

Lih-Shen Chin

List of Publications by Year in descending order

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56
papers

15,552
citations

117625

34
h-index

149698

56
g-index

56
all docs

56
docs citations

56
times ranked

28473
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
4	PINK1 Protects against Oxidative Stress by Phosphorylating Mitochondrial Chaperone TRAP1. <i>PLoS Biology</i> , 2007, 5, e172.	5.6	547
5	Conditional Knock-Out of $Kir4.1$ Leads to Glial Membrane Depolarization, Inhibition of Potassium and Glutamate Uptake, and Enhanced Short-Term Synaptic Potentiation. <i>Journal of Neuroscience</i> , 2007, 27, 11354-11365.	3.6	528
6	Oxidative Modifications and Down-regulation of Ubiquitin Carboxyl-terminal Hydrolase L1 Associated with Idiopathic Parkinson's and Alzheimer's Diseases. <i>Journal of Biological Chemistry</i> , 2004, 279, 13256-13264.	3.4	520
7	Oxidative Damage of DJ-1 Is Linked to Sporadic Parkinson and Alzheimer Diseases. <i>Journal of Biological Chemistry</i> , 2006, 281, 10816-10824.	3.4	430
8	Parkin-mediated K63-linked polyubiquitination targets misfolded DJ-1 to aggresomes via binding to HDAC6. <i>Journal of Cell Biology</i> , 2007, 178, 1025-1038.	5.2	309
9	Oxidative Modifications and Aggregation of Cu,Zn-Superoxide Dismutase Associated with Alzheimer and Parkinson Diseases. <i>Journal of Biological Chemistry</i> , 2005, 280, 11648-11655.	3.4	257
10	Familial Parkinson's Disease-associated L166P Mutation Disrupts DJ-1 Protein Folding and Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 8506-8515.	3.4	253
11	Hrs Interacts with Sorting Nexin 1 and Regulates Degradation of Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 7069-7078.	3.4	172
12	Phosphorylation of parkin by Parkinson disease-linked kinase PINK1 activates parkin E3 ligase function and NF- κ B signaling. <i>Human Molecular Genetics</i> , 2010, 19, 352-363.	2.9	172
13	Parkin-mediated K63-linked polyubiquitination: A signal for targeting misfolded proteins to the aggresome-autophagy pathway. <i>Autophagy</i> , 2008, 4, 85-87.	9.1	160
14	Ubiquitination of α -synuclein by Siah-1 promotes α -synuclein aggregation and apoptotic cell death. <i>Human Molecular Genetics</i> , 2007, 17, 906-917.	2.9	150
15	Regulation of Synaptophysin Degradation by Mammalian Homologues of Seven in Absentia. <i>Journal of Biological Chemistry</i> , 2002, 277, 10273-10282.	3.4	148
16	Integrated proteomics and network analysis identifies protein hubs and network alterations in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 19.	5.2	126
17	Spongiform Neurodegeneration-associated E3 Ligase Mahogunin Ubiquitylates TSG101 and Regulates Endosomal Trafficking. <i>Molecular Biology of the Cell</i> , 2007, 18, 1129-1142.	2.1	125
18	Parkinson disease protein DJ-1 converts from a zymogen to a protease by carboxyl-terminal cleavage. <i>Human Molecular Genetics</i> , 2010, 19, 2395-2408.	2.9	125

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19	Distinct Roles of Synapsin I and Synapsin II during Neuronal Development. <i>Molecular Medicine</i> , 1998, 4, 22-28.	4.4	122
20	Parkin-mediated ubiquitin signalling in aggresome formation and autophagy. <i>Biochemical Society Transactions</i> , 2010, 38, 144-149.	3.4	117
21	Crystal structure of DJ-1/RS and implication on familial Parkinson's disease. <i>FEBS Letters</i> , 2003, 549, 171-175.	2.8	110
22	Staring, a Novel E3 Ubiquitin-Protein Ligase That Targets Syntaxin 1 for Degradation. <i>Journal of Biological Chemistry</i> , 2002, 277, 35071-35079.	3.4	103
23	SNIP, a Novel SNAP-25-interacting Protein Implicated in Regulated Exocytosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 1191-1200.	3.4	96
24	Huntingtin-associated Protein 1 Interacts with Hepatocyte Growth Factor-regulated Tyrosine Kinase Substrate and Functions in Endosomal Trafficking. <i>Journal of Biological Chemistry</i> , 2002, 277, 28212-28221.	3.4	88
25	Dystonia-associated mutations cause premature degradation of torsinA protein and cell-type-specific mislocalization to the nuclear envelope. <i>Human Molecular Genetics</i> , 2008, 17, 2712-2722.	2.9	75
26	Mutations associated with Charcot-Marie-Tooth disease cause SIMPLE protein mislocalization and degradation by the proteasome and aggresome autophagy pathways. <i>Journal of Cell Science</i> , 2011, 124, 3319-3331.	2.0	67
27	Charcot-Marie-Tooth disease-linked protein SIMPLE functions with the ESCRT machinery in endosomal trafficking. <i>Journal of Cell Biology</i> , 2012, 199, 799-816.	5.2	64
28	Ubiquitin C-Terminal Hydrolase L1 in Tumorigenesis. <i>Biochemistry Research International</i> , 2012, 2012, 1-10.	3.3	63
29	Integrative glycoproteomics reveals protein N-glycosylation aberrations and glycoproteomic network alterations in Alzheimer's disease. <i>Science Advances</i> , 2020, 6, .	10.3	56
30	Spring, a Novel RING Finger Protein That Regulates Synaptic Vesicle Exocytosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 40824-40833.	3.4	49
31	Selective enrichment of DJ-1 protein in primate striatal neuronal processes: Implications for Parkinson's disease. <i>Journal of Comparative Neurology</i> , 2007, 500, 585-599.	1.6	47
32	Hypertonia-Associated Protein Trak1 Is a Novel Regulator of Endosome-to-Lysosome Trafficking. <i>Journal of Molecular Biology</i> , 2008, 382, 638-651.	4.2	45
33	GRIF1 binds Hrs and is a new regulator of endosomal trafficking. <i>Journal of Cell Science</i> , 2006, 119, 4689-4701.	2.0	39
34	Parkin-mediated K63-polyubiquitination targets ubiquitin C-terminal hydrolase L1 for degradation by the autophagy-lysosome system. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1811-1824.	5.4	36
35	The Beet Western Yellows Virus ST9-Associated RNA Shares Structural and Nucleotide Sequence Homology with Carmo-like Viruses. <i>Virology</i> , 1993, 192, 473-482.	2.4	35
36	Ubiquitin phosphorylation in Parkinson's disease: Implications for pathogenesis and treatment. <i>Translational Neurodegeneration</i> , 2016, 5, 1.	8.0	32

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37	The ubiquitin-proteasome system in spongiform degenerative disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 700-712.	3.8	31
38	Differential submitochondrial localization of PINK1 as a molecular switch for mediating distinct mitochondrial signaling pathways. <i>Cellular Signalling</i> , 2015, 27, 2543-2554.	3.6	31
39	Postsynaptic Element Contributes to the Delay in Synaptogenesis in Synapsin I-Deficient Neurons. <i>Molecular and Cellular Neurosciences</i> , 1996, 8, 286-299.	2.2	30
40	Hypertonia-linked protein Trak1 functions with mitofusins to promote mitochondrial tethering and fusion. <i>Protein and Cell</i> , 2018, 9, 693-716.	11.0	30
41	Printor, a Novel TorsinA-interacting Protein Implicated in Dystonia Pathogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 21765-21775.	3.4	28
42	Parkin Protects Against Misfolded SOD1 Toxicity by Promoting Its Aggresome Formation and Autophagic Clearance. <i>Molecular Neurobiology</i> , 2016, 53, 6270-6287.	4.0	28
43	TDP-43 cytoplasmic inclusion formation is disrupted in C9orf72-associated amyotrophic lateral sclerosis/frontotemporal lobar degeneration. <i>Brain Communications</i> , 2019, 1, fcz014.	3.3	28
44	Motor and sensory neuropathy due to myelin infolding and paranodal damage in a transgenic mouse model of Charcot-Marie-Tooth disease type 1C. <i>Human Molecular Genetics</i> , 2013, 22, 1755-1770.	2.9	27
45	Role of DJ-1 in Modulating Glycative Stress in Heart Failure. <i>Journal of the American Heart Association</i> , 2020, 9, e014691.	3.7	26
46	Localization of the Synapsin II (SYN2) Gene to Human Chromosome 3 and Mouse Chromosome 6. <i>Genomics</i> , 1995, 28, 365-366.	2.9	24
47	Proteomic analysis reveals Hrs ubiquitin-interacting motif-mediated ubiquitin signaling in multiple cellular processes. <i>FEBS Journal</i> , 2009, 276, 118-131.	4.7	24
48	Dysregulation of ErbB Receptor Trafficking and Signaling in Demyelinating Charcot-Marie-Tooth Disease. <i>Molecular Neurobiology</i> , 2017, 54, 87-100.	4.0	23
49	Protein misfolding and clearance in demyelinating peripheral neuropathies. <i>Communicative and Integrative Biology</i> , 2012, 5, 107-110.	1.4	19
50	TorsinA protein degradation and autophagy in DYT1 dystonia. <i>Autophagy</i> , 2009, 5, 82-84.	9.1	12
51	Transcriptional regulation of gene expression of Sec6, a component of mammalian exocyst complex at the synapse. <i>Molecular Brain Research</i> , 2000, 79, 127-137.	2.3	10
52	SIMPLE: A new regulator of endosomal trafficking and signaling in health and disease. <i>Communicative and Integrative Biology</i> , 2013, 6, e24214.	1.4	10
53	Neuron-specific and developmental regulation of the synapsin II gene expression in transgenic mice. <i>Molecular Brain Research</i> , 1999, 67, 239-246.	2.3	8
54	DJ-1 attenuates the glycation of mitochondrial complex I and complex III in the post-ischemic heart. <i>Scientific Reports</i> , 2021, 11, 19408.	3.3	7

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55	Differential Analysis of N-glycopeptide Abundance and N-glycosylation Site Occupancy for Studying Protein N-glycosylation Dysregulation in Human Disease. <i>Bio-protocol</i> , 2021, 11, e4059.	0.4	2
56	Therapeutic implications of protein homeostasis in demyelinating peripheral neuropathies. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 1041-1043.	2.8	1