

Parkinson's Disease: Genetics and Pathogenesis

Annual Review of Pathology: Mechanisms of Disease
6, 193-222

DOI: [10.1146/annurev-pathol-011110-130242](https://doi.org/10.1146/annurev-pathol-011110-130242)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Leucine-Rich Repeat Kinase 2 (LRRK2) Cellular Biology: A Review of Recent Advances in Identifying Physiological Substrates and Cellular Functions. <i>Journal of Neurogenetics</i> , 2011, 25, 140-151.	0.6	40
2	Proteostasis and Movement Disorders: Parkinson's Disease and Amyotrophic Lateral Sclerosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a007500-a007500.	2.3	55
3	Structural Role of Compensatory Amino Acid Replacements in the α -Synuclein Protein. <i>Biochemistry</i> , 2011, 50, 6994-7001.	1.2	25
4	Mechanisms underlying NMDA receptor synaptic/extrasynaptic distribution and function. <i>Molecular and Cellular Neurosciences</i> , 2011, 48, 308-320.	1.0	164
5	Biomarkers of Parkinson's disease and Dementia with Lewy bodies. <i>Progress in Neurobiology</i> , 2011, 95, 601-613.	2.8	32
6	Tau Reduction Does Not Prevent Motor Deficits in Two Mouse Models of Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e29257.	1.1	45
7	Traumatic brain injury and dopaminergic degeneration: the long-term risks require greater attention. <i>Neurodegenerative Disease Management</i> , 2011, 1, 433-435.	1.2	2
8	The Role of the Blood Brain Barrier in Neurodegenerative Disorders and their Treatment. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 643-656.	1.2	59
9	Modelling of Parkinson's disease in mice. <i>Lancet Neurology</i> , The, 2011, 10, 1108-1118.	4.9	165
10	Akt as a Victim, Villain and Potential Hero in Parkinson's Disease Pathophysiology and Treatment. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 969-978.	1.7	62
11	Parkin control: regulation of PGC-1 α through PARIS in Parkinson's disease. <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 427-429.	1.2	29
12	Genetic therapy for the nervous system. <i>Human Molecular Genetics</i> , 2011, 20, R28-R41.	1.4	62
13	Modeling Neurological Disorders by Human Induced Pluripotent Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-11.	3.0	12
14	Is Pesticide Use Related to Parkinson Disease? Some Clues to Heterogeneity in Study Results. <i>Environmental Health Perspectives</i> , 2012, 120, 340-347.	2.8	175
15	The Role of Free Radicals in the Aging Brain and Parkinson's Disease: Convergence and Parallelism. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10478-10504.	1.8	174
16	Toward Personalized Cell Therapies by Using Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-2.	3.0	3
17	Resting state brain networks and their implications in neurodegenerative disease. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
18	Compositions and methods for treatment of Parkinson's disease: a patent evaluation of WO2011/102847A1. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 181-184.	2.4	1

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19	Mitochondrial Disturbances, Tryptophan Metabolites and Neurodegeneration: Medicinal Chemistry Aspects. <i>Current Medicinal Chemistry</i> , 2012, 19, 1899-1920.	1.2	53
20	Perspectives on molecular targeted therapies and clinical trials for neurodegenerative diseases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 329-335.	0.9	47
21	Polymorphisms in Neuropsychiatric and Neuroinflammatory Disorders and the Role of Next Generation Sequencing in Early Diagnosis and Treatment. <i>Advances in Protein Chemistry and Structural Biology</i> , 2012, 89, 85-116.	1.0	2
22	Translational Research in Neurology. <i>Archives of Neurology</i> , 2012, 69, 969-77.	4.9	13
23	The Coming Epidemic of Neurologic Disorders: What Science Is “ and Should Be “ Doing About It. <i>Daedalus</i> , 2012, 141, 98-107.	0.9	16
25	Discovery and verification of panels of T-lymphocyte proteins as biomarkers of Parkinson's disease. <i>Scientific Reports</i> , 2012, 2, 953.	1.6	38
26	Annonamine, a New Aporphine Alkaloid from the Leaves of <i>Annona muricata</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 257-259.	0.6	38
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28	The physiology and pathobiology of human kallikrein-related peptidase 6 (KLK6). <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 211-33.	1.4	45
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30	Neurobiology of cognitive impairment in Parkinson’s disease. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 1451-1466.	1.4	53
31	9- <i>Methylacridine</i> -induced cognitive enhancement is associated with elevated hippocampal dopamine levels and dendritic and synaptic proliferation. <i>Journal of Neurochemistry</i> , 2012, 121, 924-931.	2.1	18
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36	Genetic analysis of the LAMP-2 gene promoter in patients with sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2012, 526, 63-67.	1.0	35
37	Genetic analysis of SIRT1 gene promoter in sporadic Parkinson’s disease. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 693-696.	1.0	39

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39	LRRK2 expression is enriched in the striosomal compartment of mouse striatum. Neurobiology of Disease, 2012, 48, 582-593.	2.1	57
40	Evolution of Neurodegeneration. Current Biology, 2012, 22, R753-R761.	1.8	18
41	Drosophila as a Model to Study Mitochondrial Dysfunction in Parkinson's Disease. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a009944-a009944.	2.9	76
42	The Adverse Effects of Air Pollution on the Nervous System. Journal of Toxicology, 2012, 2012, 1-23.	1.4	438
43	Induced Pluripotent Stem Cells to Model and Treat Neurogenetic Disorders. Neural Plasticity, 2012, 2012, 1-15.	1.0	20
44	Oxidative Stress in Genetic Mouse Models of Parkinson's Disease. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-25.	1.9	71
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54	Synaptic Protein Alterations in Parkinson's Disease. Molecular Neurobiology, 2012, 45, 126-143.	1.9	27
55	Neuroprotective effects of human mesenchymal stem cells on neural cultures exposed to 6-hydroxydopamine: implications for reparative therapy in Parkinson's disease. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 289-304.	2.2	28

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56	Parkin, PINK1 and mitochondrial integrity: emerging concepts of mitochondrial dysfunction in Parkinson's disease. <i>Acta Neuropathologica</i> , 2012, 123, 173-188.	3.9	118
57	Intrabodies as Neuroprotective Therapeutics. <i>Neurotherapeutics</i> , 2013, 10, 447-458.	2.1	32
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59	Evolutionary Development of Neural Systems in Vertebrates and Beyond. <i>Journal of Neurogenetics</i> , 2013, 27, 69-85.	0.6	18
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67	Diffusion tensor imaging and correlations to Parkinson rating scales. <i>Journal of Neurology</i> , 2013, 260, 2823-2830.	1.8	42
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72	The vesicular monoamine transporter (VMAT-2) inhibitor tetrabenazine induces tremulous jaw movements in rodents: Implications for pharmacological models of parkinsonian tremor. <i>Neuroscience</i> , 2013, 250, 507-519.	1.1	21
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81	Chicken DT40 cell line lacking DJ-1, the gene responsible for familial Parkinson's disease, displays mitochondrial dysfunction. <i>Neuroscience Research</i> , 2013, 77, 228-233.	1.0	6
82	Harnessing advances in structural MRI to enhance research on Parkinson's disease. <i>Imaging in Medicine</i> , 2013, 5, 91-94.	0.0	8
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89	The Pharmacology of Regenerative Medicine. <i>Pharmacological Reviews</i> , 2013, 65, 1091-1133.	7.1	48
90	Translational research on disease-modifying therapies for neurodegenerative diseases. <i>Neurology and Clinical Neuroscience</i> , 2013, 1, 3-10.	0.2	4
91	Parkin overexpression during aging reduces proteotoxicity, alters mitochondrial dynamics, and extends lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8638-8643.	3.3	278

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92	Aberrant Alternative Splicing Events in Parkinson's Disease. <i>Cell Transplantation</i> , 2013, 22, 653-661.	1.2	39
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103	Molecular Chaperone Dysfunction in Neurodegenerative Diseases and Effects of Curcumin. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	94
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108	DICE, an efficient system for iterative genomic editing in human pluripotent stem cells. <i>Nucleic Acids Research</i> , 2014, 42, e34-e34.	6.5	94
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110	The role of the LRRK2 gene in Parkinsonism. <i>Molecular Neurodegeneration</i> , 2014, 9, 47.	4.4	180

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124	Common defects of mitochondria and iron in neurodegeneration and diabetes (MIND): A paradigm worth exploring. Biochemical Pharmacology, 2014, 88, 573-583.	2.0	13
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127	Targeting heat shock proteins to modulate α -synuclein toxicity. Therapeutic Advances in Neurological Disorders, 2014, 7, 33-51.	1.5	53
128	Cav1.3 channels control D2-autoreceptor responses via NCS-1 in substantia nigra dopamine neurons. Brain, 2014, 137, 2287-2302.	3.7	103

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137	Upregulation of human PINK1 gene expression by NF κ B signalling. <i>Molecular Brain</i> , 2014, 7, 57.	1.3	18
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139	Preventing α -synuclein aggregation: The role of the small heat-shock molecular chaperone proteins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1830-1843.	1.8	70
140	Verification of a Parkinson's Disease Protein Signature in T-Lymphocytes by Multiple Reaction Monitoring. <i>Journal of Proteome Research</i> , 2014, 13, 3554-3561.	1.8	17
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151	Fractional anisotropy in the substantia nigra in Parkinson's disease: a complex picture. <i>European Journal of Neurology</i> , 2015, 22, 1408-1414.	1.7	44
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154	Neuroinflammation in Multiple System Atrophy: Response to and Cause of α -Synuclein Aggregation. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 437.	1.8	77
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156	The Diagnostic and Differential Diagnosis Utility of Cerebrospinal Fluid α -Synuclein Levels in Parkinson's Disease: A Meta-Analysis. <i>Parkinson's Disease</i> , 2015, 2015, 1-11.	0.6	45
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161	Performance evaluation of combined feature selection and classification methods in diagnosing parkinson disease based on voice feature. , 2015, ,		11
162	Flies with Parkinson's disease. <i>Experimental Neurology</i> , 2015, 274, 42-51.	2.0	29
163	Dopamine midbrain neurons in health and Parkinson's disease: Emerging roles of voltage-gated calcium channels and ATP-sensitive potassium channels. <i>Neuroscience</i> , 2015, 284, 798-814.	1.1	118
164	Class-IIa Histone Deacetylase Inhibition Promotes the Growth of Neural Processes and Protects Them Against Neurotoxic Insult. <i>Molecular Neurobiology</i> , 2015, 51, 1432-1442.	1.9	31
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170	Genetic Models of Parkinson's Disease. , 2015, , 289-314.		0
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