Kenneth L Marek

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4405464/publications.pdf

Version: 2024-02-01

26630 14759 18,053 129 56 127 citations h-index g-index papers 133 133 133 14803 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	MDS clinical diagnostic criteria for Parkinson's disease. Movement Disorders, 2015, 30, 1591-1601.	3.9	4,389
2	Levodopa and the Progression of Parkinson's Disease. New England Journal of Medicine, 2004, 351, 2498-2508.	27.0	1,649
3	The Parkinson Progression Marker Initiative (PPMI). Progress in Neurobiology, 2011, 95, 629-635.	5.7	1,278
4	MDS research criteria for prodromal Parkinson's disease. Movement Disorders, 2015, 30, 1600-1611.	3.9	1,033
5	Unilateral Transplantation of Human Fetal Mesencephalic Tissue into the Caudate Nucleus of Patients with Parkinson's Disease. New England Journal of Medicine, 1992, 327, 1541-1548.	27.0	569
6	Time to redefine PD? Introductory statement of the MDS Task Force on the definition of Parkinson's disease. Movement Disorders, 2014, 29, 454-462.	3.9	379
7	Looking Backward to Move Forward: Early Detection of Neurodegenerative Disorders. Science, 2003, 302, 830-834.	12.6	362
8	The Parkinson's progression markers initiative (PPMI) – establishing a PD biomarker cohort. Annals of Clinical and Translational Neurology, 2018, 5, 1460-1477.	3.7	330
9	Association of Cerebrospinal Fluid \hat{l}^2 -Amyloid 1-42, T-tau, P-tau ₁₈₁ , and $\hat{l}\pm$ -Synuclein Levels With Clinical Features of Drug-Naive Patients With Early Parkinson Disease. JAMA Neurology, 2013, 70, 1277-87.	9.0	318
10	Serum Urate as a Predictor of Clinical and Radiographic Progression in Parkinson Disease. Archives of Neurology, 2008, 65, 716.	4.5	295
11	The specificity and sensitivity of transcranial ultrasound in the differential diagnosis of Parkinson's disease: a prospective blinded study. Lancet Neurology, The, 2008, 7, 417-424.	10.2	234
12	Role of DAT‧PECT in the diagnostic work up of Parkinsonism. Movement Disorders, 2007, 22, 1229-1238.	3.9	206
13	CSF biomarkers associated with disease heterogeneity in early Parkinson's disease: the Parkinson's Progression Markers Initiative study. Acta Neuropathologica, 2016, 131, 935-949.	7.7	190
14	Targeting Prodromal Alzheimer Disease With Avagacestat. JAMA Neurology, 2015, 72, 1324.	9.0	179
15	Diagnosis of Parkinson's disease on the basis of clinical and genetic classification: a population-based modelling study. Lancet Neurology, The, 2015, 14, 1002-1009.	10.2	179
16	Pramipexole in patients with early Parkinson's disease (PROUD): a randomised delayed-start trial. Lancet Neurology, The, 2013, 12, 747-755.	10.2	175
17	Clinical correlates of raphe serotonergic dysfunction in early Parkinson's disease. Brain, 2015, 138, 2964-2973.	7.6	164
18	Impaired olfaction and other prodromal features in the Parkinson Atâ€Risk Syndrome study. Movement Disorders, 2012, 27, 406-412.	3.9	162

#	Article	IF	Citations
19	$(123I)$ \hat{l}^2 -CIT and Single-Photon Emission Computed Tomographic Imaging vs Clinical Evaluation in Parkinsonian Syndrome. Archives of Neurology, 2004, 61, 1224-9.	4.5	160
20	[¹²³ I]βâ€CIT SPECT imaging demonstrates reduced density of striatal dopamine transporters in Parkinson's disease and multiple system atrophy. Movement Disorders, 2001, 16, 1023-1032.	3.9	159
21	Longitudinal follow-up of SWEDD subjects in the PRECEPT Study. Neurology, 2014, 82, 1791-1797.	1.1	147
22	Assessment of ¹⁸ F-PI-2620 as a Biomarker in Progressive Supranuclear Palsy. JAMA Neurology, 2020, 77, 1408.	9.0	145
23	Potential of Low Dose Leuco-Methylthioninium Bis(Hydromethanesulphonate) (LMTM) Monotherapy for Treatment of Mild Alzheimer's Disease: Cohort Analysis as Modified Primary Outcome in a Phase III Clinical Trial. Journal of Alzheimer's Disease, 2017, 61, 435-457.	2.6	142
24	Imaging prodromal Parkinson disease. Neurology, 2014, 83, 1739-1746.	1.1	138
25	Longitudinal Change of Clinical and Biological Measures in Early Parkinson's Disease: Parkinson's Progression Markers Initiative Cohort. Movement Disorders, 2018, 33, 771-782.	3.9	136
26	How stable are Parkinson's disease subtypes in de novo patients: Analysis of the PPMI cohort?. Parkinsonism and Related Disorders, 2016, 28, 62-67.	2.2	133
27	Effect of treatment withL-dopa/carbidopa orL-selegiline on striatal dopamine transporter SPECT imaging with [1231]?-CIT. Movement Disorders, 1999, 14, 436-442.	3.9	131
28	Conversion to Parkinson Disease in the PARS Hyposmic and Dopamine Transporter–Deficit Prodromal Cohort. JAMA Neurology, 2017, 74, 933.	9.0	131
29	Finding useful biomarkers for Parkinson's disease. Science Translational Medicine, 2018, 10, .	12.4	125
30	Tau PET imaging with ¹⁸ F-PI-2620 in Patients with Alzheimer Disease and Healthy Controls: A First-in-Humans Study. Journal of Nuclear Medicine, 2020, 61, 911-919.	5.0	122
31	Longitudinal CSF biomarkers in patients with early Parkinson disease and healthy controls. Neurology, 2017, 89, 1959-1969.	1.1	121
32	Plasma apolipoprotein A1 as a biomarker for Parkinson disease. Annals of Neurology, 2013, 74, 119-127.	5. 3	116
33	Dopamine transporter imaging is associated with longâ€ŧerm outcomes in Parkinson's disease. Movement Disorders, 2012, 27, 1392-1397.	3.9	115
34	Movement disorder society criteria for clinically established early Parkinson's disease. Movement Disorders, 2018, 33, 1643-1646.	3.9	114
35	The Effect of the COVID-19 Pandemic on People with Parkinson's Disease. Journal of Parkinson's Disease, 2020, 10, 1365-1377.	2.8	114
36	Defining atâ€risk populations for Parkinson's disease: Lessons from ongoing studies. Movement Disorders, 2012, 27, 656-665.	3.9	113

#	Article	IF	CITATIONS
37	Doubleâ€blind, randomized, controlled trial of rasagiline as monotherapy in early Parkinson's disease patients. Movement Disorders, 2004, 19, 916-923.	3.9	111
38	Validation of Serum Neurofilament Light Chain as a Biomarker of Parkinson's Disease Progression. Movement Disorders, 2020, 35, 1999-2008.	3.9	104
39	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
40	The Natural History of the Syndrome of Primary Progressive Freezing Gait. Archives of Neurology, 2002, 59, 1778.	4.5	93
41	Estimating the half-lives of PCB congeners in former capacitor workers measured over a 28-year interval. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 234-246.	3.9	89
42	Longitudinal analyses of cerebrospinal fluid αâ€Synuclein in prodromal and early Parkinson's disease. Movement Disorders, 2019, 34, 1354-1364.	3.9	89
43	Baseline prevalence and longitudinal evolution of non-motor symptoms in early Parkinson's disease: the PPMI cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 78-88.	1.9	85
44	Can we image premotor Parkinson disease?. Neurology, 2009, 72, S21-6.	1.1	84
45	[18F]GTP1 (Genentech Tau Probe 1), a radioligand for detecting neurofibrillary tangle tau pathology in Alzheimer's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2077-2089.	6.4	84
46	The new definition and diagnostic criteria of Parkinson's disease. Lancet Neurology, The, 2016, 15, 546-548.	10.2	82
47	The Phosphodiesterase 10 Positron Emission Tomography Tracer, [¹⁸ F]MNI-659, as a Novel Biomarker for Early Huntington Disease. JAMA Neurology, 2014, 71, 1520.	9.0	80
48	Intrastriatal alpha-synuclein fibrils in monkeys: spreading, imaging and neuropathological changes. Brain, 2019, 142, 3565-3579.	7.6	80
49	Correlates of excessive daytime sleepiness in de novo Parkinson's disease: A case control study. Movement Disorders, 2015, 30, 1371-1381.	3.9	78
50	Cognition in individuals at risk for Parkinson's: Parkinson associated risk syndrome (PARS) study findings. Movement Disorders, 2016, 31, 86-94.	3.9	78
51	Longitudinal assessment of excessive daytime sleepiness in early Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 653-662.	1.9	78
52	Association between α-synuclein blood transcripts and early, neuroimaging-supported Parkinson's disease. Brain, 2015, 138, 2659-2671.	7.6	69
53	Change in PDE10 across early Huntington disease assessed by [¹⁸ F]MNI-659 and PET imaging. Neurology, 2016, 86, 748-754.	1.1	65
54	Candidate inflammatory biomarkers display unique relationships with alpha-synuclein and correlate with measures of disease severity in subjects with Parkinson's disease. Journal of Neuroinflammation, 2017, 14, 164.	7.2	64

#	Article	IF	CITATIONS
55	Concordance for Parkinson's disease in twins: A 20â€year update. Annals of Neurology, 2019, 85, 600-605.	5 . 3	64
56	In Vivo Assessment and Dosimetry of 2 Novel PDE10A PET Radiotracers in Humans: ¹⁸ F-MNI-659 and ¹⁸ F-MNI-654. Journal of Nuclear Medicine, 2014, 55, 1297-1304.	5.0	61
57	Age dependence of brain \hat{l}^2 -amyloid deposition in Down syndrome. Neurology, 2015, 84, 500-507.	1.1	60
58	Kinetic Modeling of the Tau PET Tracer ¹⁸ F-AV-1451 in Human Healthy Volunteers and Alzheimer Disease Subjects. Journal of Nuclear Medicine, 2017, 58, 1124-1131.	5.0	60
59	Test–Retest Reproducibility for the Tau PET Imaging Agent Flortaucipir F 18. Journal of Nuclear Medicine, 2018, 59, 937-943.	5.0	55
60	Evolution of Alzheimer's Disease Cerebrospinal Fluid Biomarkers in Early Parkinson's Disease. Annals of Neurology, 2020, 88, 574-587.	5. 3	55
61	Optimized, Automated Striatal Uptake Analysis Applied to SPECT Brain Scans of Parkinson's Disease Patients. Journal of Nuclear Medicine, 2007, 48, 857-864.	5.0	54
62	Diffusion imaging of nigral alterations in early Parkinson's disease with dopaminergic deficits. Movement Disorders, 2015, 30, 1885-1892.	3.9	52
63	Characterization in Humans of ¹⁸ F-MNI-444, a PET Radiotracer for Brain Adenosine 2A Receptors. Journal of Nuclear Medicine, 2015, 56, 586-591.	5.0	49
64	Development and In Vivo Preclinical Imaging of Fluorine-18-Labeled Synaptic Vesicle Protein 2A (SV2A) PET Tracers. Molecular Imaging and Biology, 2019, 21, 509-518.	2.6	49
65	A longitudinal program for biomarker development in Parkinson's disease: A feasibility study. Movement Disorders, 2009, 24, 2081-2090.	3.9	48
66	The prodromal phase of leucineâ€rich repeat kinase 2–associated Parkinson disease: Clinical and imaging Studies. Movement Disorders, 2017, 32, 726-738.	3.9	48
67	Clinical and Dopamine Transporter Imaging Characteristics of Leucine Rich Repeat Kinase 2 (LRRK2) and Glucosylceramidase Beta (GBA) Parkinson's Disease Participants in the Parkinson's Progression Markers Initiative: A Crossâ€ectional Study. Movement Disorders, 2020, 35, 833-844.	3.9	48
68	Risk factors for Parkinson's disease and impaired olfaction in relatives of patients with Parkinson's disease. Movement Disorders, 2007, 22, 2249-2255.	3.9	47
69	Occupational exposure to PCBs reduces striatal dopamine transporter densities only in women: A \hat{I}^2 -CIT imaging study. Neurobiology of Disease, 2010, 38, 219-225.	4.4	46
70	Serum urate and probability of dopaminergic deficit in early "Parkinson's disease― Movement Disorders, 2011, 26, 1864-1868.	3.9	43
71	Abolishing the 1â€year rule: How much evidence will be enough?. Movement Disorders, 2016, 31, 1623-1627.	3.9	43
72	Plasma <scp>EGF</scp> and cognitive decline in Parkinson's disease and Alzheimer's disease. Annals of Clinical and Translational Neurology, 2016, 3, 346-355.	3.7	41

#	Article	IF	CITATIONS
73	Ergot alkaloids: Interaction with presynaptic dopamine receptors in the neostriatum and olfactory tubercles. European Journal of Pharmacology, 1980, 62, 137-146.	3.5	40
74	<i>Movement</i> Disorder Society Unified Parkinson Disease Rating Scale experiences in daily living: Longitudinal changes and correlation with other assessments. Movement Disorders, 2013, 28, 1980-1986.	3.9	39
75	Cognition and the course of prodromal Parkinson's disease. Movement Disorders, 2017, 32, 1640-1645.	3.9	39
76	Tissue-Specific Regulation of Peptidyl-Glycine \hat{l}_{\pm} -Amidating Monooxygenase Expression*. Endocrinology, 1989, 125, 2279-2288.	2.8	38
77	Rationale for delayedâ€start study of pramipexole in Parkinson's disease: The PROUD study. Movement Disorders, 2010, 25, 1627-1632.	3.9	38
78	Dopamine transporter imaging predicts clinicallyâ€defined <i>α</i> â€synucleinopathy in REM sleep behavior disorder. Annals of Clinical and Translational Neurology, 2021, 8, 201-212.	3.7	37
79	Dopamine Transporter Neuroimaging as an Enrichment Biomarker in Early Parkinson's Disease Clinical Trials: A Disease Progression Modeling Analysis. Clinical and Translational Science, 2018, 11, 63-70.	3.1	36
80	Early-phase [18F]PI-2620 tau-PET imaging as a surrogate marker of neuronal injury. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2911-2922.	6.4	36
81	Biosynthesis, Development, and Regulation of Neuropeptide Y in Superior Cervical Ganglion Culture. Journal of Neurochemistry, 1989, 52, 1807-1816.	3.9	35
82	Striatal dopamine transporters correlate with simple reaction time in elderly subjects. Neurobiology of Aging, 2008, 29, 1237-1246.	3.1	35
83	Biomarkers for Parkison's disease: Tools to assess Parkinson's disease onset and progression. Annals of Neurology, 2008, 64, S111-S121.	5.3	35
84	Preclinical properties and human < i>in vivo < /i> assessment of < sup>123 < /sup>I-ABC577 as a novel SPECT agent for imaging amyloid- \hat{l}^2 . Brain, 2016, 139, 193-203.	7.6	32
85	Use of white matter reference regions for detection of change in florbetapir positron emission tomography from completed phase 3 solanezumab trials. Alzheimer's and Dementia, 2017, 13, 1117-1124.	0.8	31
86	Displacement of Serotonin and Dopamine Transporters by Venlafaxine Extended Release Capsule at Steady State. Journal of Clinical Psychopharmacology, 2007, 27, 71-75.	1.4	30
87	Cerebrospinal fluid biomarkers and clinical features in leucineâ€rich repeat kinase 2 (<i>LRRK2</i>) mutation carriers. Movement Disorders, 2016, 31, 906-914.	3.9	29
88	Predictors of time to initiation of symptomatic therapy in early Parkinson's disease. Annals of Clinical and Translational Neurology, 2016, 3, 482-494.	3.7	29
89	Plasma \hat{l}_{\pm} -synuclein and cognitive impairment in the Parkinson's Associated Risk Syndrome: A pilot study. Neurobiology of Disease, 2018, 116, 53-59.	4.4	29
90	The Qualification of an Enrichment Biomarker for Clinical Trials Targeting Early Stages of Parkinson's Disease. Journal of Parkinson's Disease, 2019, 9, 553-563.	2.8	29

#	Article	IF	CITATIONS
91	Imaging the dopamine system to assess disease-modifying drugs. Neurology, 2003, 61, S43-8.	1.1	29
92	Dopamine agonists and Parkinson's disease progression: What can we learn from neuroimaging studies. Annals of Neurology, 2003, 53, S160-S169.	5.3	28
93	Neuroimaging Over the Course of Parkinson's Disease: From Early Detection of the At-Risk Patient to Improving Pharmacotherapy of Later-Stage Disease. Seminars in Nuclear Medicine, 2012, 42, 406-414.	4.6	25
94	Precompetitive Data Sharing as a Catalyst toÂAddress Unmet Needs in Parkinson's Disease 1. Journal of Parkinson's Disease, 2015, 5, 581-594.	2.8	25
95	Innovative Recruitment Strategies to Increase Diversity of Participation in Parkinson's Disease Research: The Fox Insight Cohort Experience. Journal of Parkinson's Disease, 2020, 10, 665-675.	2.8	25
96	Evaluation of Dosimetry, Quantitative Methods, and Test–Retest Variability of ¹⁸ F-PI-2620 PET for the Assessment of Tau Deposits in the Human Brain. Journal of Nuclear Medicine, 2020, 61, 920-927.	5.0	24
97	Psychiatric status after human fetal mesencephalic tissue transplantation in Parkinson's disease. Biological Psychiatry, 1995, 38, 498-505.	1.3	23
98	Clinical and Imaging Progression in the <scp>PARS</scp> Cohort: <scp>Longâ€Term</scp> Followâ€up. Movement Disorders, 2020, 35, 1550-1557.	3.9	23
99	Longitudinal Measurements of Glucocerebrosidase activity in Parkinson's patients. Annals of Clinical and Translational Neurology, 2020, 7, 1816-1830.	3.7	23
100	Clinical utility of DaTscanâ,,¢ imaging in the evaluation of patients with parkinsonism: a US perspective. Expert Review of Neurotherapeutics, 2017, 17, 219-225.	2.8	22
101	Hemi-parkinsonism due to a midbrain arteriovenous malformation: dopamine transporter imaging. Movement Disorders, 2001, 16, 350-353.	3.9	21
102	Neuroimaging trials of Parkinson?s disease progression. Journal of Neurology, 2004, 251, vii9-vii13.	3.6	20
103	Predictors of time to requiring dopaminergic treatment in 2 Parkinson's disease cohorts. Movement Disorders, 2011, 26, 608-613.	3.9	20
104	Kinetic Modeling, Test–Retest, and Dosimetry of ¹²³ I-MNI-420 in Humans. Journal of Nuclear Medicine, 2013, 54, 1760-1767.	5.0	18
105	Vitamin D in the Parkinson Associated Risk Syndrome (PARS) study. Movement Disorders, 2017, 32, 1636-1640.	3.9	18
106	Neural Transplantation for Neurodegenerative Diseases: Past, Present, and Futurea. Annals of the New York Academy of Sciences, 1993, 695, 258-266.	3.8	17
107	Individual-Reader Diagnostic Performance and Between-Reader Agreement in Assessment of Subjects with Parkinsonian Syndrome or Dementia Using ¹²³ I-loflupane Injection (DaTscan) Imaging. Journal of Nuclear Medicine, 2014, 55, 1288-1296.	5.0	17
108	Novel recruitment strategy to enrich for <i> <scp>LRRK</scp> 2 </i> mutation carriers. Molecular Genetics & Ge	1.2	16

#	Article	IF	CITATIONS
109	Predicting Progression in Parkinson's Disease Using Baseline and 1-Year Change Measures. Journal of Parkinson's Disease, 2019, 9, 665-679.	2.8	15
110	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
111	Molecular Neuroimaging of the Dopamine Transporter as a Patient Enrichment Biomarker for Clinical Trials for Early Parkinson's Disease. Clinical and Translational Science, 2019, 12, 240-246.	3.1	15
112	Comparison of an Online-Only Parkinson's Disease Research Cohort to Cohorts Assessed In Person. Journal of Parkinson's Disease, 2020, 10, 677-691.	2.8	15
113	A practical approach to remote longitudinal followâ€up of Parkinson's disease: The FOUND study. Movement Disorders, 2014, 29, 743-749.	3.9	14
114	Development of a Disease Progression Model for Leucineâ€Rich Repeat Kinase 2 in Parkinson's Disease to Inform Clinical Trial Designs. Clinical Pharmacology and Therapeutics, 2020, 107, 553-562.	4.7	13
115	A Bayesian mathematical model of motor and cognitive outcomes in Parkinson's disease. PLoS ONE, 2017, 12, e0178982.	2.5	11
116	Traditional neuropsychological correlates and reliability of the Automated Neuropsychological Assessment Metrics-4 battery for Parkinson's disease. Parkinsonism and Related Disorders, 2012, 18, 864-870.	2.2	9
117	123Iâ€FPâ€CIT SPECT [(123) Iâ€2βâ€carbomethoxyâ€3βâ€(4â€iodophenyl)â€Nâ€(3â€fluoropropyl) nortropane emission computed tomography] Imaging in a p.A53T αâ€synuclein Parkinson's disease cohort versus Parkinson's disease. Movement Disorders, 2018, 33, 1734-1739.	single pho 3.9	oton 9
118	Molecular PET imaging in multicenter Alzheimer's therapeutic trials: current trends and implementation strategies. Expert Review of Neurotherapeutics, 2011, 11, 1783-1793.	2.8	7
119	Coalition Against Major Diseases: Precompetitive Collaborations and Regulatory Paths to Accelerating Drug Development for Neurodegenerative Diseases. Therapeutic Innovation and Regulatory Science, 2013, 47, 632-638.	1.6	7
120	The Role of the Core Imaging Laboratory in Multicenter Trials. Seminars in Nuclear Medicine, 2010, 40, 338-346.	4.6	6
121	Differential regulation of neuropeptide Y and catecholamine production in superior cervical ganglion cultures. Molecular and Cellular Neurosciences, 1990, 1, 262-269.	2.2	3
122	Impact of Disclosure of Individual Imaging Results in a Multi-Center Parkinson Clinical Trial. Journal of Parkinson's Disease, 2014, 4, 629-638.	2.8	2
123	Unilateral Transplantation of Human Fetal Mesencephalic Tissue Into the Caudate Nucleus of Patients With ParkinsonE ¹ / ₄ s Disease. Obstetrical and Gynecological Survey, 1993, 48, 413-415.	0.4	1
124	Supplement neuroimaging movement disorders. Movement Disorders, 2009, 24, S655.	3.9	1
125	Early Clinical Predictors of Treatmentâ€Resistant and Functional Outcomes in Parkinson's Disease. Movement Disorders Clinical Practice, 2016, 3, 53-58.	1.5	1
126	Prospects for Slowing the Progression of Parkinson's Disease. , 2005, , 141-iii.		0

KENNETH L MAREK

#	Article	IF	CITATIONS
127	Imaging of Dopamine Transporters: Biomarker for Progression in Parkinson's Disease. CNS Neuroscience & Therapeutics, 2006, 5, 19-19.	4.0	0
128	Reply: Unusual DAT scan results. Movement Disorders, 2013, 28, 847-847.	3.9	0
129	Observations on a 2-Step Approach to Screening for Parkinson Disease—Reply. JAMA Neurology, 2017, 74, 1506.	9.0	0