

Lorraine V Kalia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

6,774

citations

27

h-index

65

g-index

65

ext. papers

8,174

ext. citations

8.6

avg, IF

6.7

L-index

#	Paper	IF	Citations
62	Parkinson's disease. <i>Lancet, The</i> , 2015 , 386, 896-912	40	2652
61	Src kinases: a hub for NMDA receptor regulation. <i>Nature Reviews Neuroscience</i> , 2004 , 5, 317-28	13.5	625
60	Glycine binding primes NMDA receptor internalization. <i>Nature</i> , 2003 , 422, 302-7	50.4	339
59	NMDA receptors in clinical neurology: excitatory times ahead. <i>Lancet Neurology, The</i> , 2008 , 7, 742-55	24.1	333
58	Unbiased screen for interactors of leucine-rich repeat kinase 2 supports a common pathway for sporadic and familial Parkinson disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2626-31	11.5	282
57	βSynuclein oligomers and clinical implications for Parkinson disease. <i>Annals of Neurology</i> , 2013 , 73, 155-69	19.4	209
56	Clinical correlations with Lewy body pathology in LRRK2-related Parkinson disease. <i>JAMA Neurology</i> , 2015 , 72, 100-5	17.2	191
55	Tyrosine phosphatase STEP is a tonic brake on induction of long-term potentiation. <i>Neuron</i> , 2002 , 34, 127-38	13.9	171
54	Disease-modifying strategies for Parkinson's disease. <i>Movement Disorders</i> , 2015 , 30, 1442-50	7	146
53	Severity of chronic pain and its relationship to quality of life in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2005 , 11, 322-7	5	136
52	Neto1 is a novel CUB-domain NMDA receptor-interacting protein required for synaptic plasticity and learning. <i>PLoS Biology</i> , 2009 , 7, e41	9.7	134
51	Src in synaptic transmission and plasticity. <i>Oncogene</i> , 2004 , 23, 8007-16	9.2	130
50	Schizophrenia susceptibility pathway neuregulin 1-ErbB4 suppresses Src upregulation of NMDA receptors. <i>Nature Medicine</i> , 2011 , 17, 470-8	50.5	126
49	Animal models of βsynucleinopathy for Parkinson disease drug development. <i>Nature Reviews Neuroscience</i> , 2017 , 18, 515-529	13.5	120
48	Parkinson disease in 2015: Evolving basic, pathological and clinical concepts in PD. <i>Nature Reviews Neurology</i> , 2016 , 12, 65-6	15	113
47	Ubiquitinylation of βsynuclein by carboxyl terminus Hsp70-interacting protein (CHIP) is regulated by Bcl-2-associated athanogene 5 (BAG5). <i>PLoS ONE</i> , 2011 , 6, e14695	3.7	98
46	βSynuclein-Based Animal Models of Parkinson's Disease: Challenges and Opportunities in a New Era. <i>Trends in Neurosciences</i> , 2016 , 39, 750-762	13.3	92

45	Pathogenesis-targeted, disease-modifying therapies in Parkinson disease. <i>Neurotherapeutics</i> , 2014 , 11, 6-23	6.4	89
44	Novel nondopaminergic targets for motor features of Parkinson's disease: review of recent trials. <i>Movement Disorders</i> , 2013 , 28, 131-44	7	84
43	Interactions between Src family protein tyrosine kinases and PSD-95. <i>Neuropharmacology</i> , 2003 , 45, 720-35	8.5	82
42	Differential frequency dependence of P2Y1- and P2Y2- mediated Ca ²⁺ signaling in astrocytes. <i>Journal of Neuroscience</i> , 2003 , 23, 4437-44	6.6	75
41	βSynuclein and Lewy pathology in Parkinson's disease. <i>Current Opinion in Neurology</i> , 2015 , 28, 375-81	7.1	63
40	Disease modification and biomarker development in Parkinson disease: Revision or reconstruction?. <i>Neurology</i> , 2020 , 94, 481-494	6.5	60
39	PSD-95 is a negative regulator of the tyrosine kinase Src in the NMDA receptor complex. <i>EMBO Journal</i> , 2006 , 25, 4971-82	13	51
38	βSynuclein and Parkinsonism: Updates and Future Perspectives. <i>Current Neurology and Neuroscience Reports</i> , 2017 , 17, 31	6.6	46
37	Direct detection of alpha synuclein oligomers in vivo. <i>Acta Neuropathologica Communications</i> , 2013 , 1, 6	7.3	37
36	Deep brain stimulation: potential for neuroprotection. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 174-185	5.3	30
35	Early-onset impairment of the ubiquitin-proteasome system in dopaminergic neurons caused by βSynuclein. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 17	7.3	27
34	Biomarkers for cognitive dysfunction in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018 , 46 Suppl 1, S19-S23	3.6	27
33	LRRK2 and βSynuclein: Distinct or Synergistic Players in Parkinson's Disease?. <i>Frontiers in Neuroscience</i> , 2020 , 14, 577	5.1	23
32	Chaperone-Based Therapies for Disease Modification in Parkinson's Disease. <i>Parkinson's Disease</i> , 2017 , 2017, 5015307	2.6	20
31	Repetitive transcranial magnetic stimulation plus standardized suggestion of benefit for functional movement disorders: an open label case series. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 407-12	3.6	17
30	Bcl-2-associated athanogene 5 (BAG5) regulates Parkin-dependent mitophagy and cell death. <i>Cell Death and Disease</i> , 2019 , 10, 907	9.8	17
29	Parkinsonism due to A53E βSynuclein gene mutation: Clinical, genetic, epigenetic, and biochemical features. <i>Movement Disorders</i> , 2018 , 33, 1950-1955	7	12
28	Emerging disease-modifying strategies targeting βSynuclein for the treatment of Parkinson's disease. <i>British Journal of Pharmacology</i> , 2018 , 175, 3080-3089	8.6	10

27	Merging DBS with viral vector or stem cell implantation: "hybrid" stereotactic surgery as an evolution in the surgical treatment of Parkinson's disease. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 15051	6.4	10
26	Diagnostic biomarkers for Parkinson's disease: focus on β synuclein in cerebrospinal fluid. <i>Parkinsonism and Related Disorders</i> , 2019 , 59, 21-25	3.6	10
25	COVID-19 Vaccination for Persons with Parkinson's Disease: Light at the End of the Tunnel?. <i>Journal of Parkinson's Disease</i> , 2021 , 11, 3-8	5.3	10
24	The eIF2 α kinase HRI triggers the autophagic clearance of cytosolic protein aggregates. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100050	5.4	9
23	Recent Advances in the Development of Stem-Cell-Derived Dopaminergic Neuronal Transplant Therapies for Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 1772-1780	7	8
22	Methods for detecting toxic β synuclein species as a biomarker for Parkinson's disease. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020 , 57, 291-307	9.4	6
21	The clinical significance of lower limb tremors. <i>Parkinsonism and Related Disorders</i> , 2019 , 65, 165-171	3.6	5
20	Identifying drugs with disease-modifying potential in Parkinson's disease using artificial intelligence and pharmacoepidemiology. <i>Pharmacoepidemiology and Drug Safety</i> , 2020 , 29, 864-872	2.6	5
19	Tremor in Spinocerebellar Ataxia Type 12. <i>Movement Disorders Clinical Practice</i> , 2014 , 1, 76-78	2.2	5
18	Hemichorea-hemiballism associated with hyperglycemia and a developmental venous anomaly. <i>Neurology</i> , 2012 , 78, 838-9	6.5	5
17	Thoracic myelopathy from coincident fluorosis and epidural lipomatosis. <i>Canadian Journal of Neurological Sciences</i> , 2010 , 37, 276-8	1	5
16	Is there a role for MR-guided focused ultrasound in Parkinson's disease?. <i>Movement Disorders</i> , 2018 , 33, 575-579	7	4
15	[F]AV-1451 binding and postmortem pathology of CBD. <i>Movement Disorders</i> , 2018 , 33, 1360-1361	7	4
14	Cost-effectiveness analysis of MR-guided focused ultrasound thalamotomy for tremor-dominant Parkinson's disease. <i>Journal of Neurosurgery</i> , 2020 , 1-6	3.2	4
13	Regulation of Parkin-dependent mitophagy by Bcl-2-associated athanogene (BAG) family members. <i>Neural Regeneration Research</i> , 2021 , 16, 684-685	4.5	4
12	Expert comment: "A case of missing pathology in a patient with LRRK2 Parkinson's disease". <i>Parkinsonism and Related Disorders</i> , 2020 , 74, 78-79	3.6	3
11	C-terminus of Hsp70 Interacting Protein (CHIP) and Neurodegeneration: Lessons from the Bench and Bedside. <i>Current Neuropharmacology</i> , 2021 , 19, 1038-1068	7.6	3
10	Small molecule inhibitors of β synuclein oligomers identified by targeting early dopamine-mediated motor impairment in <i>C. elegans</i> . <i>Molecular Neurodegeneration</i> , 2021 , 16, 77	19	2

9	Complex genomic rearrangement in SPG11 due to a DNA replication-based mechanism. <i>Movement Disorders</i> , 2017 , 32, 1792-1794	7	1
8	Deep Brain Stimulation of the Medial Septal Nucleus Induces Expression of a Virally Delivered Reporter Gene in Dentate Gyrus. <i>Frontiers in Neuroscience</i> , 2020 , 14, 463	5.1	1
7	Occurrence of Amyotrophic Lateral Sclerosis in Type 1 Gaucher Disease. <i>Neurology: Genetics</i> , 2021 , 7, e600	3.8	1
6	Using artificial intelligence to identify anti-hypertensives as possible disease modifying agents in Parkinson's disease. <i>Pharmacoepidemiology and Drug Safety</i> , 2021 , 30, 201-209	2.6	1
5	Semi-Quantitative Determination of Dopaminergic Neuron Density in the Substantia Nigra of Rodent Models using Automated Image Analysis. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	1
4	BAG5 Promotes Alpha-Synuclein Oligomer Formation and Functionally Interacts With the Autophagy Adaptor Protein p62. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 716	5.7	0
3	Botulinum Toxin-Associated Prolonged Remission of Idiopathic Cervical Dystonia. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-5	1	0
2	Exploiting the aggregation properties of alpha-synuclein for diagnostic purposes. <i>Movement Disorders</i> , 2017 , 32, 106	7	
1	An Intelligent Diagnosis: SMART Syndrome. <i>American Journal of Medicine</i> , 2021 , 134, 863-865	2.4	