

# 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  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dibutyl cAMP- or Interleukin-6-induced astrocytic differentiation enhances mannose binding lectin (MBL)-associated serine protease (MASP)-1/3 expression in C6 glioma cells. Archives of Biochemistry and Biophysics, 2018, 653, 39-49.	3.0	11
2	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
3	The deadly connection between endoplasmic reticulum, Ca <sup>2+</sup> , protein synthesis, and the endoplasmic reticulum stress response in malignant glioma cells. Neuro-Oncology, 2014, 16, 1086-1099.	1.2	19
4	Sulindac sulfide inhibits sarcoendoplasmic reticulum Ca <sup>2+</sup> ATPase, induces endoplasmic reticulum stress response, and exerts toxicity in glioma cells: Relevant similarities to and important differences from celecoxib. Journal of Neuroscience Research, 2013, 91, 393-406.	2.9	19
5	Stressed to Death: Targeting Endoplasmic Reticulum Stress Response Induced Apoptosis in Gliomas. Current Pharmaceutical Design, 2011, 17, 284-292.	1.9	60
6	Identification of novel small molecule activators of nuclear factor- $\kappa$ B with neuroprotective action via high-throughput screening. Journal of Neuroscience Research, 2011, 89, 58-72.	2.9	18
7	PAC1hop receptor activation facilitates catecholamine secretion selectively through 2-APB-sensitive Ca <sup>2+</sup> channels in PC12 cells. Cellular Signalling, 2010, 22, 1420-1426.	3.6	27
8	The Hop Cassette of the PAC1 Receptor Confers Coupling to Ca <sup>2+</sup> Elevation Required for Pituitary Adenylate Cyclase-activating Polypeptide-evoked Neurosecretion. Journal of Biological Chemistry, 2007, 282, 8079-8091.	3.4	41
9	The hop domain of the PAC1 receptor confers coupling to intracellular Ca <sup>2+</sup> elevation required for PACAP-evoked catecholamine secretion. FASEB Journal, 2007, 21, A982.	0.5	0
10	Astrocytes refill intracellular Ca <sup>2+</sup> stores in the absence of cytoplasmic [Ca <sup>2+</sup> ] elevation: A functional rather than a structural ability. Journal of Neuroscience Research, 2006, 84, 1738-1749.	2.9	12
11	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
12	Translocation of protein kinase C- $\beta$ II in astrocytes requires organized actin cytoskeleton and is not accompanied by synchronous RACK1 relocation. Glia, 2004, 46, 169-182.	4.9	15
13	Sarco-endoplasmic reticulum Ca <sup>2+</sup> ATPase (SERCA) inhibitors identify a novel calcium pool in the central nervous system. Journal of Neurochemistry, 2003, 87, 30-43.	3.9	19
14	Transient Receptor Potential Channel Activation Causes a Novel Form of [Ca <sup>2+</sup> ] <sub>i</sub> Oscillations and Is Not Involved in Capacitative Ca <sup>2+</sup> Entry in Glial Cells. Journal of Neuroscience, 2003, 23, 4737-4745.	3.6	96
15	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
16	Mitochondria regulate Ca <sup>2+</sup> wave initiation and inositol trisphosphate signal transduction in oligodendrocyte progenitors. Journal of Neurochemistry, 2002, 80, 405-415.	3.9	34
17	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
18	Synergistic Stimulation of Interleukin 6 Release and Gene Expression by Phorbol Esters and Interleukin 1 $\beta$ in Rat Cortical Astrocytes: Role of Protein Kinase C Activation and Blockade. Journal of Neurochemistry, 2002, 64, 1945-1953.	3.9	16

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19	12-Hydroxyeicosatetraenoate (12-HETE) Attenuates AMPA Receptor-Mediated Neurotoxicity: Evidence for a G-Protein-Coupled HETE Receptor. <i>Journal of Neuroscience</i> , 2002, 22, 257-264.	3.6	40
20	Mobilization of Calcium from Intracellular Stores, Potentiation of Neurotransmitter-Induced Calcium Transients, and Capacitative Calcium Entry by 4-Aminopyridine. <i>Journal of Neuroscience</i> , 2001, 21, 3135-3143.	3.6	44
21	Cannabinoid receptor activation and elevated cyclic AMP reduce glutamate neurotoxicity. <i>European Journal of Neuroscience</i> , 2001, 13, 1529-1536.	2.6	55
22	Regional and cellular expression of the parkin gene in the rat cerebral cortex. <i>European Journal of Neuroscience</i> , 2000, 12, 3583-3588.	2.6	28
23	Mitochondria in myelinating cells: calcium signaling in oligodendrocyte precursor cells. <i>Cell Calcium</i> , 2000, 28, 297-306.	2.4	28
24	Prevention of $\beta$ -Amyloid Neurotoxicity by Blockade of the Ubiquitin-Proteasome Proteolytic Pathway. <i>Journal of Neurochemistry</i> , 2000, 75, 1258-1263.	3.9	40
25	Expression and Coupling of PACAP/VIP Receptors in Cortical Neurons and Type I Astrocytes. <i>Annals of the New York Academy of Sciences</i> , 2000, 921, 312-316.	3.8	7
26	cAMP-induced Cytoskeleton Rearrangement Increases Calcium Transients through the Enhancement of Capacitative Calcium Entry. <i>Journal of Biological Chemistry</i> , 1999, 274, 33557-33564.	3.4	55
27	Functional and molecular diversity of PACAP/VIP receptors in cortical neurons and type I astrocytes. <i>European Journal of Neuroscience</i> , 1999, 11, 2767-2772.	2.6	65
28	Thrombin mutants with altered enzymatic activity have an impaired mitogenic effect on mouse fibroblasts and are inefficient modulators of stellation of rat cortical astrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1451, 173-186.	4.1	7
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	Cannabidiol and $\Delta^9$ -tetrahydrocannabinol are neuroprotective antioxidants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8268-8273.	7.1	726
31	Somatostatin Inhibits Interleukin 6 Release from Rat Cortical Type I Astrocytes via the Inhibition of Adenyl Cyclase. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 242-248.	2.1	31
32	Intracellular Calcium Rise through L-Type Calcium Channels, as Molecular Mechanism for Prion Protein Fragment 106-126-Induced Astroglial Proliferation. <i>Biochemical and Biophysical Research Communications</i> , 1996, 228, 397-405.	2.1	76
33	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
34	Aniracetam improves behavioural responses and facilitates signal transduction in the rat brain. <i>Journal of Psychopharmacology</i> , 1994, 8, 109-117.	4.0	4
35	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. <i>Life Sciences</i> , 1993, 52, 891-899.	4.3	4
36	Effect of acetyl-L-carnitine treatment on brain adenylate cyclase activity in young and aged rats. <i>European Neuropsychopharmacology</i> , 1993, 3, 95-101.	0.7	2

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37	Interleukin 6 modulation of second messenger systems in anterior pituitary cells. <i>Life Sciences</i> , 1992, 51, 1243-1248.	4.3	10
38	Maitotoxin-Induced Intracellular Calcium Rise in PC 12 Cells: Involvement of Dihydropyridine-Sensitive and $\gamma$ -Conotoxin-Sensitive Calcium Channels and Phosphoinositide Breakdown. <i>Journal of Neurochemistry</i> , 1992, 59, 679-688.	3.9	26
39	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
40	Interleukin-1 Modulation of Anterior Pituitary Function... <i>Annals of the New York Academy of Sciences</i> , 1990, 594, 489-491.	3.8	3
41	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
42	Somatostatin and SMS 201-995 reverse the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin. <i>European Journal of Pharmacology</i> , 1988, 151, 399-407.	3.5	48
43	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
44	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