

Claudia Manzoni

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.

61

papers

6,914

citations

26

h-index

65

g-index

65

ext. papers

8,459

ext. citations

7.5

avg, IF

5.14

L-index

#	Paper	IF	Citations
61	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
60	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , 2019 , 18, 1091-1102	24.1	562
59	Synthetic amyloid-beta oligomers impair long-term memory independently of cellular prion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2295-300	11.5	371
58	A recessive mutation in the APP gene with dominant-negative effect on amyloidogenesis. <i>Science</i> , 2009 , 323, 1473-7	33.3	306
57	Genome, transcriptome and proteome: the rise of omics data and their integration in biomedical sciences. <i>Briefings in Bioinformatics</i> , 2018 , 19, 286-302	13.4	293
56	The SIRT1 activator resveratrol protects SK-N-BE cells from oxidative stress and against toxicity caused by alpha-synuclein or amyloid-beta (1-42) peptide. <i>Journal of Neurochemistry</i> , 2009 , 110, 1445-56 ⁶		209
55	Genetic and phenotypic characterization of complex hereditary spastic paraplegia. <i>Brain</i> , 2016 , 139, 1904-18	11.8	123
54	Inhibition of LRRK2 kinase activity stimulates macroautophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 2900-2910	4.9	109
53	Cellular processes associated with LRRK2 function and dysfunction. <i>FEBS Journal</i> , 2015 , 282, 2806-26	5.7	101
52	Pathogenic Parkinson's disease mutations across the functional domains of LRRK2 alter the autophagic/lysosomal response to starvation. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 441, 862-6	3.4	66
51	Dysfunction of the autophagy/lysosomal degradation pathway is a shared feature of the genetic synucleinopathies. <i>FASEB Journal</i> , 2013 , 27, 3424-9	0.9	55
50	mTOR independent regulation of macroautophagy by Leucine Rich Repeat Kinase 2 via Beclin-1. <i>Scientific Reports</i> , 2016 , 6, 35106	4.9	54
49	LRRK2 and human disease: a complicated question or a question of complexes?. <i>Science Signaling</i> , 2012 , 5, pe2	8.8	54
48	Conformational plasticity of the Gerstmann-Strüssler-Scheinker disease peptide as indicated by its multiple aggregation pathways. <i>Journal of Molecular Biology</i> , 2008 , 381, 1349-61	6.5	53
47	The LRRK2-macroautophagy axis and its relevance to Parkinson's disease. <i>Biochemical Society Transactions</i> , 2017 , 45, 155-162	5.1	48
46	Tetracycline prevents A β oligomer toxicity through an atypical supramolecular interaction. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 463-72	3.9	45
45	LRRK2 and Autophagy. <i>Advances in Neurobiology</i> , 2017 , 14, 89-105	2.1	38

44	Computational analysis of the LRRK2 interactome. <i>PeerJ</i> , 2015 , 3, e778	3.1	38
43	The molecular assembly of amyloid α controls its neurotoxicity and binding to cellular proteins. <i>PLoS ONE</i> , 2011 , 6, e24909	3.7	35
42	Divergent β -synuclein solubility and aggregation properties in G2019S LRRK2 Parkinson's disease brains with Lewy Body pathology compared to idiopathic cases. <i>Neurobiology of Disease</i> , 2013 , 58, 183-90	7.5	34
41	Overcoming synthetic Abeta peptide aging: a new approach to an age-old problem. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2009 , 16, 71-80	2.7	33
40	Neurotoxic and gliotrophic activity of a synthetic peptide homologous to Gerstmann-Strussler-Scheinker disease amyloid protein. <i>Journal of Neuroscience</i> , 2007 , 27, 1576-83	6.6	33
39	Gerstmann-Strussler-Scheinker disease amyloid protein polymerizes according to the "dock-and-lock" model. <i>Journal of Biological Chemistry</i> , 2006 , 281, 843-9	5.4	31
38	Genetics and molecular mechanisms of frontotemporal lobar degeneration: an update and future avenues. <i>Neurobiology of Aging</i> , 2019 , 78, 98-110	5.6	31
37	Weighted Protein Interaction Network Analysis of Frontotemporal Dementia. <i>Journal of Proteome Research</i> , 2017 , 16, 999-1013	5.6	28
36	Pathogenic LRRK2 mutations do not alter gene expression in cell model systems or human brain tissue. <i>PLoS ONE</i> , 2011 , 6, e22489	3.7	27
35	A C6orf10/LOC101929163 locus is associated with age of onset in C9orf72 carriers. <i>Brain</i> , 2018 , 141, 2895-2907	11.2	25
34	Comparative Protein Interaction Network Analysis Identifies Shared and Distinct Functions for the Human ROCO Proteins. <i>Proteomics</i> , 2018 , 18, e1700444	4.8	23
33	Analysis of macroautophagy related proteins in G2019S LRRK2 Parkinson's disease brains with Lewy body pathology. <i>Brain Research</i> , 2018 , 1701, 75-84	3.7	20
32	LRRK2 and autophagy: a common pathway for disease. <i>Biochemical Society Transactions</i> , 2012 , 40, 1147-51	5.1	19
31	The LRRK2 signalling system. <i>Cell and Tissue Research</i> , 2018 , 373, 39-50	4.2	18
30	Preclinical modeling of chronic inhibition of the Parkinson's disease associated kinase LRRK2 reveals altered function of the endolysosomal system in vivo. <i>Molecular Neurodegeneration</i> , 2021 , 16, 17	19	17
29	Identification of Candidate Parkinson Disease Genes by Integrating Genome-Wide Association Study, Expression, and Epigenetic Data Sets. <i>JAMA Neurology</i> , 2021 , 78, 464-472	17.2	17
28	Stratification of candidate genes for Parkinson's disease using weighted protein-protein interaction network analysis. <i>BMC Genomics</i> , 2018 , 19, 452	4.5	17
27	Tau Mutations Serve as a Novel Risk Factor for Cancer. <i>Cancer Research</i> , 2018 , 78, 3731-3739	10.1	17

26	Rare variants in LRRK1 and Parkinson's disease. <i>Neurogenetics</i> , 2014 , 15, 49-57	3	13
25	mTOR independent alteration in ULK1 Ser758 phosphorylation following chronic LRRK2 kinase inhibition. <i>Bioscience Reports</i> , 2018 , 38,	4.1	12
24	GTP binding controls complex formation by the human ROCO protein MASL1. <i>FEBS Journal</i> , 2014 , 281, 261-74	5.7	12
23	GTP binding and intramolecular regulation by the ROC domain of Death Associated Protein Kinase 1. <i>Scientific Reports</i> , 2012 , 2, 695	4.9	10
22	PINOT: an intuitive resource for integrating protein-protein interactions. <i>Cell Communication and Signaling</i> , 2020 , 18, 92	7.5	8
21	LRRK2: a problem lurking in vesicle trafficking?. <i>Journal of Neuroscience</i> , 2011 , 31, 9787-8	6.6	8
20	Leucine-rich repeat kinase 2 and lysosomal dyshomeostasis in Parkinson disease. <i>Journal of Neurochemistry</i> , 2020 , 152, 273-283	6	8
19	Protein network analysis reveals selectively vulnerable regions and biological processes in FTD. <i>Neurology: Genetics</i> , 2018 , 4, e266	3.8	7
18	Network Analysis for Complex Neurodegenerative Diseases. <i>Current Genetic Medicine Reports</i> , 2020 , 8, 17-25	2.2	6
17	MIR-NATs repress MAPT translation and aid proteostasis in neurodegeneration. <i>Nature</i> , 2021 , 594, 117-124	5.4	6
16	Genetic variation across RNA metabolism and cell death gene networks is implicated in the semantic variant of primary progressive aphasia. <i>Scientific Reports</i> , 2019 , 9, 10854	4.9	5
15	, age at onset, and ancestry help discriminate behavioral from language variants in FTL D cohorts. <i>Neurology</i> , 2020 , 95, e3288-e3302	6.5	5
14	Integration of eQTL and Parkinson's disease GWAS data implicates 11 disease genes		4
13	Advances in protein-protein interaction network analysis for Parkinson's disease. <i>Neurobiology of Disease</i> , 2021 , 155, 105395	7.5	4
12	Integrating protein networks and machine learning for disease stratification in the Hereditary Spastic Paraplegias. <i>iScience</i> , 2021 , 24, 102484	6.1	3
11	An integrated genomic approach to dissect the genetic landscape regulating the cell-to-cell transfer of Synuclein. <i>Cell Reports</i> , 2021 , 35, 109189	10.6	3
10	Measuring Lactase Enzymatic Activity in the Teaching Lab. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
9	Regulation of mitophagy by the NSL complex underlies genetic risk for Parkinson's disease at Chr16q11.2 and on the MAPT H1 allele		2

8	SLITRK2, an X-linked modifier of the age at onset in C9orf72 frontotemporal lobar degeneration. <i>Brain</i> , 2021 , 144, 2798-2811	11.2	2
7	[O20302]: PROTEIN NETWORK ANALYSIS TO PRIORITIZE CANDIDATE GENES AND PATHWAYS FOR SPORADIC DISEASE: A COMPARISON BETWEEN FRONTOTEMPORAL DEMENTIA AND PARKINSON'S DISEASE 2017 , 13, P555		1
6	The Roc domain of LRRK2 as a hub for protein-protein interactions: a focus on PAK6 and its impact on RAB phosphorylation.. <i>Brain Research</i> , 2022 , 1778, 147781	3.7	1
5	Genetic Risk Factors for Sporadic Frontotemporal Dementia 2018 , 147-186		1
4	PKA-mediated phosphorylation of SPG11/spatacsin regulates binding with a subset of 14-3-3 proteins		1
3	Mendelian and Sporadic FTD: Disease Risk and Avenues from Genetics to Disease Pathways Through In Silico Modelling. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1281, 283-296	3.6	1
2	Protein interaction network analysis reveals genetic enrichment of immune system genes in frontotemporal dementia.. <i>Neurobiology of Aging</i> , 2022 , 116, 67-79	5.6	0
1	Exploration of the endo-lysosomal pathway genes in frontotemporal dementia: The use of protein-protein interaction networks to prioritize rare-variant association analysis results. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043624	1.2	