

Rub n G mez-S nchez

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

7,537
citations

331259

21
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

16286
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.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	4.3	1,430
3	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. <i>Journal of Cell Biology</i> , 2018, 217, 2743-2763.	2.3	194
4	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 121-136.	2.4	148
5	Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: Modulation by the Nrf2/Trx axis. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1370-1381.	1.3	120
6	Human VPS13A is associated with multiple organelles and influences mitochondrial morphology and lipid droplet motility. <i>ELife</i> , 2019, 8, .	2.8	114
7	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. <i>NeuroToxicology</i> , 2011, 32, 935-943.	1.4	70
8	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. <i>Nature Communications</i> , 2017, 8, 295.	5.8	70
9	Mitochondria-Associated Membranes (MAMs): Overview and Its Role in Parkinsonâ€™s Disease. <i>Molecular Neurobiology</i> , 2017, 54, 6287-6303.	1.9	60
10	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. <i>EMBO Reports</i> , 2017, 18, 765-780.	2.0	59
11	Membrane supply and remodeling during autophagosome biogenesis. <i>Current Opinion in Cell Biology</i> , 2021, 71, 112-119.	2.6	56
12	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinsonâ€™s Disease Patients. <i>Molecular Neurobiology</i> , 2019, 56, 2466-2481.	1.9	50
13	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , 2014, 62, 426-440.	2.1	49
14	ASK1 Overexpression Accelerates Paraquat-Induced Autophagy via Endoplasmic Reticulum Stress. <i>Toxicological Sciences</i> , 2011, 119, 156-168.	1.4	48
15	Vac8 spatially confines autophagosome formation at the vacuole. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	48
16	G2019S LRRK2 mutant fibroblasts from Parkinsonâ€™s disease patients show increased sensitivity to neurotoxin 1-methyl-4-phenylpyridinium dependent of autophagy. <i>Toxicology</i> , 2014, 324, 1-9.	2.0	40
17	mRNA and protein dataset of autophagy markers (LC3 and p62) in several cell lines. <i>Data in Brief</i> , 2016, 7, 641-647.	0.5	39
18	Curcumin exposure induces expression of the Parkinson's disease-associated leucine-rich repeat kinase 2 (LRRK2) in rat mesencephalic cells. <i>Neuroscience Letters</i> , 2010, 468, 120-124.	1.0	27

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19	Routine Western blot to check autophagic flux: Cautions and recommendations. <i>Analytical Biochemistry</i> , 2015, 477, 13-20.	1.1	25
20	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. <i>Autophagy</i> , 2012, 8, 1537-1539.	4.3	23
21	PINK1 deficiency enhances autophagy and mitophagy induction. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1046579.	0.3	18
22	Acetylome in Human Fibroblasts From Parkinson's Disease Patients. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 97.	1.8	15
23	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 51-59.	1.2	13
24	Is the Modulation of Autophagy the Future in the Treatment of Neurodegenerative Diseases?. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 2152-2174.	1.0	11
25	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. <i>NeuroToxicology</i> , 2010, 31, 701-708.	1.4	8
26	IFDOTMETER: A New Software Application for Automated Immunofluorescence Analysis. <i>Journal of the Association for Laboratory Automation</i> , 2016, 21, 246-259.	2.8	7
27	Parkinson's Disease: Leucine-Rich Repeat Kinase 2 and Autophagy, Intimate Enemies. <i>Parkinson's Disease</i> , 2012, 2012, 1-9.	0.6	6
28	The Basics of Autophagy. , 2016, , 3-20.		6
29	Pompe Disease and Autophagy: Partners in Crime, or Cause and Consequence?. <i>Current Medicinal Chemistry</i> , 2016, 23, 2275-2285.	1.2	6
30	Autophagy, mitochondria and 3-aminopropionic acid joined in the same model. <i>British Journal of Pharmacology</i> , 2013, 168, 60-62.	2.7	5
31	DJ-1 as a Modulator of Autophagy: An Hypothesis. <i>Scientific World Journal, The</i> , 2010, 10, 1574-1579.	0.8	4
32	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , 2012, 40, 1129-1133.	1.6	4
33	Mitochondria: Key Organelle in Parkinson's Disease. <i>Parkinson's Disease</i> , 2016, 2016, 1-2.	0.6	3
34	G2019S Mutation of LRRK2 Increases Autophagy via MEK/ERK Pathway. , 2016, , 123-142.		2
35	Monitoring the Formation of Autophagosomal Precursor Structures in Yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Enzymology</i> , 2017, 588, 323-365.	0.4	2
36	Control of Autophagy in Parkinson's Disease. <i>Current Topics in Neurotoxicity</i> , 2015, , 91-122.	0.4	1

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37	Autophagy: A Possible Defense Mechanism in Parkinson's Disease?. , 0, , .		0
38	Paraquat, Between Apoptosis and Autophagy. , 0, , .		0
39	Links Between Paraquat and Parkinson's Disease. , 2014, , 819-842.		0