

Maria Lina Massimino

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

673
citations

759055

12
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Alteration in Calcium Handling at the Subcellular Level in mdx Myotubes. <i>Journal of Biological Chemistry</i> , 2001, 276, 4647-4651.	1.6	136
2	Involvement of caveolae and caveolae-like domains in signalling, cell survival and angiogenesis. <i>Cellular Signalling</i> , 2002, 14, 93-98.	1.7	72
3	The Metabolism and Imaging in Live Cells of the Bovine Prion Protein in Its Native Form or Carrying Single Amino Acid Substitutions. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 521-538.	1.0	62
4	Cellular Prion Protein Promotes Regeneration of Adult Muscle Tissue. <i>Molecular and Cellular Biology</i> , 2010, 30, 4864-4876.	1.1	58
5	Cellular prion protein is implicated in the regulation of local Ca^{2+} movements in cerebellar granule neurons. <i>Journal of Neurochemistry</i> , 2011, 116, 881-890.	2.1	41
6	Cell surface nucleolin interacts with and internalizes Bothrops asper Lys49 phospholipase A2 and mediates its toxic activity. <i>Scientific Reports</i> , 2018, 8, 10619.	1.6	36
7	The cellular prion protein counteracts cardiac oxidative stress. <i>Cardiovascular Research</i> , 2014, 104, 93-102.	1.8	29
8	Absolute quantification of myosin heavy chain isoforms by selected reaction monitoring can underscore skeletal muscle changes in a mouse model of amyotrophic lateral sclerosis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2143-2153.	1.9	26
9	SOD1 in ALS: Taking Stock in Pathogenic Mechanisms and the Role of Glial and Muscle Cells. <i>Antioxidants</i> , 2022, 11, 614.	2.2	26
10	The prion protein constitutively controls neuronal store-operated Ca^{2+} entry through Fyn kinase. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 416.	1.8	24
11	Human Doppel and prion protein share common membrane microdomains and internalization pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2016-2031.	1.2	22
12	Heterogeneous PrPC metabolism in skeletal muscle cells. <i>FEBS Letters</i> , 2006, 580, 878-884.	1.3	15
13	The Link of the Prion Protein with Ca^{2+} Metabolism and ROS Production, and the Possible Implication in $A\beta$ Toxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4640.	1.8	12
14	Nucleolin Rescues TDP-43 Toxicity in Yeast and Human Cell Models. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 625665.	1.8	12
15	Altered behavioral aspects of aged mice lacking the cellular prion protein. <i>Physiology and Behavior</i> , 2013, 119, 86-91.	1.0	11
16	The prion protein regulates glutamate-mediated Ca^{2+} entry and mitochondrial Ca^{2+} accumulation in neurons. <i>Journal of Cell Science</i> , 2017, 130, 2736-2746.	1.2	11
17	Microglia in Prion Diseases: Angels or Demons?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7765.	1.8	11
18	Age-dependent neuromuscular impairment in prion protein knockout mice. <i>Muscle and Nerve</i> , 2016, 53, 269-279.	1.0	10

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19	ALS-Associated SOD1(G93A) Decreases SERCA Pump Levels and Increases Store-Operated Ca ²⁺ Entry in Primary Spinal Cord Astrocytes from a Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5151.	1.8	10
20	Generation and validation of novel adeno-associated viral vectors for the analysis of Ca ²⁺ homeostasis in motor neurons. <i>Scientific Reports</i> , 2017, 7, 6521.	1.6	9
21	The Prion Protein Regulates Synaptic Transmission by Controlling the Expression of Proteins Key to Synaptic Vesicle Recycling and Exocytosis. <i>Molecular Neurobiology</i> , 2019, 56, 3420-3436.	1.9	9
22	Perturbations of the Proteome and of Secreted Metabolites in Primary Astrocytes from the hSOD1(G93A) ALS Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7028.	1.8	9
23	Regulation of Endoplasmic Reticulum-Mitochondria Tethering and Ca ²⁺ Fluxes by TDP-43 via GSK3 ^β . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11853.	1.8	9
24	The Cellular Prion Protein Is Expressed in Olfactory Sensory Neurons of Adult Mice but Does Not Affect the Early Events of the Olfactory Transduction Pathway. <i>Chemical Senses</i> , 2011, 36, 791-797.	1.1	7
25	Prion and TNF α : TAC(E)it agreement between the prion protein and cell signaling. <i>Cell Cycle</i> , 2010, 9, 4616-4621.	1.3	6