Mireia Niso-Santano

List of Publications by Year
in descending order

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	Neuroprotective properties of queen bee acid by autophagy induction. Cell Biology and Toxicology, 2023, 39, 751-770.	5.3	7
2	The parkinsonian LRRK2 R1441G mutation shows macroautophagy-mitophagy dysregulation concomitant with endoplasmic reticulum stress. Cell Biology and Toxicology, 2022, 38, 889-911.	5.3	9
3	Biological effects of olive oil phenolic compounds on mitochondria. Molecular and Cellular Oncology, 2022, 9, 2044263.	0.7	7
4	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. Journal of Functional Foods, 2022, 94, 105143.	3.4	4
5	Links Between Paraquat and Parkinsonâ€™s Disease. , 2021, , 1-19.		1
6	Toxicity of Necrostatin-1 in Parkinsonâ€™s Disease Models. Antioxidants, 2020, 9, 524.	5.1	13
7	Metabolic alterations in plasma from patients with familial and idiopathic Parkinsonâ€™s disease. Aging, 2020, 12, 16690-16708.	3.1	32
8	Impaired Mitophagy and Protein Acetylation Levels in Fibroblasts from Parkinsonâ€™s Disease Patients. Molecular Neurobiology, 2019, 56, 2466-2481.	4.0	50
9	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. Cell Metabolism, 2019, 30, 754-767.e9.	16.2	67
10	ERâ€“mitochondria signaling in Parkinsonâ€™s disease. Cell Death and Disease, 2018, 9, 337.	6.3	118
11	Inhibitor of growth protein 4 interacts with Beclin 1 and represses autophagy. Oncotarget, 2017, 8, 89527-89538.	1.8	4
12	G2019S Mutation of LRRK2 Increases Autophagy via MEK/ERK Pathway. , 2016, , 123-142.		2
13	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
14	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	7.8	147
15	Novel inducers of BECN1-independent autophagy:cis-unsaturated fatty acids. Autophagy, 2015, 11, 575-577.	9.1	13
16	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate in vivo. Cell Cycle, 2015, 14, 2399-2407.	2.6	27
17	Coffee induces autophagy in vivo. Cell Cycle, 2014, 13, 1987-1994.	2.6	49
18	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412

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19	Self-consumption: the interplay of autophagy and apoptosis. Nature Reviews Molecular Cell Biology, 2014, 15, 81-94.	37.0	1,769
20	Cancer cellâ€“autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. Nature Medicine, 2014, 20, 1301-1309.	30.7	823
21	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. Neurobiology of Disease, 2014, 62, 426-440.	4.4	49
22	Links Between Paraquat and Parkinsonâ€™s Disease. , 2014, , 819-842.		0
23	Regulation of autophagy by stress-responsive transcription factors. Seminars in Cancer Biology, 2013, 23, 310-322.	9.6	215
24	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. Cellular and Molecular Life Sciences, 2013, 70, 121-136.	5.4	148
25	Direct interaction between STAT3 and EIF2AK2 controls fatty acid-induced autophagy. Autophagy, 2013, 9, 415-417.	9.1	48
26	Autophagy, mitochondria and 3â€nitropropionic acid joined in the same model. British Journal of Pharmacology, 2013, 168, 60-62.	5.4	5
27	Implication of Autophagy in Parkinsonâ€™s Disease. Parkinson's Disease, 2013, 2013, 1-2.	1.1	1
28	Possible involvement of the relationship of LRRK2 and autophagy in Parkinson's disease. Biochemical Society Transactions, 2012, 40, 1129-1133.	3.4	4
29	Autophagy is required for the activation of NFÎºB. Cell Cycle, 2012, 11, 194-199.	2.6	107
30	Pro-autophagic polyphenols reduce the acetylation of cytoplasmic proteins. Cell Cycle, 2012, 11, 3851-3860.	2.6	91
31	Cytoplasmic STAT3 Represses Autophagy by Inhibiting PKR Activity. Molecular Cell, 2012, 48, 667-680.	9.7	239
32	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	6.4	122
33	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 1472.	6.4	0
34	The MAPK1/3 pathway is essential for the deregulation of autophagy observed in G2019S LRRK2 mutant fibroblasts. Autophagy, 2012, 8, 1537-1539.	9.1	23
35	Direct molecular interactions between Beclin 1 and the canonical NFÎºB activation pathway. Autophagy, 2012, 8, 268-270.	9.1	31
36	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. Science, 2012, 337, 1678-1684.	12.6	367

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37	Parkinson's Disease: Leucine-Rich Repeat Kinase 2 and Autophagy, Intimate Enemies. Parkinson's Disease, 2012, 2012, 1-9.	1.1	6
38	Autophagic removal of micronuclei. Cell Cycle, 2012, 11, 170-176.	2.6	162
39	Fipronil is a powerful uncoupler of oxidative phosphorylation that triggers apoptosis in human neuronal cell line SHSY5Y. NeuroToxicology, 2011, 32, 935-943.	3.0	70
40	ASK1 Overexpression Accelerates Paraquat-Induced Autophagy via Endoplasmic Reticulum Stress. Toxicological Sciences, 2011, 119, 156-168.	3.1	48
41	Inhibition of autophagy by TAB2 and TAB3. EMBO Journal, 2011, 30, 4908-4920.	7.8	85
42	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, 1370-1381.	2.9	120
43	DJ-1 as a Modulator of Autophagy: An Hypothesis. Scientific World Journal, The, 2010, 10, 1574-1579.	2.1	4
44	Curcumin exposure induces expression of the Parkinson's disease-associated leucine-rich repeat kinase 2 (LRRK2) in rat mesencephalic cells. Neuroscience Letters, 2010, 468, 120-124.	2.1	27
45	The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells. NeuroToxicology, 2010, 31, 701-708.	3.0	8
46	Effect of paraquat exposure on nitric oxide-responsive genes in rat mesencephalic cells. Nitric Oxide - Biology and Chemistry, 2010, 23, 51-59.	2.7	13
47	Nitric Oxide-Mediated Toxicity in Paraquat-Exposed SH-SY5Y Cells: A Protective Role of 7-Nitroindazole. Neurotoxicity Research, 2009, 16, 160-173.	2.7	30
48	Silencing DJâ€1 reveals its contribution in paraquatâ€induced autophagy. Journal of Neurochemistry, 2009, 109, 889-898.	3.9	71
49	Curcumin enhances paraquat-induced apoptosis of N27 mesencephalic cells via the generation of reactive oxygen species. NeuroToxicology, 2009, 30, 1008-1018.	3.0	30
50	Identification of Genes Associated with Paraquat-Induced Toxicity in SH-SY5Y Cells by PCR Array Focused on Apoptotic Pathways. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 1457-1467.	2.3	27
51	Relationship between Autophagy and Apoptotic Cell Death in Human Neuroblastoma Cells Treated with Paraquat: Could Autophagy be a â€œBrakeâ€in Paraquat-Induced Apoptotic Death?. Autophagy, 2007, 3, 366-367.	9.1	36
52	Inhibition of Paraquat-Induced Autophagy Accelerates the Apoptotic Cell Death in Neuroblastoma SH-SY5Y Cells. Toxicological Sciences, 2007, 97, 448-458.	3.1	124
53	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. Toxicological Sciences, 2006, 92, 507-515.	3.1	36