodies. International Review of Neurobiology, 2019, 144, 59-93.	2.0	10
113	Clinical utility of DaTscan™ (123I-Ioflupane Injection) in the diagnosis of Parkinsonian Syndromes. Degenerative Neurological and Neuromuscular Disease, 2013, 3, 33.	1.3	9
114	Psychogenic and neural visual-cue response in PD dopamine dysregulation syndrome. Parkinsonism and Related Disorders, 2015, 21, 1336-1341.	2.2	9
115	Serotonergic loss underlying apathy in Parkinson's disease. Brain, 2016, 139, 2338-2339.	7.6	9
116	Urinary dysfunction in early de novo patients with Parkinson's disease. Movement Disorders, 2017, 32, 939-940.	3.9	9
117	Sleep disturbances and gastrointestinal dysfunction are associated with thalamic atrophy in Parkinson's disease. BMC Neuroscience, 2019, 20, 55.	1.9	9
118	Imaging Transplantation in Movement Disorders. International Review of Neurobiology, 2018, 143, 213-263.	2.0	6
119	Molecular Imaging in Huntington's Disease. International Review of Neurobiology, 2018, 142, 289-333.	2.0	6
120	Predict cognitive decline with clinical markers in Parkinson's disease (PRECODE-1). Journal of Neural Transmission, 2020, 127, 51-59.	2.8	6
121	Impulse Control Disorders in Parkinson's Disease: A Review. Current Psychiatry Reviews, 2012, 8, 235-246.	0.9	1
122	The X-Linked Hypothesis of Brain Disorders. Neuroscientist, 2015, 21, 589-598.	3.5	1
123	Disease progression in LRRK2 parkinsonism. Lancet Neurology, The, 2017, 16, 334-335.	10.2	1
124	Recent Advances in Neuroimaging Techniques to Assist Clinical Trials on Cell-Based Therapies in Neurodegenerative Diseases. Stem Cells, 2022, 40, 724-735.	3.2	1
125	SEROTONIN-TO-DOPAMINE TRANSPORTER RATIOS IN THE STRIATUM OF PATIENTS WITH PARKINSON'S DISEASE: IMPACT ON LEVODOPA–INDUCED DYSKINESIAS. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e4.96-e4.	1.9	0
126	A systematic review of lessons learned from PET molecular imaging research in atypical parkinsonism (Niccolini and Politis, 2016). European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 548-550.	6.4	0

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127	lmaging in Huntington's. Neuromethods, 2022, , 457-505.	0.3	0