

# Parkinson disease

Nature Reviews Disease Primers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The implication of neuron-immunoendocrine (NIE) modulatory network in the pathophysiological process of Parkinson's disease. Cellular and Molecular Life Sciences, 2017, 74, 3741-3768.	2.4	9
2	Magnetic resonance imaging for the diagnosis of Parkinson's disease. Journal of Neural Transmission, 2017, 124, 915-964.	1.4	178
3	Therapeutic approaches to target alpha-synuclein pathology. Experimental Neurology, 2017, 298, 225-235.	2.0	197
4	Clinical profiles associated with LRRK2 and GBA mutations in Brazilians with Parkinson's disease. Journal of the Neurological Sciences, 2017, 381, 160-164.	0.3	27
5	Ginsenosides Rd and Re co-treatments improve rotenone-induced oxidative stress and mitochondrial impairment in SH-SY5Y neuroblastoma cells. Food and Chemical Toxicology, 2017, 109, 38-47.	1.8	35
6	The Oligomer Hypothesis in $\alpha$ -Synucleinopathy. Neurochemical Research, 2017, 42, 3362-3371.	1.6	53
7	<sup>18</sup> F-FDG PET in Parkinsonism: Differential Diagnosis and Evaluation of Cognitive Impairment. Journal of Nuclear Medicine, 2017, 58, 1888-1898.	2.8	139
8	Quantitative susceptibility mapping differentiates between parkinsonian disorders. Parkinsonism and Related Disorders, 2017, 44, 51-57.	1.1	77
9	ASK1 in neurodegeneration. Advances in Biological Regulation, 2017, 66, 63-71.	1.4	40
10	On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivity-based single-subject classification. Human Brain Mapping, 2017, 38, 5845-5858.	1.9	35
11	Insulin signalling: new target for Parkinson's treatments?. Lancet, The, 2017, 390, 1628-1630.	6.3	4
12	Merging Clinical and Imaging Biomarkers to Tackle Parkinson's Disease. Movement Disorders Clinical Practice, 2017, 4, 652-662.	0.8	6
13	Expression patterns of key Sonic Hedgehog signaling pathway components in the developing and adult mouse midbrain and in the MN9D cell line. Cell and Tissue Research, 2017, 370, 211-225.	1.5	7
14	Drug Safety Analysis in a Real-Life Cohort of Parkinson's Disease Patients with Polypharmacy. CNS Drugs, 2017, 31, 1093-1102.	2.7	15
15	Current Status, Gaps, and Weaknesses of the Mechanism of Selective Dopaminergic Toxicity of MPTP/MPP+. Advances in Molecular Toxicology, 2017, 11, 81-122.	0.4	6
16	Mild Inflammatory Profile without Gliosis in the c-Rel Deficient Mouse Modeling a Late-Onset Parkinsonism. Frontiers in Aging Neuroscience, 2017, 9, 229.	1.7	12
17	Biological and Clinical Implications of Comorbidities in Parkinson's Disease. Frontiers in Aging Neuroscience, 2017, 9, 394.	1.7	67
18	Differential Effects of Parkinson's Disease on Interneuron Subtypes within the Human Anterior Olfactory Nucleus. Frontiers in Neuroanatomy, 2017, 11, 113.	0.9	19

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19	Running wheel exercise reduces $\alpha$ -synuclein aggregation and improves motor and cognitive function in a transgenic mouse model of Parkinson's disease. PLoS ONE, 2017, 12, e0190160.	1.1	65
20	The ER retention protein RER1 promotes alpha-synuclein degradation via the proteasome. PLoS ONE, 2017, 12, e0184262.	1.1	15
21	Ultra high-field SWI of the substantia nigra at 7T: reliability and consistency of the swallow-tail sign. BMC Neurology, 2017, 17, 194.	0.8	35
22	Machine Learning Based Approaches for SWEDD diagnosis in DaTSCAN SPECT imaging. , 2017, , .		2
23	Progress toward an integrated understanding of Parkinson's disease. F1000Research, 2017, 6, 1121.	0.8	23
24	ER's mitochondria signaling in Parkinson's disease. Cell Death and Disease, 2018, 9, 337.	2.7	118
25	Parkinson's disease genetic risk in a midbrain neuronal cell line. Neurobiology of Disease, 2018, 114, 53-64.	2.1	29
26	Prevalence of restless legs syndrome in Parkinson's disease: a systematic review and meta-analysis of observational studies. Sleep Medicine, 2018, 43, 40-46.	0.8	48
27	The level of 24-hydroxycholesterol esters decreases in plasma of patients with Parkinson's disease. Neuroscience Letters, 2018, 672, 108-112.	1.0	22
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35	Inhibition of $\alpha$ -Synuclein Amyloid Fibril Elongation by Blocking Fibril Ends. Angewandte Chemie, 2018, 130, 5792-5796.	1.6	4
36	Refolding of helical soluble $\alpha$ -synuclein through transient interaction with lipid interfaces. FEBS Letters, 2018, 592, 1464-1472.	1.3	38

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39	Disease Modification in Parkinson's Disease: Current Approaches, Challenges, and Future Considerations. <i>Movement Disorders</i> , 2018, 33, 660-677.	2.2	275
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42	Optical Structural Analysis of Individual $\alpha$ -Synuclein Oligomers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4886-4890.	7.2	40
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44	Optical Structural Analysis of Individual $\alpha$ -Synuclein Oligomers. <i>Angewandte Chemie</i> , 2018, 130, 4980-4984.	1.6	0
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46	From Genomics to Omics Landscapes of Parkinson's Disease: Revealing the Molecular Mechanisms. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 1-16.	1.0	38
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55	Cardiac abnormalities in Parkinson's disease and Parkinsonism. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 1-5.	0.8	100

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57	Alpha-synuclein mitochondrial interaction leads to irreversible translocation and complex I impairment. <i>Archives of Biochemistry and Biophysics</i> , 2018, 651, 1-12.	1.4	45
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59	Old wines in new bottles: Repurposing opportunities for Parkinson's disease. <i>European Journal of Pharmacology</i> , 2018, 830, 115-127.	1.7	15
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67	Immunization with $\alpha$ -synuclein/Grp94 reshapes peripheral immunity and suppresses microgliosis in a chronic Parkinsonism model. <i>Glia</i> , 2018, 66, 191-205.	2.5	24
68	Cognitive and behavioral disorders in Parkinson's disease: an update. I: cognitive impairments. <i>Neurological Sciences</i> , 2018, 39, 215-223.	0.9	81
69	Nano-carrier enabled drug delivery systems for nose to brain targeting for the treatment of neurodegenerative disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 295-310.	1.4	86
70	Nutritional habits, risk, and progression of Parkinson disease. <i>Journal of Neurology</i> , 2018, 265, 12-23.	1.8	45
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73	In vivo models of alpha-synuclein transmission and propagation. <i>Cell and Tissue Research</i> , 2018, 373, 183-193.	1.5	51

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81	miRNA-based signatures in cerebrospinal fluid as potential diagnostic tools for early stage Parkinson's disease. <i>Oncotarget</i> , 2018, 9, 17455-17465.	0.8	94
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85	NOP Receptor Ligands and Parkinson's Disease. <i>Handbook of Experimental Pharmacology</i> , 2018, 254, 213-232.	0.9	9
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89	EEG Microstates Change in Response to Increase in Dopaminergic Stimulation in Typical Parkinson's Disease Patients. <i>Frontiers in Neuroscience</i> , 2018, 12, 714.	1.4	29
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91	Serum Inflammatory Profile for the Discrimination of Clinical Subtypes in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 1123.	1.1	19

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92	Quantifying Dynamic Balance in Young, Elderly and Parkinson's Individuals: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 387.	1.7	46
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108	Technology-based assessment of motor and nonmotor phenomena in Parkinson disease. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 825-845.	1.4	31
109	Speech disorders in Parkinson's disease: pathophysiology, medical management and surgical approaches. <i>Neurodegenerative Disease Management</i> , 2018, 8, 337-348.	1.2	66

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113	Inflammasome inhibition prevents $\alpha$ -synuclein pathology and dopaminergic neurodegeneration in mice. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	493
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116	A Cortical Pathogenic Theory of Parkinson's Disease. <i>Neuron</i> , 2018, 99, 1116-1128.	3.8	108
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125	Full sequencing and haplotype analysis of <i>MAPT</i> in Parkinson's disease and rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2018, 33, 1016-1020.	2.2	31
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127	Protective effects of hydroxytyrosol against $\alpha$ -synuclein toxicity on PC12 cells and fibril formation. <i>Food and Chemical Toxicology</i> , 2018, 120, 41-49.	1.8	26



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129	Progression Rate Associated Peripheral Blood Biomarkers of Parkinson's Disease. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 312-318.	1.1	12
130	Relationships between gait and emotion in Parkinson's disease: A narrative review. <i>Gait and Posture</i> , 2018, 65, 57-64.	0.6	54
131	Smartphone Allows Capture of Speech Abnormalities Associated With High Risk of Developing Parkinson's Disease. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1495-1507.	2.7	77
132	Evidence for dopaminergic axonal degeneration as an early pathological process in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 56, 9-15.	1.1	58
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135	Anti-Parkinson Potential of Silymarin: Mechanistic Insight and Therapeutic Standing. <i>Frontiers in Pharmacology</i> , 2018, 9, 422.	1.6	63
136	Multi-Target Protective Effects of Gintonin in 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-Mediated Model of Parkinson's Disease via Lysophosphatidic Acid Receptors. <i>Frontiers in Pharmacology</i> , 2018, 9, 515.	1.6	44
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140	Secondary carbamate linker can facilitate the sustained release of dopamine from brain-targeted prodrug. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2856-2860.	1.0	21
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142	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018, 5, 53.	1.2	71
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144	Alpha-Synuclein: From Early Synaptic Dysfunction to Neurodegeneration. <i>Frontiers in Neurology</i> , 2018, 9, 295.	1.1	138
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146	Do We Need to Rethink the Epidemiology and Healthcare Utilization of Parkinson's Disease in Germany?. <i>Frontiers in Neurology</i> , 2018, 9, 500.	1.1	45
147	Parkinson's Disease Skin Fibroblasts Display Signature Alterations in Growth, Redox Homeostasis, Mitochondrial Function, and Autophagy. <i>Frontiers in Neuroscience</i> , 2017, 11, 737.	1.4	52
148	Linking Glycation and Glycosylation With Inflammation and Mitochondrial Dysfunction in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 381.	1.4	51
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151	Emerging Biosensing Technologies for Neuroinflammatory and Neurodegenerative Disease Diagnostics. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 164.	1.4	25
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155	Long-term neurotoxic effects of domoic acid on primary dopaminergic neurons. <i>Toxicology in Vitro</i> , 2018, 52, 279-285.	1.1	4
156	Activity of translation regulator eukaryotic elongation factor-2 kinase is increased in Parkinson disease brain and its inhibition reduces alpha synuclein toxicity. <i>Acta Neuropathologica Communications</i> , 2018, 6, 54.	2.4	48
157	LRRK2 G2019S Parkinson's disease with more benign phenotype than idiopathic. <i>Acta Neurologica Scandinavica</i> , 2018, 138, 425-431.	1.0	22
158	Prevention of progression in Parkinson's disease. <i>BioMetals</i> , 2018, 31, 737-747.	1.8	58
159	Parkinson Disease. , 2018, , 83-91.		0
160	Determinants of dopaminergic neuron loss in Parkinson's disease. <i>FEBS Journal</i> , 2018, 285, 3657-3668.	2.2	251
161	Plin4-Dependent Lipid Droplets Hamper Neuronal Mitophagy in the MPTP/p-Induced Mouse Model of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 397.	1.4	63
162	Mitochondrial dysfunction in protein conformational disorders. <i>Journal of Genetics</i> , 2018, 97, 703-713.	0.4	1
163	MicroRNA-7 facilitates the degradation of alpha-synuclein and its aggregates by promoting autophagy. <i>Neuroscience Letters</i> , 2018, 678, 118-123.	1.0	47

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1956	Protective Effects of Polysaccharides in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	9
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2010	The association between urinary pentosidine levels and cognition in drug-naïve patients with Parkinson's disease. <i>Neurological Sciences</i> , 2022, 43, 6323-6328.	0.9	1
2011	Identification of ADP/ATP Translocase 1 as a Novel Glycoprotein and Its Association with Parkinson's Disease. <i>Neurochemical Research</i> , 2022, 47, 3355-3368.	1.6	1
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2185	Exercise training has a protective effect in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine mice model with improved neural and intestinal pathology and modified intestinal flora. <i>Behavioural Brain Research</i> , 2023, 439, 114240.	1.2	2
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2188	Detection of freezing of gait episodes in patients with parkinson's disease using electroencephalography and motion sensors: A protocol and its feasibility results. <i>Neurological Sciences and Neurophysiology</i> , 2022, 39, 200.	0.1	0
2189	Management of Fluctuating Parkinsonâ€™s Disease: From Science to Clinical Wisdom. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 34-39.	3.0	0
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2191	Parkinson's Disease Classification with Self-supervised Learning and Attention Mechanism. , 2022, , .		1
2192	Research on Innovative Design of Auxiliary Rehabilitation Training Suits for Parkinson's Disease Based on AHP/SET/TRIZ Integration. , 2022, , .		0
2194	Thiocyanate Reduces Motor Impairment in the hMPO-A53T PD Mouse Model While Reducing MPO-Oxidation of Alpha Synuclein in Enlarged LYVE1/AQP4 Positive Periventricular Glymphatic Vessels. <i>Antioxidants</i> , 2022, 11, 2342.	2.2	1
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2198	The effects of bioactive components from the rhizome of <i>gastrodia elata blume (Tianma)</i> on the characteristics of Parkinsonâ€™s disease. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	11
2199	The Effects of Dietary Interventions on Brain Aging and Neurological Diseases. <i>Nutrients</i> , 2022, 14, 5086.	1.7	9
2200	Levodopa-Induced Dyskinesia in Parkinsonâ€™s Disease: Pathogenesis and Emerging Treatment Strategies. <i>Cells</i> , 2022, 11, 3736.	1.8	24
2201	Unveiling sex-based differences in Parkinson's disease: a comprehensive meta-analysis of transcriptomic studies. <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	20
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2204	Association between Parkinson's Disease Medication and the Risk of Lower Urinary Tract Infection (LUTI): A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 7077.	1.0	0
2205	A Focus on Astrocyte Contribution to Parkinson's Disease Etiology. <i>Biomolecules</i> , 2022, 12, 1745.	1.8	3
2206	ParkinSense: A Novel Approach to Remote Idiopathic Parkinson's Disease Diagnosis, Severity Profiling, and Telemonitoring via Ensemble Learning and Multimodal Data Fusion on Webcam-Derived Digital Biomarkers. , 2022, , .		0
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2211	A novel Î±-ketoamide reactivity-based two-photon fluorogenic probe for visualizing peroxynitrite in Parkinson's disease models. <i>Journal of Innovative Optical Health Sciences</i> , 0, , .	0.5	1
2213	Ganoderic Acid A targeting <i>leucineâ€rich repeat kinase 2</i> involved in Parkinson's diseaseâ€A computational study. <i>Aging Medicine (Milton (N S W))</i> , 2023, 6, 272-280.	0.9	2
2214	Transcriptomic analyses reveal neuronal specificity of Leigh syndrome associated genes. <i>Journal of Inherited Metabolic Disease</i> , 2023, 46, 243-260.	1.7	3
2215	Gastrointestinal biopsy of normal mucosa or nonspecific inflammation and risk of neurodegenerative disease: Nationwide matched cohort study. <i>European Journal of Neurology</i> , 0, , .	1.7	1
2216	Relevance of biochemical deep phenotyping for a personalised approach to Parkinson's disease. <i>Neuroscience</i> , 2022, , .	1.1	3
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2229	Antiparkinsonian Agents in Investigational Polymeric Micro- and Nano-Systems. <i>Pharmaceutics</i> , 2023, 15, 13.	2.0	2
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2231	Association between serum lipid levels over time and risk of Parkinsonâ€™s disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
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2254	<i>Sophora alopecuroides</i> Alleviates Neuroinflammation and Oxidative Damage of Parkinson's Disease <i>In Vitro</i> and <i>In Vivo</i> . <i>The American Journal of Chinese Medicine</i> , 2023, 51, 309-328.	1.5	2
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2257	Validation of the cross-cultural dementia screening test in Alzheimer's disease and Parkinson's disease. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
2258	Circadian rhythms in the blood-brain barrier: impact on neurological disorders and stress responses. <i>Molecular Brain</i> , 2023, 16, .	1.3	17
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2268	Delivery of Biomimetic Liposomes via Meningeal Lymphatic Vessels Route for Targeted Therapy of Parkinson's Disease. <i>Research</i> , 2023, 6, .	2.8	3
2269	Applications of microphysiological systems to disease models in the biopharmaceutical industry: Opportunities and challenges. <i>ALTEX: Alternatives To Animal Experimentation</i> , 0, , .	0.9	2
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2271	Morphologic brain network predicts levodopa responsiveness in Parkinson disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
2272	4-Aminopyridine Protects Nigral Dopaminergic Neurons in the MPTP Mouse Model of Parkinson's Disease. <i>Neurochemical Research</i> , 2023, 48, 1707-1715.	1.6	1
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2287	Role and Dysregulation of miRNA in Patients with Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 712.	1.8	8
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2358	Pros and cons for statins use and risk of Parkinson's disease: An updated perspective. <i>Pharmacology Research and Perspectives</i> , 2023, 11, .	1.1	17
2359	Functional and structural alterations as diagnostic imaging markers for depression in de novo Parkinson's disease. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
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