Daniele Zacchetti

List of Publications by Year
in descending order

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Version: 2024-02-01

46 papers	1,688 citations	279701 23 h-index	276775 41 g-index
48 all docs	48 docs citations	48 times ranked	2028 citing authors

#	Article	IF	Citations
1	VIP17/MAL, a lipid raft-associated protein, is involved in apical transport in MDCK cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6241-6248.	3.3	198
2	Ca2+ influx following receptor activation. Trends in Pharmacological Sciences, 1991, 12, 289-292.	4.0	175
3	VIP17/MAL, a proteolipid in apical transport vesicles. FEBS Letters, 1995, 377, 465-469.	1.3	98
4	Iron handling in hippocampal neurons: activityâ€dependent iron entry and mitochondriaâ€mediated neurotoxicity. Aging Cell, 2011, 10, 172-183.	3.0	86
5	Iron uptake in quiescent and inflammation-activated astrocytes: A potentially neuroprotective control of iron burden. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1326-1333.	1.8	83
6	Translational regulation of BACE-1 expression in neuronal and non-neuronal cells. Nucleic Acids Research, 2004, 32, 1808-1817.	6.5	79
7	Iron entry in neurons and astrocytes: a link with synaptic activity. Frontiers in Molecular Neuroscience, 2015, 8, 18.	1.4	73
8	Synergistic Control of Protein Kinase CÂ Activity by Ionotropic and Metabotropic Glutamate Receptor Inputs in Hippocampal Neurons. Journal of Neuroscience, 2006, 26, 3404-3411.	1.7	64
9	Interaction with hyaluronan matrix and miRNA cargo as contributors for in vitro potential of mesenchymal stem cell-derived extracellular vesicles in a model of human osteoarthritic synoviocytes. Stem Cell Research and Therapy, 2019, 10, 109.	2.4	60
10	Splice variants of the Î²-site APP-cleaving enzyme BACE1 in human brain and pancreas. Biochemical and Biophysical Research Communications, 2002, 293, 30-37.	1.0	58
11	Complex translational regulation of BACE1 involves upstream AUGs and stimulatory elements within the 5' untranslated region. Nucleic Acids Research, 2007, 35, 2975-2985.	6.5	55
12	[Ca2+]i imaging in PC12 cells: multiple response patterns to receptor activation reveal new aspects of transmembrane signaling.. Journal of Cell Biology, 1991, 113, 1341-1350.	2.3	54
13	Expression of divalent metal transporter 1 in primary hippocampal neurons: reconsidering its role in nonâ€transferrinâ€bound iron influx. Journal of Neurochemistry, 2012, 120, 269-278.	2.1	51
14	Inhibition of lipopolysaccharide-induced microglia activation by calcitonin gene related peptide and adrenomedullin. Molecular and Cellular Neurosciences, 2011, 48, 151-160.	1.0	46
15	Differential Expression of Markers and Activities in a Group of PC12 Nerve Cell Clones. European Journal of Neuroscience, 1992, 4, 944-953.	1.2	40
16	Protein Expression in Drosophila Schneider Cells. Analytical Biochemistry, 2000, 278, 59-68.	1.1	39
17	HIV-1 gp120 Glycoprotein Induces [Ca2+]i Responses not only in Type-2 but also Type-1 Astrocytes and Oligodendrocytes of the Rat Cerebellum. European Journal of Neuroscience, 1995, 7, 1333-1341.	1.2	38
18	Ca2+ waves in PC12 neurites: a bidirectional, receptor-oriented form of Ca2+ signaling.. Journal of Cell Biology, 1995, 129, 797-804.	2.3	30

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19	Re-evaluation of primary structure, topology, and localization of Scamper, a putative intracellular Ca2+ channel activated by sphingosylphosphocholine. Biochemical Journal, 2002, 362, 183-189.	1.7	30
20	Î²-Secretase activity in rat astrocytes: translational block of BACE1 and modulation of BACE2 expression. European Journal of Neuroscience, 2011, 33, 236-243.	1.2	30
21	Astrocytes acquire resistance to iron-dependent oxidative stress upon proinflammatory activation. Journal of Neuroinflammation, 2013, 10, 130.	3.1	29
22	Involvement of calcitonin gene-related peptide and receptor component protein in experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2014, 271, 18-29.	1.1	26
23	Intercellular Ca2+waves sustain coordinate insulin secretion in pig islets of Langerhans. FEBS Letters, 1996, 379, 21-25.	1.3	25
24	Iron and calcium in the central nervous system: a close relationship in health and sickness. Biochemical Society Transactions, 2008, 36, 1309-1312.	1.6	24
25	Ceruloplasmin potentiates nitric oxide synthase activity and cytokine secretion in activated microglia. Journal of Neuroinflammation, 2014, 11, 164.	3.1	22
26	Re-evaluation of primary structure, topology, and localization of Scamper, a putative intracellular Ca2+ channel activated by sphingosylphosphocholine. Biochemical Journal, 2002, 362, 183.	1.7	18
27	BACE1 Expression and Activity: Relevance in Alzheimerâ€™s Disease. Neurodegenerative Diseases, 2007, 4, 117-126.	0.8	17
28	Metallothioneins as dynamic markers for brain disease in lysosomal disorders. Annals of Neurology, 2014, 75, 127-137.	2.8	17
29	Oscillations of Cytosolic Calcium in Rat Chromaffin Cells: Dual Modulation in Frequency and Amplitude. Biochemical and Biophysical Research Communications, 1994, 205, 1264-1269.	1.0	15
30	EP2 receptor stimulation promotes calcium responses in astrocytes via activation of the adenylyl cyclase pathway. Cellular and Molecular Life Sciences, 2006, 63, 2546-2553.	2.4	14
31	Sphingosylphosphocholine effects on cultured astrocytes reveal mechanisms potentially involved in neurotoxicity in Niemannâ€Pick type A disease. European Journal of Neuroscience, 2007, 26, 875-881.	1.2	14
32	eIF4B phosphorylation at Ser504 links synaptic activity with protein translation in physiology and pathology. Scientific Reports, 2017, 7, 10563.	1.6	14
33	Intracellular Ca2+ stores in neurons. Identification and functional aspects. Journal of Physiology (Paris), 1992, 86, 23-30.	2.1	11
34	Translational control of Scamper expression via a cell-specific internal ribosome entry site. Nucleic Acids Research, 2003, 31, 2508-2513.	6.5	11
35	Calcitonin Gene-Related Peptide (CGRP) Stimulates Purkinje Cell Dendrite Growth in Culture. Neurochemical Research, 2010, 35, 2135-2143.	1.6	9
36	Casein Kinase 2 dependent phosphorylation of eIF4B regulates BACE1 expression in Alzheimerâ€™s disease. Cell Death and Disease, 2021, 12, 769.	2.7	8

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37	Upregulation of Peroxiredoxin 3 Protects Afg3l2-KO Cortical Neurons In Vitro from Oxidative Stress: A Paradigm for Neuronal Cell Survival under Neurodegenerative Conditions. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	6
38	GÎ±13 Contributes to LPS-Induced Morphological Alterations and Affects Migration of Microglia. Molecular Neurobiology, 2021, 58, 6397-6414.	1.9	6
39	Amiodarone in ventricular arrhythmias: still a valuable resource?. Reviews in Cardiovascular Medicine, 2021, 22, 1383.	0.5	6
40	PC12 Cell clones: experimental tools for studying transmembrane signalling and Ca2+ stores. Pharmacological Research, 1992, 25, 95-96.	3.1	2
41	Receptor-mediated intracellular signalling: oscillations and waves of cytosolic calcium. Biochemical Society Transactions, 1993, 21, 1129-1132.	1.6	2
42	Redox and Calcium Alterations of a MÃ¼ller Cell Line Exposed to Diabetic Retinopathy-Like Environment. Frontiers in Cellular Neuroscience, 2022, 16, 862325.	1.8	2
43	Fluorimetric approaches to the study of calcium transients in living cells. Cytotechnology, 1991, 5, 99-102.	0.7	1
44	Receptor activation and CA2+ homeostasis studied by videoimaging. Pharmacological Research, 1992, 25, 93-94.	3.1	1
45	Calcium imaging: A new tool for the study of agonist-induced Ca++ transients in individual cells. Pharmacological Research, 1990, 22, 219.	3.1	0
46	P4-169 Translational control of BACE-1 expression. Neurobiology of Aging, 2004, 25, S523.	1.5	0