Rubn Gmez-Snchez

List of Publications by Year in Descending Order

37 papers	5,275 citations	19 h-index	41 g-index
41 ext. papers	6,567 ext. citations	5.8 avg, IF	3.91 L-index

#	Paper	IF	Citations
37	Membrane supply and remodeling during autophagosome biogenesis. *Current Opinion in Cell Biology*, **2021**, 71, 112-119	9	11
36	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
35	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinson's Disease Patients. *Molecular Neurobiology*, **2019**, 56, 2466-2481	6.2	30
34	Human VPS13A is associated with multiple organelles and influences mitochondrial morphology and lipid droplet motility. *ELife*, **2019**, 8,	8.9	71
33	Vac8 spatially confines autophagosome formation at the vacuole in. *Journal of Cell Science*, **2019**, 132,	5.3	25
32	Acetylome in Human Fibroblasts From Parkinson's Disease Patients. *Frontiers in Cellular Neuroscience*, **2018**, 12, 97	6.1	10
31	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. *Journal of Cell Biology*, **2018**, 217, 2743-2763	7.3	114
30	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. *EMBO Reports*, **2017**, 18, 765-780	6.5	41
29	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. *Nature Communications*, **2017**, 8, 295	17.4	43
28	Monitoring the Formation of Autophagosomal Precursor Structures in Yeast Saccharomyces cerevisiae. *Methods in Enzymology*, **2017**, 588, 323-365	1.7	1
27	Mitochondria-Associated Membranes (MAMs): Overview and Its Role in Parkinson's Disease. *Molecular Neurobiology*, **2017**, 54, 6287-6303	6.2	45
26	IFDOTMETER: A New Software Application for Automated Immunofluorescence Analysis. *Journal of the Association for Laboratory Automation*, **2016**, 21, 246-59		7
25	The Basics of Autophagy **2016**, 3-20		4
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
23	PINK1 deficiency enhances autophagy and mitophagy induction. *Molecular and Cellular Oncology*, **2016**, 3, e1046579	1.2	16
22	Pompe Disease and Autophagy: Partners in Crime, or Cause and Consequence?. *Current Medicinal Chemistry*, **2016**, 23, 2275-85	4.3	3
21	Mitochondria: Key Organelle in Parkinson's Disease. *Parkinsonʼs Disease*, **2016**, 2016, 6230370	2.6	2

20	G2019S Mutation of LRRK2 Increases Autophagy via MEK/ERK Pathway **2016**, 123-142		1
19	mRNA and protein dataset of autophagy markers (LC3 and p62) in several cell lines. *Data in Brief*, **2016**, 7, 641-7	1.2	31
18	Control of Autophagy in Parkinson Disease. *Current Topics in Neurotoxicity*, **2015**, 91-122		
17	Routine Western blot to check autophagic flux: cautions and recommendations. *Analytical Biochemistry*, **2015**, 477, 13-20	3.1	15
16	Is the Modulation of Autophagy the Future in the Treatment of Neurodegenerative Diseases?. *Current Topics in Medicinal Chemistry*, **2015**, 15, 2152-74	3	8
15	G2019S LRRK2 mutant fibroblasts from Parkinson's disease patients show increased sensitivity to neurotoxin 1-methyl-4-phenylpyridinium dependent of autophagy. *Toxicology*, **2014**, 324, 1-9	4.4	38
14	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. *Neurobiology of Disease*, **2014**, 62, 426-40	7.5	41
13	Links Between Paraquat and Parkinson Disease **2014**, 819-842		
12	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. *Cellular and Molecular Life Sciences*, **2013**, 70, 121-36	10.3	124
11	Autophagy, mitochondria and 3-nitropropionic acid joined in the same model. *British Journal of Pharmacology*, **2013**, 168, 60-2	8.6	4
10	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. *Autophagy*, **2012**, 8, 1537-9	10.2	21
9	Parkinson's disease: leucine-rich repeat kinase 2 and autophagy, intimate enemies. *Parkinsons Disease*, **2012**, 2012, 151039	2.6	4
8	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. *Biochemical Society Transactions*, **2012**, 40, 1129-33	5.1	4
7	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. *NeuroToxicology*, **2011**, 32, 935-43	4.4	64
6	ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress. *Toxicological Sciences*, **2011**, 119, 156-68	4.4	39
5	DJ-1 as a modulator of autophagy: an hypothesis. *Scientific World Journal, The*, **2010**, 10, 1574-9	2.2	4
4	Curcumin exposure induces expression of the Parkinson's disease-associated leucine-rich repeat kinase 2 (LRRK2) in rat mesencephalic cells. *Neuroscience Letters*, **2010**, 468, 120-4	3.3	22
3	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. *NeuroToxicology*, **2010**, 31, 701-8	4.4	5

2	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. *Nitric Oxide - Biology and Chemistry*, **2010**, 23, 51-9	5	10
1	Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis. *Free Radical Biology and Medicine*, **2010**, 48, 1370-81	7.8	96