Pierluigi Nicotera

List of Publications by Year
in descending order

30 papers	8,505 citations	361045 20 h-index	433756 31 g-index
32 all docs	32 docs citations	32 times ranked	10951 citing authors

#	Article	IF	Citations
1	Regulation of cell death: the calciumâ€“apoptosis link. Nature Reviews Molecular Cell Biology, 2003, 4, 552-565.	16.1	2,604
2	Intracellular Adenosine Triphosphate (ATP) Concentration: A Switch in the Decision Between Apoptosis and Necrosis. Journal of Experimental Medicine, 1997, 185, 1481-1486.	4.2	1,773
3	Glutamate-induced neuronal death: A succession of necrosis or apoptosis depending on mitochondrial function. Neuron, 1995, 15, 961-973.	3.8	1,772
4	Cleavage of the Plasma Membrane Na+/Ca2+ Exchanger in Excitotoxicity. Cell, 2005, 120, 275-285.	13.5	511
5	Cell Death Mechanisms and Their Implications in Toxicology. Toxicological Sciences, 2011, 119, 3-19.	1.4	336
6	Ca 2+ Signals and Neuronal Death in Brain Ischemia. Stroke, 2007, 38, 674-676.	1.0	287
7	Inhibition of hepatocyte plasma membrane Ca2+-ATPase activity by menadione metabolism and its restoration by thiols. FEBS Letters, 1985, 181, 149-153.	1.3	159
8	MicroRNAs in ageâ€related diseases. EMBO Molecular Medicine, 2013, 5, 180-190.	3.3	158
9	Ca 2+ signals and death programmes in neurons. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 2255-2258.	1.8	142
10	Targeting of the Arpc3 actin nucleation factor by miR-29a/b regulates dendritic spine morphology. Journal of Cell Biology, 2011, 194, 889-904.	2.3	125
11	Desmethylclomipramine induces the accumulation of autophagy markers by blocking autophagic flux. Journal of Cell Science, 2009, 122, 3330-3339.	1.2	121
12	Ca2+and Cell Death. Annals of the New York Academy of Sciences, 1992, 648, 17-27.	1.8	84
13	Calcium-Dependent Dephosphorylation of the Histone Chaperone DAXX Regulates H3.3 Loading and Transcription upon Neuronal Activation. Neuron, 2012, 74, 122-135.	3.8	83
14	Replication-Independent Histone Variant H3.3 Controls Animal Lifespan through the Regulation of Pro-longevity Transcriptional Programs. Cell Reports, 2016, 17, 987-996.	2.9	56
15	Ryanodine receptor-2 upregulation and nicotine-mediated plasticity. EMBO Journal, 2011, 30, 194-204.	3.5	52
16	Ageing, Neuronal Connectivity and Brain Disorders: An Unsolved Ripple Effect. Molecular Neurobiology, 2011, 43, 124-130.	1.9	38
17	Loss of thymidine kinase 2 alters neuronal bioenergetics and leads to neurodegeneration. Human Molecular Genetics, 2010, 19, 1669-1677.	1.4	35
18	A disease-associated Aifm1 variant induces severe myopathy in knockin mice. Molecular Metabolism, 2018, 13, 10-23.	3.0	31

#	Article	IF	Citations
19	The histone variant H3.3 claims its place in the crowded scene of epigenetics. Aging, 2017, 9, 602-614.	1.4	26
20	WAH-1/AIF regulates mitochondrial oxidative phosphorylation in the nematode Caenorhabditis elegans. Cell Death Discovery, 2018, 4, 2.	2.0	25
21	Loss of Ryanodine Receptor 2 impairs neuronal activity-dependent remodeling of dendritic spines and triggers compensatory neuronal hyperexcitability. Cell Death and Differentiation, 2020, 27, 3354-3373.	5.0	25
22	Multiâ€omics identify xanthine as a proâ€survival metabolite for nematodes with mitochondrialÂdysfunction. EMBO Journal, 2019, 38, .	3.5	16
23	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. Scientific Reports, 2019, 9, 4881.	1.6	11
24	Thoughts on Obesity and Brain Glucose. Cell, 2016, 165, 773-775.	13.5	5
25	CESTâ€2.2 overexpression alters lipid metabolism and extends longevity of mitochondrial mutants. EMBO Reports, 2022, 23, e52606.	2.0	5
26	SGPL1 stimulates VPS39 recruitment to the mitochondria in MICU1 deficient cells. Molecular Metabolism, 2022, , 101503.	3.0	5
27	Perspectives of worldwide translational biomarker research in neurodegenerative diseases. Progress in Neurobiology, 2011, 95, 496-497.	2.8	4
28	Ritaâ€™s 102!!. Molecular Neurobiology, 2011, 43, 77-9.	1.9	3
29	Comparative analysis of CI- and CIV-containing respiratory supercomplexes at single-cell resolution. Cell Reports Methods, 2021, 1, 100002.	1.4	3
30	Calcium signaling then and now, via Stockholm. Biochemical and Biophysical Research Communications, 2017, 482, 384-387.	1.0	2