

Simonetta Sipione

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,746
citations

331670

21
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

4375
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of Huntingtin-Mediated BDNF Gene Transcription in Huntington's Disease. <i>Science</i> , 2001, 293, 493-498.	12.6	1,191
2	Wild-Type Huntingtin Protects from Apoptosis Upstream of Caspase-3. <i>Journal of Neuroscience</i> , 2000, 20, 3705-3713.	3.6	349
3	Dysfunction of the Cholesterol Biosynthetic Pathway in Huntington's Disease. <i>Journal of Neuroscience</i> , 2005, 25, 9932-9939.	3.6	236
4	Sphingolipids and gangliosides of the nervous system in membrane function and dysfunction. <i>FEBS Letters</i> , 2010, 584, 1748-1759.	2.8	222
5	Early transcriptional profiles in huntingtin-inducible striatal cells by microarray analyses. <i>Human Molecular Genetics</i> , 2002, 11, 1953-1965.	2.9	189
6	Kinase inhibitors modulate huntingtin cell localization and toxicity. <i>Nature Chemical Biology</i> , 2011, 7, 453-460.	8.0	164
7	Gangliosides in the Brain: Physiology, Pathophysiology and Therapeutic Applications. <i>Frontiers in Neuroscience</i> , 2020, 14, 572965.	2.8	150
8	Ganglioside GM1 induces phosphorylation of mutant huntingtin and restores normal motor behavior in Huntington disease mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3528-3533.	7.1	140
9	Huntingtin's Neuroprotective Activity Occurs via Inhibition of Procaspase-9 Processing. <i>Journal of Biological Chemistry</i> , 2001, 276, 14545-14548.	3.4	134
10	Impaired Ganglioside Metabolism in Huntington's Disease and Neuroprotective Role of GM1. <i>Journal of Neuroscience</i> , 2010, 30, 4072-4080.	3.6	117
11	Shc signaling in differentiating neural progenitor cells. <i>Nature Neuroscience</i> , 2001, 4, 579-586.	14.8	103
12	Transplantation of prodrug-converting neural progenitor cells for brain tumor therapy. <i>Cancer Gene Therapy</i> , 2003, 10, 396-402.	4.6	99
13	Identification of a Novel Human Granzyme B Inhibitor Secreted by Cultured Sertoli Cells. <i>Journal of Immunology</i> , 2006, 177, 5051-5058.	0.8	80
14	Gangliosides: Treatment Avenues in Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2019, 10, 859.	2.4	79
15	SUMOylation regulates Kv2.1 and modulates pancreatic β -cell excitability. <i>Journal of Cell Science</i> , 2009, 122, 775-779.	2.0	78
16	Modeling Huntington's Disease in Cells, Flies, and Mice. <i>Molecular Neurobiology</i> , 2001, 23, 21-52.	4.0	69
17	Repression of phagocytosis by human CD33 is not conserved with mouse CD33. <i>Communications Biology</i> , 2019, 2, 450.	4.4	61
18	Synergistic effects of BDNF and rehabilitative training on recovery after cervical spinal cord injury. <i>Behavioural Brain Research</i> , 2013, 239, 31-42.	2.2	52

#	ARTICLE	IF	CITATIONS
19	Disease-modifying effects of ganglioside GM1 in Huntington's disease models. <i>EMBO Molecular Medicine</i> , 2017, 9, 1537-1557.	6.9	51
20	N6-Furfuryladenine is protective in Huntington's disease models by signaling huntingtin phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7081-E7090.	7.1	40
21	Anti-inflammatory role of GM1 and other gangliosides on microglia. <i>Journal of Neuroinflammation</i> , 2022, 19, 9.	7.2	32
22	Slc7a5 regulates Kv1.2 channels and modifies functional outcomes of epilepsy-linked channel mutations. <i>Nature Communications</i> , 2018, 9, 4417.	12.8	24
23	Inhibiting cortical protein kinase A in spinal cord injured rats enhances efficacy of rehabilitative training. <i>Experimental Neurology</i> , 2016, 283, 365-374.	4.1	20
24	Reduced Mitochondrial Function in Human Huntington Disease Lymphoblasts is Not Due to Alterations in Cardiolipin Metabolism or Mitochondrial Supercomplex Assembly. <i>Lipids</i> , 2016, 51, 561-569.	1.7	17
25	Investigating the Influence of Membrane Composition on Protein-Glycolipid Binding Using Nanodiscs and Proxy Ligand Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 9330-9338.	6.5	14
26	Mutant huntingtin interacts with the sterol regulatory element-binding proteins and impairs their nuclear import. <i>Human Molecular Genetics</i> , 2020, 29, 418-431.	2.9	13
27	Fractalkine signaling regulates oligodendroglial cell genesis from SVZ precursor cells. <i>Stem Cell Reports</i> , 2021, 16, 1968-1984.	4.8	12
28	In-Cell Labeling Coupled to Direct Analysis of Extracellular Vesicles in the Conditioned Medium to Study Extracellular Vesicles Secretion with Minimum Sample Processing and Particle Loss. <i>Cells</i> , 2022, 11, 351.	4.1	3