

Mireia Niso-Santano

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

10,602
citations

172457

29
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

23307
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	Self-consumption: the interplay of autophagy and apoptosis. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 81-94.	37.0	1,769
3	Cancer cellâ€™s autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. <i>Nature Medicine</i> , 2014, 20, 1301-1309.	30.7	823
4	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. <i>Molecular Cell</i> , 2014, 53, 710-725.	9.7	412
5	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. <i>Science</i> , 2012, 337, 1678-1684.	12.6	367
6	Cytoplasmic STAT3 Represses Autophagy by Inhibiting PKR Activity. <i>Molecular Cell</i> , 2012, 48, 667-680.	9.7	239
7	Regulation of autophagy by stress-responsive transcription factors. <i>Seminars in Cancer Biology</i> , 2013, 23, 310-322.	9.6	215
8	Autophagic removal of micronuclei. <i>Cell Cycle</i> , 2012, 11, 170-176.	2.6	162
9	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.	5.4	148
10	Unsaturated fatty acids induce nonâ€™canonical autophagy. <i>EMBO Journal</i> , 2015, 34, 1025-1041.	7.8	147
11	Inhibition of Paraquat-Induced Autophagy Accelerates the Apoptotic Cell Death in Neuroblastoma SH-SY5Y Cells. <i>Toxicological Sciences</i> , 2007, 97, 448-458.	3.1	124
12	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. <i>Cell Reports</i> , 2012, 2, 257-269.	6.4	122
13	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.	2.9	120
14	ERâ€™ mitochondria signaling in Parkinsonâ€™s disease. <i>Cell Death and Disease</i> , 2018, 9, 337.	6.3	118
15	Autophagy is required for the activation of NFÎˆB. <i>Cell Cycle</i> , 2012, 11, 194-199.	2.6	107
16	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. <i>Cell Cycle</i> , 2012, 11, 3851-3860.	2.6	91
17	Inhibition of autophagy by TAB2 and TAB3. <i>EMBO Journal</i> , 2011, 30, 4908-4920.	7.8	85
18	Silencing DJâ€™1 reveals its contribution in paraquatâ€™induced autophagy. <i>Journal of Neurochemistry</i> , 2009, 109, 889-898.	3.9	71

#	ARTICLE	IF	CITATIONS
19	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. <i>NeuroToxicology</i> , 2011, 32, 935-943.	3.0	70
20	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , 2019, 30, 754-767.e9.	16.2	67
21	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinson's Disease Patients. <i>Molecular Neurobiology</i> , 2019, 56, 2466-2481.	4.0	50
22	Coffee induces autophagy in vivo. <i>Cell Cycle</i> , 2014, 13, 1987-1994.	2.6	49
23	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , 2014, 62, 426-440.	4.4	49
24	ASK1 Overexpression Accelerates Paraquat-Induced Autophagy via Endoplasmic Reticulum Stress. <i>Toxicological Sciences</i> , 2011, 119, 156-168.	3.1	48
25	Direct interaction between STAT3 and EIF2AK2 controls fatty acid-induced autophagy. <i>Autophagy</i> , 2013, 9, 415-417.	9.1	48
26	Low Concentrations of Paraquat Induces Early Activation of Extracellular Signal-Regulated Kinase 1/2, Protein Kinase B, and c-Jun N-terminal Kinase 1/2 Pathways: Role of c-Jun N-Terminal Kinase in Paraquat-Induced Cell Death. <i>Toxicological Sciences</i> , 2006, 92, 507-515.	3.1	36
27	Relationship between Autophagy and Apoptotic Cell Death in Human Neuroblastoma Cells Treated with Paraquat: Could Autophagy be a "Brake" in Paraquat-Induced Apoptotic Death?. <i>Autophagy</i> , 2007, 3, 366-367.	9.1	36
28	Metabolic alterations in plasma from patients with familial and idiopathic Parkinson's disease. <i>Aging</i> , 2020, 12, 16690-16708.	3.1	32
29	Direct molecular interactions between Beclin 1 and the canonical NF- κ B activation pathway. <i>Autophagy</i> , 2012, 8, 268-270.	9.1	31
30	Nitric Oxide-Mediated Toxicity in Paraquat-Exposed SH-SY5Y Cells: A Protective Role of 7-Nitroindazole. <i>Neurotoxicity Research</i> , 2009, 16, 160-173.	2.7	30
31	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. <i>NeuroToxicology</i> , 2009, 30, 1008-1018.	3.0	30
32	Identification of Genes Associated with Paraquat-Induced Toxicity in SH-SY5Y Cells by PCR Array Focused on Apoptotic Pathways. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1457-1467.	2.3	27
33	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.	2.1	27
34	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate in vivo. <i>Cell Cycle</i> , 2015, 14, 2399-2407.	2.6	27
35	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. <i>Autophagy</i> , 2012, 8, 1537-1539.	9.1	23
36	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 51-59.	2.7	13

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37	Novel inducers of BECN1-independent autophagy: <i>cis</i> -unsaturated fatty acids. <i>Autophagy</i> , 2015, 11, 575-577.	9.1	13
38	Toxicity of Necrostatin-1 in Parkinson's Disease Models. <i>Antioxidants</i> , 2020, 9, 524.	5.1	13
39	The parkinsonian LRRK2 R1441G mutation shows macroautophagy-mitophagy dysregulation concomitant with endoplasmic reticulum stress. <i>Cell Biology and Toxicology</i> , 2022, 38, 889-911.	5.3	9
40	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. <i>NeuroToxicology</i> , 2010, 31, 701-708.	3.0	8
41	Neuroprotective properties of queen bee acid by autophagy induction. <i>Cell Biology and Toxicology</i> , 2023, 39, 751-770.	5.3	7
42	Biological effects of olive oil phenolic compounds on mitochondria. <i>Molecular and Cellular Oncology</i> , 2022, 9, 2044263.	0.7	7
43	Parkinson's Disease: Leucine-Rich Repeat Kinase 2 and Autophagy, Intimate Enemies. <i>Parkinson's Disease</i> , 2012, 2012, 1-9.	1.1	6
44	Autophagy, mitochondria and 3- α -nitropropionic acid joined in the same model. <i>British Journal of Pharmacology</i> , 2013, 168, 60-62.	5.4	5
45	DJ-1 as a Modulator of Autophagy: An Hypothesis. <i>Scientific World Journal</i> , The, 2010, 10, 1574-1579.	2.1	4
46	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , 2012, 40, 1129-1133.	3.4	4
47	Inhibitor of growth protein 4 interacts with Beclin 1 and represses autophagy. <i>Oncotarget</i> , 2017, 8, 89527-89538.	1.8	4
48	In vitro and in vivo models to study the biological and pharmacological properties of queen bee acid (QBA, 10-hydroxy-2-decenoic acid): A systematic review. <i>Journal of Functional Foods</i> , 2022, 94, 105143.	3.4	4
49	G2019S Mutation of LRRK2 Increases Autophagy via MEK/ERK Pathway. , 2016, , 123-142.		2
50	Implication of Autophagy in Parkinson's Disease. <i>Parkinson's Disease</i> , 2013, 2013, 1-2.	1.1	1
51	Links Between Paraquat and Parkinson's Disease. , 2021, , 1-19.		1
52	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. <i>Cell Reports</i> , 2012, 2, 1472.	6.4	0
53	Links Between Paraquat and Parkinson's Disease. , 2014, , 819-842.		0