Rina Bandopadhyay

List of Publications by Year
in descending order

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54	5,032	159585	155660
papers	citations	30 h-index	55 g-index

58	58	58	6975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pathological Relevance of Post-Translationally Modified Alpha-Synuclein (pSer87, pSer129, nTyr39) in Idiopathic Parkinsonâ€™s Disease and Multiple System Atrophy. Cells, 2022, 11, 906.	4.1	14
2	Trafficking of the glutamate transporter is impaired in LRRK2-related Parkinsonâ€™s disease. Acta Neuropathologica, 2022, 144, 81-106.	7.7	22
3	LRRK2 G2019S kinase activity triggers neurotoxic NSF aggregation. Brain, 2021, 144, 1509-1525.	7.6	17
4	Abrogation of LRRK2 dependent Rab10 phosphorylation with TLR4 activation and alterations in evoked cytokine release in immune cells. Neurochemistry International, 2021, 147, 105070.	3.8	18
5	In silico comparative analysis of LRRK2 interactomes from brain, kidney and lung. Brain Research, 2021, 1765, 147503.	2.2	6
6	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition	9.1	1,430
7	Mutations in LRRK2 linked to Parkinson disease sequester Rab8a to damaged lysosomes and regulate transferrin-mediated iron uptake in microglia. PLoS Biology, 2021, 19, e3001480.	5.6	48
8	Pathophysiological implications of RNP granules in frontotemporal dementia and ALS. Neurochemistry International, 2020, 140, 104819.	3.8	5
9	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimerâ€™s Disease Gene Expression Data. Journal of Alzheimer's Disease, 2020, 75, 1417-1435.	2.6	18
10	Physiological and pathological roles of LRRK2 in the nuclear envelope integrity. Human Molecular Genetics, 2019, 28, 3982-3996.	2.9	19
11	Vesicular Dysfunction and the Pathogenesis of Parkinsonâ€™s Disease: Clues From Genetic Studies. Frontiers in Neuroscience, 2019, 13, 1381.	2.8	20
12	mTOR independent alteration in ULK1 Ser758 phosphorylation following chronic LRRK2 kinase inhibition. Bioscience Reports, 2018, 38, .	2.4	16
13	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimerâ€™s Disease Data. Genes, 2018, 9, 593.	2.4	15
14	Analysis of macroautophagy related proteins in G2019S LRRK2 Parkinsonâ€™s disease brains with Lewy body pathology. Brain Research, 2018, 1701, 75-84.	2.2	25
15	LRRK2 levels and phosphorylation in Parkinson's disease brain and cases with restricted Lewy bodies. Movement Disorders, 2017, 32, 423-432.	3.9	39
16	SUMOylation and ubiquitination reciprocally regulate Î±-synuclein degradation and pathological aggregation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13176-13181.	7.1	131
17	Expression of DJ-1 in Neurodegenerative Disorders. Advances in Experimental Medicine and Biology, 2017, 1037, 25-43.	1.6	28
18	Parkinsonâ€™s Disease: Basic Pathomechanisms and a Clinical Overview. Advances in Neurobiology, 2017, 15, 55-92.	1.8	2

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19	The presence of heterogeneous nuclear ribonucleoproteins in frontotemporal lobar degeneration with FUS-positive inclusions. Neurobiology of Aging, 2016, 46, 192-203.	3.1	20
20	mTOR independent regulation of macroautophagy by Leucine Rich Repeat Kinase 2 via Beclin-1. Scientific Reports, 2016, 6, 35106.	3.3	69
21	Sequential Extraction of Soluble and Insoluble Alpha-Synuclein from Parkinsonian Brains. Journal of Visualized Experiments, 2016, , .	0.3	22
22	Cellular processes associated with <scp>LRRK</scp>2 function and dysfunction. FEBS Journal, 2015, 282, 2806-2826.	4.7	144
23	Leucineâ€rich repeat kinase 2 interacts with p21â€activated kinase 6 to control neurite complexity in mammalian brain. Journal of Neurochemistry, 2015, 135, 1242-1256.	3.9	57
24	Functional interaction of Parkinson's disease-associated LRRK2 with members of the dynamin GTPase superfamily. Human Molecular Genetics, 2014, 23, 2055-2077.	2.9	113
25	Parkinson's disease-linked mutations in VPS35 induce dopaminergic neurodegeneration. Human Molecular Genetics, 2014, 23, 4621-4638.	2.9	126
26	GTP binding controls complex formation by the human ROCO protein MASL 1. FEBS Journal, 2014, 281, 261-274.	4.7	13
27	Neuropathological features of genetically confirmed DYT1 dystonia: investigating disease-specific inclusions. Acta Neuropathologica Communications, 2014, 2, 159.	5.2	21
28	Arsenite Stress Down-regulates Phosphorylation and 14-3-3 Binding of Leucine-rich Repeat Kinase 2 (LRRK2), Promoting Self-association and Cellular Redistribution. Journal of Biological Chemistry, 2014, 289, 21386-21400.	3.4	38
29	A Parkinson's disease gene regulatory network identifies the signaling protein RGS2 as a modulator of LRRK2 activity and neuronal toxicity. Human Molecular Genetics, 2014, 23, 4887-4905.	2.9	45
30	Dysregulation of glucose metabolism is an early event in sporadic Parkinson's disease. Neurobiology of Aging, 2014, 35, 1111-1115.	3.1	174
31	Critical role for DOK1 in PDGF-BB stimulated glioma cell invasion via p130Cas and Rap1 signalling. Journal of Cell Science, 2014, 127, 2647-58.	2.0	15
32	Inhibition of LRRK2 kinase activity stimulates macroautophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2900-2910.	4.1	124
33	Pathogenic Parkinsonâ€™s disease mutations across the functional domains of LRRK2 alter the autophagic/lysosomal response to starvation. Biochemical and Biophysical Research Communications, 2013, 441, 862-866.	2.1	79
34	TDP-43 pathology in a patient carrying G2019S LRRK2Âmutation and a novel p.Q124E MAPT. Neurobiology of Aging, 2013, 34, 2889.e5-2889.e9.	3.1	41
35	Divergent Î±-synuclein solubility and aggregation properties in G2019S LRRK2 Parkinson's disease brains with Lewy Body pathology compared to idiopathic cases. Neurobiology of Disease, 2013, 58, 183-190.	4.4	44
36	AF-6 is a positive modulator of the PINK1/parkin pathway and is deficient in Parkinson's disease. Human Molecular Genetics, 2013, 22, 2083-2096.	2.9	25

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37	Fine-Mapping, Gene Expression and Splicing Analysis of the Disease Associated LRRK2 Locus. PLoS ONE, 2013, 8, e70724.	2.5	45
38	Phosphorylation of 4E-BP1 in the Mammalian Brain Is Not Altered by LRRK2 Expression or Pathogenic Mutations. PLoS ONE, 2012, 7, e47784.	2.5	39
39	Pathogenic LRRK2 Mutations Do Not Alter Gene Expression in Cell Model Systems or Human Brain Tissue. PLoS ONE, 2011, 6, e22489.	2.5	27
40	Globular glial tauopathies (GGT) presenting with motor neuron disease or frontotemporal dementia: an emerging group of 4-repeat tauopathies. Acta Neuropathologica, 2011, 122, 415-428.	7.7	67
41	Transportin1: a marker of FTLD-FUS. Acta Neuropathologica, 2011, 122, 591-600.	7.7	58
42	A comparative clinical, pathological, biochemical and genetic study of fused in sarcoma proteinopathies. Brain, 2011, 134, 2548-2564.	7.6	76
43	Î±-Synuclein fate is determined by USP9X-regulated monoubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18666-18671.	7.1	154
44	Brain stem pathology in Parkinson's disease: An evaluation of the Braak staging model. Movement Disorders, 2010, 25, 2508-2515.	3.9	117
45	Pathogenesis of Parkinson's disease: emerging role of molecular chaperones. Trends in Molecular Medicine, 2010, 16, 27-36.	6.7	72
46	Differential DJ-1 gene expression in Parkinson's disease. Neurobiology of Disease, 2009, 36, 393-400.	4.4	42
47	TDP-43 in ubiquitinated inclusions in the inferior olives in frontotemporal lobar degeneration and in other neurodegenerative diseases: a degenerative process distinct from normal ageing. Acta Neuropathologica, 2009, 118, 359-369.	7.7	30
48	Post-transcriptional regulation of mRNA associated with DJ-1 in sporadic Parkinson disease. Neuroscience Letters, 2009, 452, 8-11.	2.1	73
49	DJ-1 (PARK7) is associated with 3R and 4R tau neuronal and glial inclusions in neurodegenerative disorders. Neurobiology of Disease, 2007, 28, 122-132.	4.4	32
50	Kinase activity is required for the toxic effects of mutant LRRK2/dardarin. Neurobiology of Disease, 2006, 23, 329-341.	4.4	683
51	Synphilin-1 and parkin show overlapping expression patterns in human brain and form aggresomes in response to proteasomal inhibition. Neurobiology of Disease, 2005, 20, 401-411.	4.4	40
52	Development, characterisation and epitope mapping of novel monoclonal antibodies for DJ-1 (PARK7) protein. Neuroscience Letters, 2005, 383, 225-230.	2.1	11
53	The expression of DJ-1 (PARK7) in normal human CNS and idiopathic Parkinson's disease. Brain, 2004, 127, 420-430.	7.6	404
54	No pathogenic mutations in the synphilin-1 gene in Parkinson's disease. Neuroscience Letters, 2001, 307, 125-127.	2.1	18