

# Kathrin Brockmann

## List of Publications by Citations

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73  
papers

2,668  
citations

24  
h-index

51  
g-index

79  
ext. papers

3,999  
ext. citations

6.6  
avg, IF

4.32  
L-index

#	Paper	IF	Citations
73	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology, The</i> , <b>2019</b> , 18, 1091-1102	24.1	562
72	A multicenter study of glucocerebrosidase mutations in dementia with Lewy bodies. <i>JAMA Neurology</i> , <b>2013</b> , 70, 727-35	17.2	285
71	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. <i>Brain</i> , <b>2017</b> , 140, 3191-3203	11.2	209
70	GBA-associated Parkinson's disease: reduced survival and more rapid progression in a prospective longitudinal study. <i>Movement Disorders</i> , <b>2015</b> , 30, 407-11	7	135
69	A pathway-based analysis provides additional support for an immune-related genetic susceptibility to Parkinson's disease. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 1039-49	5.6	96
68	Enlarged hyperechogenic substantia nigra as a risk marker for Parkinson's disease. <i>Movement Disorders</i> , <b>2013</b> , 28, 216-9	7	90
67	Arm swing as a potential new prodromal marker of Parkinson's disease. <i>Movement Disorders</i> , <b>2016</b> , 31, 1527-1534	7	80
66	Penetrance estimate of LRRK2 p.G2019S mutation in individuals of non-Ashkenazi Jewish ancestry. <i>Movement Disorders</i> , <b>2017</b> , 32, 1432-1438	7	74
65	Genetic modifiers of risk and age at onset in GBA associated Parkinson's disease and Lewy body dementia. <i>Brain</i> , <b>2020</b> , 143, 234-248	11.2	69
64	Metformin reverses TRAP1 mutation-associated alterations in mitochondrial function in Parkinson's disease. <i>Brain</i> , <b>2017</b> , 140, 2444-2459	11.2	59
63	Poor trail making test performance is directly associated with altered dual task prioritization in the elderly--baseline results from the TREND study. <i>PLoS ONE</i> , <b>2011</b> , 6, e27831	3.7	58
62	Gait analysis with wearables predicts conversion to parkinson disease. <i>Annals of Neurology</i> , <b>2019</b> , 86, 357-367	9.4	57
61	Clinical and brain imaging characteristics in leucine-rich repeat kinase 2-associated PD and asymptomatic mutation carriers. <i>Movement Disorders</i> , <b>2011</b> , 26, 2335-42	7	55
60	Application of the movement disorder society prodromal Parkinson's disease research criteria in 2 independent prospective cohorts. <i>Movement Disorders</i> , <b>2017</b> , 32, 1025-1034	7	53
59	Cognitive changes in prodromal Parkinson's disease: A review. <i>Movement Disorders</i> , <b>2017</b> , 32, 1655-16667		53
58	Distinct metabolomic signature in cerebrospinal fluid in early parkinson's disease. <i>Movement Disorders</i> , <b>2017</b> , 32, 1401-1408	7	53
57	Leucine-rich repeat kinase 2 functionally interacts with microtubules and kinase-dependently modulates cell migration. <i>Neurobiology of Disease</i> , <b>2013</b> , 54, 280-8	7.5	47

56	The endocytic membrane trafficking pathway plays a major role in the risk of Parkinson's disease. <i>Movement Disorders</i> , <b>2019</b> , 34, 460-468	7	40
55	Serum neurofilament light is increased in multiple system atrophy of cerebellar type and in repeat-expansion spinocerebellar ataxias: a pilot study. <i>Journal of Neurology</i> , <b>2018</b> , 265, 1618-1624	5.5	36
54	GBA-associated PD. Neurodegeneration, altered membrane metabolism, and lack of energy failure. <i>Neurology</i> , <b>2012</b> , 79, 213-20	6.5	36
53	Inflammatory profile in LRRK2-associated prodromal and clinical PD. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 122	10.1	33
52	SNCA: major genetic modifier of age at onset of Parkinson's disease. <i>Movement Disorders</i> , <b>2013</b> , 28, 1217-21		28
51	Penetrance of Parkinson's Disease in LRRK2 p.G2019S Carriers Is Modified by a Polygenic Risk Score. <i>Movement Disorders</i> , <b>2020</b> , 35, 774-780	7	27
50	The significance of GBA for Parkinson's disease. <i>Journal of Inherited Metabolic Disease</i> , <b>2014</b> , 37, 643-8	5.4	26
49	Parkinson's Disease: Glucocerebrosidase 1 Mutation Severity Is Associated with CSF Alpha-Synuclein Profiles. <i>Movement Disorders</i> , <b>2020</b> , 35, 495-499	7	22
48	Mild parkinsonian signs in the elderly--is there an association with PD? Cross-sectional findings in 992 individuals. <i>PLoS ONE</i> , <b>2014</b> , 9, e92878	3.7	21
47	Dementia with lewy bodies: GBA1 mutations are associated with cerebrospinal fluid alpha-synuclein profile. <i>Movement Disorders</i> , <b>2019</b> , 34, 1069-1073	7	18
46	Cognitive impairment in Glucocerebrosidase (GBA)-associated PD: Not primarily associated with cerebrospinal fluid Abeta and Tau profiles. <i>Movement Disorders</i> , <b>2017</b> , 32, 1780-1783	7	17
45	Effect of physical activity on cognitive flexibility, depression and RBD in healthy elderly. <i>Clinical Neurology and Neurosurgery</i> , <b>2018</b> , 165, 88-93	2	17
44	Age and Vascular Burden Determinants of Cortical Hemodynamics Underlying Verbal Fluency. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138863	3.7	17
43	Neurodegenerative CSF markers in genetic and sporadic PD: Classification and prediction in a longitudinal study. <i>Parkinsonism and Related Disorders</i> , <b>2015</b> , 21, 1427-34	3.6	16
42	EIF4G1 is neither a strong nor a common risk factor for Parkinson's disease: evidence from large European cohorts. <i>Journal of Medical Genetics</i> , <b>2015</b> , 52, 37-41	5.8	15
41	Reasons for mild parkinsonian signs - which constellation may indicate neurodegeneration?. <i>Parkinsonism and Related Disorders</i> , <b>2015</b> , 21, 126-30	3.6	14
40	Broad clinical phenotype in Parkinsonism associated with a base pair deletion in RAB39B and additional POLG variant. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 31, 148-150	3.6	14
39	A neurodegenerative vascular burden index and the impact on cognition. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 161	5.3	13

38	Insulin sensitivity predicts cognitive decline in individuals with prediabetes. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	13
37	The Mutation Matters: CSF Profiles of GCase, Sphingolipids, $\beta$ Synuclein in PD. <i>Movement Disorders</i> , <b>2021</b> , 36, 1216-1228	7	12
36	Arm swing asymmetry in overground walking. <i>Scientific Reports</i> , <b>2018</b> , 8, 12803	4.9	11
35	Association between vestibulo-ocular reflex suppression, balance, gait, and fall risk in ageing and neurodegenerative disease: protocol of a one-year prospective follow-up study. <i>BMC Neurology</i> , <b>2015</b> , 15, 192	3.1	11
34	Soluble CD163 Changes Indicate Monocyte Association With Cognitive Deficits in Parkinson's Disease. <i>Movement Disorders</i> , <b>2021</b> , 36, 963-976	7	11
33	Intraindividual Neurofilament Dynamics in Serum Mark the Conversion to Sporadic Parkinson's Disease. <i>Movement Disorders</i> , <b>2020</b> , 35, 1233-1238	7	10
32	Prospective longitudinal course of cognition in older subjects with mild parkinsonian signs. <i>Alzheimers Research and Therapy</i> , <b>2016</b> , 8, 42	9	10
31	SNPs in A $\beta$ clearance proteins: Lower CSF A $\beta$ levels and earlier onset of dementia in PD. <i>Neurology</i> , <b>2017</b> , 89, 2335-2340	6.5	10
30	Dermal Phospho-Alpha-Synuclein Deposition in Patients With Parkinson's Disease and Mutation of the Glucocerebrosidase Gene. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 1094	4.1	10
29	CSF NFL in a Longitudinally Assessed PD Cohort: Age Effects and Cognitive Trajectories. <i>Movement Disorders</i> , <b>2020</b> , 35, 1138-1144	7	10
28	TCS in monogenic forms of Parkinson's disease. <i>International Review of Neurobiology</i> , <b>2010</b> , 90, 157-64	4.4	9
27	Genomewide Association Studies of LRRK2 Modifiers of Parkinson's Disease. <i>Annals of Neurology</i> , <b>2021</b> , 90, 76-88	9.4	9
26	Analysis of DNM3 and VAMP4 as genetic modifiers of LRRK2 Parkinson's disease. <i>Neurobiology of Aging</i> , <b>2021</b> , 97, 148.e17-148.e24	5.6	9
25	Deterioration of executive dysfunction in elderly with REM sleep behavior disorder (RBD). <i>Neurobiology of Aging</i> , <b>2018</b> , 70, 242-246	5.6	9
24	Association between CSF alpha-synuclein seeding activity and genetic status in Parkinson's disease and dementia with Lewy bodies. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 175	7.3	8
23	Phenylalanine Effects on Brain Function in Adult Phenylketonuria. <i>Neurology</i> , <b>2021</b> , 96, e399-e411	6.5	8
22	Polygenic load: Earlier disease onset but similar longitudinal progression in Parkinson's disease. <i>Movement Disorders</i> , <b>2018</b> , 33, 1349-1353	7	7
21	Gut Microbiome Signatures of Risk and Prodromal Markers of Parkinson Disease. <i>Annals of Neurology</i> , <b>2021</b> , 90, E1-E12	9.4	7

20	Parkinson's disease: evolution of cognitive impairment and CSF A $\beta$ profiles in a prospective longitudinal study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 165-170	5.5	7
19	Investigation of Autosomal Genetic Sex Differences in Parkinson's Disease. <i>Annals of Neurology</i> , <b>2021</b> , 90, 35-42	9.4	6
18	Clinical characteristics related to worsening of motor function assessed by the Unified Parkinson's Disease Rating Scale in the elderly population. <i>Journal of Neurology</i> , <b>2015</b> , 262, 451-8	5.5	4
17	Biallelic Parkin (PARK2) mutations can cause a bvFTD phenotype without clinically relevant parkinsonism. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 55, 145-147	3.6	4
16	CSF Protein Level of Neurotransmitter Secretion, Synaptic Plasticity, and Autophagy in PD and DLB. <i>Movement Disorders</i> , <b>2021</b> , 36, 2595-2604	7	4
15	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinson's Disease. <i>Journal of Parkinsons Disease</i> , <b>2021</b> ,	5.3	3
14	$\beta$ Synuclein in Plasma-Derived Extracellular Vesicles Is a Potential Biomarker of Parkinson's Disease. <i>Movement Disorders</i> , <b>2021</b> , 36, 2508-2518	7	3
13	Identification of sixteen novel candidate genes for late onset Parkinson's disease. <i>Molecular Neurodegeneration</i> , <b>2021</b> , 16, 35	19	3
12	-Associated Synucleinopathies: Prime Candidates for Alpha-Synuclein Targeting Compounds. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 562522	5.7	2
11	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study.. <i>Movement Disorders</i> , <b>2022</b> ,	7	2
10	The longevity gene Klotho and its cerebrospinal fluid protein profiles as a modifier for Parkinson's disease. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 1557-1565	6	2
9	CSF and Serum Levels of Inflammatory Markers in PD: Sparse Correlation, Sex Differences and Association With Neurodegenerative Biomarkers.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 834580	4.1	2
8	Finding genetically-supported drug targets for Parkinson's disease using Mendelian randomization of the druggable genome.. <i>Nature Communications</i> , <b>2021</b> , 12, 7342	17.4	2
7	Dual-Task Performance in GBA Parkinson's Disease. <i>Parkinsons Disease</i> , <b>2017</b> , 2017, 8582740	2.6	1
6	Changes in CD163+, CD11b+, and CCR2+ peripheral monocytes relate to Parkinson's disease and cognition.. <i>Brain, Behavior, and Immunity</i> , <b>2022</b> , 101, 182-193	16.6	1
5	Assessment von Alltagsfunktionen und Therapie bei Parkinson-Demenz. <i>Neurotransmitter</i> , <b>2018</b> , 29, 34-43	0.1	1
4	Abnormally reduced frontal cortex activity during Trail-Making-Test in prodromal parkinson's disease-a fNIRS study. <i>Neurobiology of Aging</i> , <b>2021</b> , 105, 148-158	5.6	1
3	Autonomic Symptoms in Older Adults Are Common and Associated With Health-Related Quality of Life. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 757748	4.1	0

- 2 GBA-associated PD: chances and obstacles for targeted treatment strategies. *Journal of Neural Transmission*, 4-3 ○
- 1 Blood and Cerebrospinal Fluid Biomarkers of Inflammation in Parkinson's Disease. *Journal of Parkinsons Disease*, 2022, 1-18 5-3 ○