

Chiara Milanese

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,278
citations

430874

18
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

2536
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Inflammation Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Disease Evolution in Human Pre-leukemia. <i>Cell Stem Cell</i> , 2016, 19, 613-627.	11.1	277
2	MAPK/Erk-dependent phosphorylation of synapsin mediates formation of functional synapses and short-term homosynaptic plasticity. <i>Journal of Cell Science</i> , 2010, 123, 881-893.	2.0	101
3	Inefficient DNA Repair Is an Aging-Related Modifier of Parkinson's Disease. <i>Cell Reports</i> , 2016, 15, 1866-1875.	6.4	93
4	Activation of the DNA damage response in vivo in synucleinopathy models of Parkinson's disease. <i>Cell Death and Disease</i> , 2018, 9, 818.	6.3	85
5	Hypokinesia and Reduced Dopamine Levels in Zebrafish Lacking β - and β ³¹ -Synucleins. <i>Journal of Biological Chemistry</i> , 2012, 287, 2971-2983.	3.4	71
6	Single-Cell Redox Imaging Demonstrates a Distinctive Response of Dopaminergic Neurons to Oxidative Insults. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 855-871.	5.4	70
7	Bioenergetic and proteolytic defects in fibroblasts from patients with sporadic Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1385-1394.	3.8	59
8	Evaluation of spontaneous propulsive movement as a screening tool to detect rescue of Parkinsonism phenotypes in zebrafish models. <i>Neurobiology of Disease</i> , 2011, 44, 9-18.	4.4	55
9	Phosphorylation by cAMP-dependent protein kinase is essential for synapsin-induced enhancement of neurotransmitter release in invertebrate neurons. <i>Journal of Cell Science</i> , 2004, 117, 5145-5154.	2.0	53
10	Decreased mitochondrial respiration in aneurysmal aortas of Fibulin-4 mutant mice is linked to PGC1A regulation. <i>Cardiovascular Research</i> , 2018, 114, 1776-1793.	3.8	47
11	Automated measurement of zebrafish larval movement. <i>Journal of Physiology</i> , 2011, 589, 3703-3708.	2.9	45
12	Impaired enzymatic defensive activity, mitochondrial dysfunction and proteasome activation are involved in RTT cell oxidative damage. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2066-2074.	3.8	44
13	Phosphorylation of synapsin domain A is required for post-tetanic potentiation. <i>Journal of Cell Science</i> , 2007, 120, 3228-3237.	2.0	43
14	DNA damage and transcription stress cause ATP-mediated redesign of metabolism and potentiation of anti-oxidant buffering. <i>Nature Communications</i> , 2019, 10, 4887.	12.8	43
15	Nucleotide excision repair in chronic neurodegenerative diseases. <i>DNA Repair</i> , 2013, 12, 568-577.	2.8	25
16	TMX2 Is a Crucial Regulator of Cellular Redox State, and Its Dysfunction Causes Severe Brain Developmental Abnormalities. <i>American Journal of Human Genetics</i> , 2019, 105, 1126-1147.	6.2	25
17	Peripheral mitochondrial function correlates with clinical severity in idiopathic Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 1192-1202.	3.9	23
18	Mitochondrial Complex I Reversible S-Nitrosation Improves Bioenergetics and Is Protective in Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 44-61.	5.4	21

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19	Inhibition of Neurotransmitter Release by a Nonphysiological Target Requires Protein Synthesis and Involves cAMP-Dependent and Mitogen-Activated Protein Kinases. <i>Journal of Neuroscience</i> , 2004, 24, 5054-5062.	3.6	18
20	In vitro formation and activity-dependent plasticity of synapses between <i>Helix</i> neurons involved in the neural control of feeding and withdrawal behaviors. <i>Neuroscience</i> , 2005, 134, 1133-1151.	2.3	18
21	Bioenergetics in fibroblasts of patients with Huntington disease are associated with age at onset. <i>Neurology: Genetics</i> , 2018, 4, e275.	1.9	15
22	Endocytic iron trafficking and mitochondria in Parkinson's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 110, 70-74.	2.8	15
23	F3/contactin-related proteins in <i>Helix pomatia</i> nervous tissue (HCRPs): Distribution and function in neurite growth and neurotransmitter release. <i>Journal of Neuroscience Research</i> , 2008, 86, 821-831.	2.9	11
24	Cysteine oxidation and redox signaling in dopaminergic neurons physiology and in Parkinson's disease. <i>Current Opinion in Physiology</i> , 2019, 9, 73-78.	1.8	7
25	Gender biased neuroprotective effect of Transferrin Receptor 2 deletion in multiple models of Parkinson's disease. <i>Cell Death and Differentiation</i> , 2021, 28, 1720-1732.	11.2	6
26	Characterization and role of <i>Helix</i> contactin-related proteins in cultured <i>Helix pomatia</i> neurons. <i>Journal of Neuroscience Research</i> , 2009, 87, 425-439.	2.9	2
27	Fibroblasts from skin biopsies as a tool for biomarker discovery in Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2014, 75, S10.	2.9	2
28	A perspective on DNA damage-induced potentiation of the pentose phosphate shunt and reductive stress in chemoresistance. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1733383.	0.7	2
29	Phosphorylation of synapsin domain A is required for post-tetanic potentiation. <i>Journal of Cell Science</i> , 2007, 120, 3321-3321.	2.0	1
30	Inflammatory Niche Signalling Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Leukemic Evolution in Human Leukemia Predisposition Syndromes. <i>Blood</i> , 2016, 128, 428-428.	1.4	0
31	A33...Differences in bioenergetic status in patient-derived fibroblast cells are associated with age of onset in huntington disease. , 2018, , .		0