Pascal Derkinderen

List of Publications by Year
in descending order

67 papers	4,627 citations	109321 35 h-index	102487 66 g-index
73 all docs	73 docs citations	73 times ranked	5175 citing authors

#	Article	IF	Citations
1	Colonic inflammation in Parkinson's disease. Neurobiology of Disease, 2013, 50, 42-48.	4.4	482
2	Colonic Biopsies to Assess the Neuropathology of Parkinson's Disease and Its Relationship with Symptoms. PLoS ONE, 2010, 5, e12728.	2.5	355
3	Prevalence, Determinants, and Effect on Quality of Life of Freezing of Gait in Parkinson Disease. JAMA Neurology, 2014, 71, 884.	9.0	241
4	The digestive neuronalâ€“glialâ€“epithelial unit: a new actor in gut health and disease. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 90-100.	17.8	215
5	Structural alterations of the intestinal epithelial barrier in Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2015, 3, 12.	5.2	204
6	The second brain and Parkinsonâ€™s disease. European Journal of Neuroscience, 2009, 30, 735-741.	2.6	189
7	Longitudinal analysis of impulse control disorders in Parkinson disease. Neurology, 2018, 91, e189-e201.	1.1	175
8	Tyrosine 394 Is Phosphorylated in Alzheimer's Paired Helical Filament Tau and in Fetal Tau with c-Abl as the Candidate Tyrosine Kinase. Journal of Neuroscience, 2005, 25, 6584-6593.	3.6	168
9	Does Parkinsonâ€™s disease start in the gut?. Acta Neuropathologica, 2018, 135, 1-12.	7.7	161
10	Enteric <scp>GFAP</scp> expression and phosphorylation in Parkinson's disease. Journal of Neurochemistry, 2014, 130, 805-815.	3.9	148
11	Bidirectional gut-to-brain and brain-to-gut propagation of synucleinopathy in non-human primates. Brain, 2020, 143, 1462-1475.	7.6	135
12	Enteric Glial Cells: Recent Developments and Future Directions. Gastroenterology, 2014, 147, 1230-1237.	1.3	134
13	A comparison between rectal and colonic biopsies to detect Lewy pathology in Parkinson's disease. Neurobiology of Disease, 2012, 45, 305-309.	4.4	128
14	Enteric glia promote intestinal mucosal healing via activation of focal adhesion kinase and release of proEGF. American Journal of Physiology - Renal Physiology, 2011, 300, G976-G987.	3.4	113
15	Enteric glial cells: New players in Parkinson's disease?. Movement Disorders, 2015, 30, 494-498.	3.9	99
16	Enteric glial cells protect neurons from oxidative stress in partviareduced glutathione. FASEB Journal, 2010, 24, 1082-1094.	0.5	91
17	Gut feelings about smoking and coffee in Parkinson's disease. Movement Disorders, 2014, 29, 976-979.	3.9	91
18	Tyrosine phosphorylation of tau regulates its interactions with Fyn SH2 domains, but not SH3 domains, altering the cellular localization of tau. FEBS Journal, 2011, 278, 2927-2937.	4.7	78

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19	Activityâ€dependent secretion of alphaâ€synuclein by enteric neurons. Journal of Neurochemistry, 2013, 125, 512-517.	3.9	77
20	The Search for a Peripheral Biopsy Indicator of Î±-Synuclein Pathology for Parkinson Disease. Journal of Neuropathology and Experimental Neurology, 2017, 76, nlw103.	1.7	73
21	The Gut and Parkinsonâ€™s Disease: Hype or Hope?. Journal of Parkinson's Disease, 2018, 8, S31-S39.	2.8	70
22	Multicenter Assessment of Immunohistochemical Methods for Pathological Alpha-Synuclein in Sigmoid Colon of Autopsied Parkinsonâ€™s Disease and Control Subjects. Journal of Parkinson's Disease, 2016, 6, 761-770.	2.8	68
23	Detection of alpha-synuclein aggregates in gastrointestinal biopsies by protein misfolding cyclic amplification. Neurobiology of Disease, 2019, 129, 38-43.	4.4	61
24	Evaluation of alpha-synuclein immunohistochemical methods for the detection of Lewy-type synucleinopathy in gastrointestinal biopsies. Acta Neuropathologica Communications, 2016, 4, 35.	5.2	59
25	Falls in ambulatory non-demented patients with Parkinsonâ€™s disease. Journal of Neural Transmission, 2015, 122, 1447-1455.	2.8	55
26	The Intestinal Barrier in Parkinsonâ€™s Disease: Current State of Knowledge. Journal of Parkinson's Disease, 2019, 9, S323-S329.	2.8	54
27	Is Parkinsonâ€™s disease a chronic low-grade inflammatory bowel disease?. Journal of Neurology, 2020, 267, 2207-2213.	3.6	54
28	Analysis of colonic alpha-synuclein pathology in multiple system atrophy. Parkinsonism and Related Disorders, 2012, 18, 893-895.	2.2	51
29	The gut in Parkinsonâ€™s disease: Bottomâ€up, topâ€down, or neither?. Neurogastroenterology and Motility, 2020, 32, e13777.	3.0	47
30	The microtubule-associated protein tau is phosphorylated by Syk. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 188-192.	4.1	46
31	REM sleep behavior disorder is related to enteric neuropathology in Parkinson disease. Neurology, 2017, 89, 1612-1618.	1.1	45
32	Tyrosine Phosphorylation of Tau by the Src Family Kinases Lck and Fyn. Molecular Neurodegeneration, 2011, 6, 12.	10.8	42
33	Can the gut be the missing piece in uncovering PD pathogenesis?. Parkinsonism and Related Disorders, 2019, 59, 26-31.	2.2	42
34	Randomized placebo-controlled trial of sodium valproate in progressive supranuclear palsy. Clinical Neurology and Neurosurgery, 2016, 146, 35-39.	1.4	41
35	Enteric alpha-synuclein expression is increased in Crohnâ€™s disease. Acta Neuropathologica, 2019, 137, 359-361.	7.7	41
36	Diagnostic value of minor salivary glands biopsy for the detection of Lewy pathology. Neuroscience Letters, 2013, 551, 62-64.	2.1	40

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37	Biopsable Neural Tissues: Toward New Biomarkers for Parkinson's Disease?. Frontiers in Psychiatry, 2010, 1, 128.	2.6	37
38	Appraisal of the Dopaminergic and Noradrenergic Innervation of the Submucosal Plexus in PD. Journal of Parkinson's Disease, 2014, 4, 571-576.	2.8	34
39	Heterogeneous pattern of autonomic dysfunction in Parkinsonâ€™s disease. Journal of Neurology, 2018, 265, 933-941.	3.6	34
40	Characterisation of tau in the human and rodent enteric nervous system under physiological conditions and in tauopathy. Acta Neuropathologica Communications, 2018, 6, 65.	5.2	32
41	Immunohistochemical Method and Histopathology Judging for the Systemic Synuclein Sampling Study (S4). Journal of Neuropathology and Experimental Neurology, 2018, 77, 793-802.	1.7	32
42	What a gastrointestinal biopsy can tell us about Parkinson's disease?. Neurogastroenterology and Motility, 2016, 28, 966-974.	3.0	28
43	Î±â€Synuclein expression is induced by depolarization and cyclic AMP in enteric neurons. Journal of Neurochemistry, 2010, 115, 694-706.	3.9	26
44	Crossâ€linking for the analysis of Î±â€synuclein in the enteric nervous system. Journal of Neurochemistry, 2016, 139, 839-847.	3.9	25
45	Acute inflammation downâ€regulates alphaâ€synuclein expression in enteric neurons. Journal of Neurochemistry, 2019, 148, 746-760.	3.9	20
46	Optimizing Western Blots for the Detection of Endogenous Î±-Synuclein in the Enteric Nervous System. Journal of Parkinson's Disease, 2015, 5, 765-772.	2.8	17
47	Biochemical analysis of Î±-synuclein extracted from control and Parkinsonâ€™s disease colonic biopsies. Neuroscience Letters, 2017, 641, 81-86.	2.1	17
48	Tau accumulates in Crohn's disease gut. FASEB Journal, 2020, 34, 9285-9296.	0.5	17
49	Cyclooxygenase 2 is upregulated in the gastrointestinal tract in Parkinson's disease. Movement Disorders, 2018, 33, 493-494.	3.9	15
50	Crohnâ€™s and Parkinson disease: is LRRK2 lurking around the corner?. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 330-331.	17.8	13
51	Utilization Patterns of Amantadine in Parkinsonâ€™s Disease Patients Enrolled in the French COPARK Study. Drugs and Aging, 2020, 37, 215-223.	2.7	11
52	Tau in the gut, does it really matter?. Journal of Neurochemistry, 2021, 158, 94-104.	3.9	11
53	French validation of the questionnaire for Impulsive-Compulsive Disorders in Parkinson's Diseaseâ€“Rating Scale (QUIP-RS). Parkinsonism and Related Disorders, 2019, 63, 117-123.	2.2	9
54	Colonic neuropathology is not associated with autonomic dysfunction in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 61, 224-227.	2.2	9

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55	Analysis of enteric nervous system and intestinal epithelial barrier to predict complications in Hirschsprungâ€™s disease. Scientific Reports, 2020, 10, 21725.	3.3	9
56	Colonic Neuropathology is Independent of Olfactory Dysfunction in Parkinson's Disease. Journal of Parkinson's Disease, 2011, 1, 389-394.	2.8	7
57	LRRK2 is reduced in Parkinsonâ€™s disease gut. Acta Neuropathologica, 2021, 142, 601-603.	7.7	7
58	Enteric alpha-synuclein pathology in LRRK2-G2019S Parkinson's disease. Parkinsonism and Related Disorders, 2017, 40, 83-84.	2.2	7
59	Dramatic improvement of refractory Isaacsâ€™ syndrome after treatment with dronabinol. Clinical Neurology and Neurosurgery, 2011, 113, 323-324.	1.4	4
60	Gastrointestinal mucosal biopsies in Parkinsonâ€™s disease: beyond alpha-synuclein detection. Journal of Neural Transmission, 2022, 129, 1095-1103.	2.8	4
61	Mild Chronic Colitis Triggers Parkinsonism in <scp>LRRK2</scp> Mutant Mice through Activating <scp>TNF</scp>â€Ì± Pathway. Movement Disorders, 2022, 37, 664-665.	3.9	4
62	Comparison of commercially available antibodies for the detection of phosphorylated alphaâ€synuclein in primary culture of ENS. Neurogastroenterology and Motility, 2022, , e14354.	3.0	4
63	LRRK2 Expression in the Enteric Nervous System: ENSuring Its Significance. Digestive Diseases and Sciences, 2017, 62, 826-827.	2.3	3
64	Excessive buccal saliva in patients with Parkinsonâ€™s disease of the French COPARK cohort. Journal of Neural Transmission, 2020, 127, 1607-1617.	2.8	3
65	Upregulation of enteric alpha-synuclein as a possible link between inflammatory bowel disease and Parkinsonâ€™s disease. Gut, 2020, 70, gutjnl-2020-323482.	12.1	2
66	Skin biopSYN or how to predict Parkinson's disease. Parkinsonism and Related Disorders, 2021, 86, 105-107.	2.2	2
67	STW5 (IberogastÂ®) for constipation in Parkinson's disease. Revue Neurologique, 2021, 177, 296-301.	1.5	1