

Maurizio Grimaldi

List of Publications by Year in descending order

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44
papers

1,896
citations

361413

20
h-index

254184

43
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44
docs citations

44
times ranked

2304
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabidiol and (âˆ“)Î” ⁹-tetrahydrocannabinol are neuroprotective antioxidants. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8268-8273.	7.1	726
2	Transient Receptor Potential Channel Activation Causes a Novel Form of [Ca²⁺]_iOscillations and Is Not Involved in Capacitative Ca²⁺Entry in Glial Cells. Journal of Neuroscience, 2003, 23, 4737-4745.	3.6	96
3	Intracellular Calcium Rise through L-Type Calcium Channels, as Molecular Mechanism for Prion Protein Fragment 106-126-Induced Astroglial Proliferation. Biochemical and Biophysical Research Communications, 1996, 228, 397-405.	2.1	76
4	Functional and molecular diversity of PACAP/VIP receptors in cortical neurons and type I astrocytes. European Journal of Neuroscience, 1999, 11, 2767-2772.	2.6	65
5	Stressed to Death: Targeting Endoplasmic Reticulum Stress Response Induced Apoptosis in Gliomas. Current Pharmaceutical Design, 2011, 17, 284-292.	1.9	60
6	cAMP-induced Cytoskeleton Rearrangement Increases Calcium Transients through the Enhancement of Capacitative Calcium Entry. Journal of Biological Chemistry, 1999, 274, 33557-33564.	3.4	55
7	Cannabinoid receptor activation and elevated cyclic AMP reduce glutamate neurotoxicity. European Journal of Neuroscience, 2001, 13, 1529-1536.	2.6	55
8	Coincident Elevation of cAMP and Calcium Influx by PACAP-27 Synergistically Regulates Vasoactive Intestinal Polypeptide Gene Transcription through a Novel PKA-Independent Signaling Pathway. Journal of Neuroscience, 2002, 22, 5310-5320.	3.6	53
9	Somatostatin and SMS 201-995 reverse the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin. European Journal of Pharmacology, 1988, 151, 399-407.	3.5	48
10	Mobilization of Calcium from Intracellular Stores, Potentiation of Neurotransmitter-Induced Calcium Transients, and Capacitative Calcium Entry by 4-Aminopyridine. Journal of Neuroscience, 2001, 21, 3135-3143.	3.6	44
11	The Hop Cassette of the PAC1 Receptor Confers Coupling to Ca ²⁺ Elevation Required for Pituitary Adenylate Cyclase-activating Polypeptide-evoked Neurosecretion. Journal of Biological Chemistry, 2007, 282, 8079-8091.	3.4	41
12	Prevention of Î²â€œAmyloid Neurotoxicity by Blockade of the Ubiquitinâ€œProteasome Proteolytic Pathway. Journal of Neurochemistry, 2000, 75, 1258-1263.	3.9	40
13	12-Hydroxyeicosatetrenoate (12-HETE) Attenuates AMPA Receptor-Mediated Neurotoxicity: Evidence for a G-Protein-Coupled HETE Receptor. Journal of Neuroscience, 2002, 22, 257-264.	3.6	40
14	Mitochondria regulate Ca ²⁺ wave initiation and inositol trisphosphate signal transduction in oligodendrocyte progenitors. Journal of Neurochemistry, 2002, 80, 405-415.	3.9	34
15	Vasoactive Intestinal Peptide and Forskolin Stimulate Interleukin 6 Production by Rat Cortical Astrocytes in Culture via a Cyclic AMP-Dependent, Prostaglandin-Independent Mechanism. Journal of Neurochemistry, 2002, 63, 344-350.	3.9	33
16	Somatostatin Inhibits Interleukin 6 Release from Rat Cortical Type I Astrocytes via the Inhibition of Adenylyl Cyclase. Biochemical and Biophysical Research Communications, 1997, 235, 242-248.	2.1	31
17	Specific localization of the annexin II heterotetramer in brain lipid raft fractions and its changes in spatial learning. Journal of Neurochemistry, 2004, 90, 609-620.	3.9	30
18	Regional and cellular expression of the parkin gene in the rat cerebral cortex. European Journal of Neuroscience, 2000, 12, 3583-3588.	2.6	28

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19	Mitochondria in myelinating cells: calcium signaling in oligodendrocyte precursor cells. <i>Cell Calcium</i> , 2000, 28, 297-306.	2.4	28
20	PAC1hop receptor activation facilitates catecholamine secretion selectively through 2-APB-sensitive Ca ²⁺ channels in PC12 cells. <i>Cellular Signalling</i> , 2010, 22, 1420-1426.	3.6	27
21	Maitotoxin-Induced Intracellular Calcium Rise in PC 12 Cells: Involvement of Dihydropyridine-Sensitive and γ -Conotoxin-Sensitive Calcium Channels and Phosphoinositide Breakdown. <i>Journal of Neurochemistry</i> , 1992, 59, 679-688.	3.9	26
22	Sarco-endoplasmic reticulum Ca ²⁺ ATPase (SERCA) inhibitors identify a novel calcium pool in the central nervous system. <i>Journal of Neurochemistry</i> , 2003, 87, 30-43.	3.9	19
23	Sulindac sulfide inhibits sarcoendoplasmic reticulum Ca ²⁺ ATPase, induces endoplasmic reticulum stress response, and exerts toxicity in glioma cells: Relevant similarities to and important differences from celecoxib. <i>Journal of Neuroscience Research</i> , 2013, 91, 393-406.	2.9	19
24	The deadly connection between endoplasmic reticulum, Ca ²⁺ , protein synthesis, and the endoplasmic reticulum stress response in malignant glioma cells. <i>Neuro-Oncology</i> , 2014, 16, 1086-1099.	1.2	19
25	Identification of novel small molecule activators of nuclear factor- κ B with neuroprotective action via high-throughput screening. <i>Journal of Neuroscience Research</i> , 2011, 89, 58-72.	2.9	18
26	Modulation by GTP of Basal and Agonist-Stimulated Striatal Adenylate Cyclase Activity Following Chronic Blockade of D1 and D2 Dopamine Receptors: Involvement of G Proteins in the Development of Receptor Supersensitivity. <i>Journal of Neurochemistry</i> , 1992, 59, 1667-1674.	3.9	17
27	Effect of interleukin 1 beta on transducing mechanisms in 235-1 clonal pituitary cells. <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 1089-1096.	2.1	16
28	Synergistic Stimulation of Interleukin 6 Release and Gene Expression by Phorbol Esters and Interleukin 1 β in Rat Cortical Astrocytes: Role of Protein Kinase C Activation and Blockade. <i>Journal of Neurochemistry</i> , 2002, 64, 1945-1953.	3.9	16
29	Bacterial Lipopolysaccharide Increases Interleukin-6 and Prostaglandin Release in Rat Cortical Type I Astrocytes by Different Mechanisms: Role of Anti-inflammatory Agents. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 798-804.	2.1	15
30	Translocation of protein kinase C- β II in astrocytes requires organized actin cytoskeleton and is not accompanied by synchronous RACK1 relocation. <i>Glia</i> , 2004, 46, 169-182.	4.9	15
31	Effect of interleukin 1 beta on transducing mechanisms in 235-1 clonal pituitary cells. <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 1097-1104.	2.1	14
32	Interleukin 1 beta inhibition of TRH-stimulated prolactin secretion and phosphoinositides metabolism. <i>Biochemical and Biophysical Research Communications</i> , 1989, 165, 496-505.	2.1	14
33	Astrocytes refill intracellular Ca ²⁺ stores in the absence of cytoplasmic [Ca ²⁺] elevation: A functional rather than a structural ability. <i>Journal of Neuroscience Research</i> , 2006, 84, 1738-1749.	2.9	12
34	Dibutyryl cAMP- or Interleukin-6-induced astrocytic differentiation enhances mannose binding lectin (MBL)-associated serine protease (MASP)-1/3 expression in C6 glioma cells. <i>Archives of Biochemistry and Biophysics</i> , 2018, 653, 39-49.	3.0	11
35	Interleukin 6 modulation of second messenger systems in anterior pituitary cells. <i>Life Sciences</i> , 1992, 51, 1243-1248.	4.3	10
36	Regulation of interleukin 6 production by cAMP-protein kinase-a pathway in rat cortical astrocytes. <i>Pharmacological Research</i> , 1994, 30, 13-24.	7.1	9

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37	A High-Throughput Screen Identifies 2,9-Diazaspiro[5.5]Undecanes as Inducers of the Endoplasmic Reticulum Stress Response with Cytotoxic Activity in 3D Glioma Cell Models. PLoS ONE, 2016, 11, e0161486.	2.5	9
38	Thrombin mutants with altered enzymatic activity have an impaired mitogenic effect on mouse fibroblasts and are inefficient modulators of stellation of rat cortical astrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1451, 173-186.	4.1	7
39	Expression and Coupling of PACAP/VIP Receptors in Cortical Neurons and Type I Astrocytes. Annals of the New York Academy of Sciences, 2000, 921, 312-316.	3.8	7
40	Norepinephrine and thyrotropin stimulation of $[Ca^{++}]_i$ in PC C13 a rat thyroid epithelial cell line: Effect of transformation by E1A gene of adenovirus and polyomavirus middle-T antigen gene. Life Sciences, 1993, 52, 891-899.	4.3	4
41	Aniracetam improves behavioural responses and facilitates signal transduction in the rat brain. Journal of Psychopharmacology, 1994, 8, 109-117.	4.0	4
42	Interleukin-1 Modulation of Anterior Pituitary Function... Annals of the New York Academy of Sciences, 1990, 594, 489-491.	3.8	3
43	Effect of acetyl-L-carnitine treatment on brain adenylate cyclase activity in young and aged rats. European Neuropsychopharmacology, 1993, 3, 95-101.	0.7	2
44	The hop domain of the PAC1 receptor confers coupling to intracellular Ca^{2+} elevation required for PACAP-evoked catecholamine secretion. FASEB Journal, 2007, 21, A982.	0.5	0