Carla Distasi

List of Publications by Year
in descending order

38 papers	703 citations	567281 15 h-index	552781 26 g-index
40 all docs	40 docs citations	40 times ranked	1003 citing authors

#	Article	IF	Citations
1	P2X Purinergic Receptors Are Multisensory Detectors for Micro-Environmental Stimuli That Control Migration of Tumoral Endothelium. Cancers, 2022, 14, 2743.	3.7	5
2	Deletion of calcineurin from astrocytes reproduces proteome signature of Alzheimer's disease and epilepsy and predisposes to seizures. Cell Calcium, 2021, 100, 102480.	2.4	6
3	Deletion of calcineurin from GFAPâ€expressing astrocytes impairs excitability of cerebellar and hippocampal neurons through astroglial Na⁺/K⁺ ATPase. Glia, 2020, 68, 543-560.	4.9	22
4	Early Stimulation of TREK Channel Transcription and Activity Induced by Oxaliplatin-Dependent Cytosolic Acidification. International Journal of Molecular Sciences, 2020, 21, 7164.	4.1	2
5	Assessment of a Silicon-Photomultiplier-Based Platform for the Measurement of Intracellular Calcium Dynamics with Targeted Aequorin. ACS Sensors, 2020, 5, 2388-2397.	7.8	5
6	Proteomic analysis links alterations of bioenergetics, mitochondria-ER interactions and proteostasis in hippocampal astrocytes from 3xTg-AD mice. Cell Death and Disease, 2020, 11, 645.	6.3	48
7	The interaction of SiO₂ nanoparticles with the neuronal cell membrane: activation of ionic channels and calcium influx. Nanomedicine, 2019, 14, 575-594.	3.3	7
8	SiO2 nanoparticles modulate the electrical activity of neuroendocrine cells without exerting genomic effects. Scientific Reports, 2018, 8, 2760.	3.3	9
9	Oxaliplatin induces pH acidification in dorsal root ganglia neurons. Scientific Reports, 2018, 8, 15084.	3.3	16
10	Transcriptional Remodeling in Primary Hippocampal Astrocytes from an Alzheimerâ€™s Disease Mouse Model. Current Alzheimer Research, 2018, 15, 986-1004.	1.4	15
11	Nanoparticles and potential neurotoxicity: focus on molecular mechanisms. AIMS Molecular Science, 2018, 5, 1-13.	0.5	26
12	Susceptibility of different mouse strains to oxaliplatin peripheral neurotoxicity: Phenotypic and genotypic insights. PLoS ONE, 2017, 12, e0186250.	2.5	52
13	Nanosized TiO2 is internalized by dorsal root ganglion cells and causes damage via apoptosis. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1309-1319.	3.3	16
14	Calcium Signaling in Neuronal Motility: Pharmacological Tools for Investigating Specific Pathways. Current Medicinal Chemistry, 2012, 19, 5793-5801.	2.4	3
15	Hydrophilic/hydrophobic features of TiO2 nanoparticles as a function of crystal phase, surface area and coating, in relation to their potential toxicity in peripheral nervous system. Journal of Colloid and Interface Science, 2012, 369, 28-39.	9.4	93
16	Activation of TRPV4 channels reduces migration of immortalized neuroendocrine cells. Journal of Neurochemistry, 2011, 116, 606-615.	3.9	28
17	Calcium signals: Analysis in time and frequency domains. Journal of Neuroscience Methods, 2011, 199, 310-320.	2.5	14
18	Novel adenosine and cAMP signalling pathways in migrating glial cells. Cell Calcium, 2010, 48, 83-90.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Calcium signals activated by ghrelin and D-Lys3-GHRP-6 ghrelin antagonist in developing dorsal root ganglion glial cells. Cell Calcium, 2009, 46, 197-208.	2.4	24
20	Entropy measures of cellular aggregation. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 2762-2770.	2.6	2
21	Calcineurin Primes Immature Gonadotropin-Releasing Hormone-Secreting Neuroendocrine Cells for Migration. Molecular Endocrinology, 2008, 22, 729-736.	3.7	7
22	Calcium signals and the in vitro migration of chick ciliary ganglion cells. Cell Calcium, 2006, 40, 63-71.	2.4	9
23	A transport mechanism for NAADP in a rat basophilic cell line. FASEB Journal, 2006, 20, 521-523.	0.5	47
24	A simple method to study cellular migration. Journal of Neuroscience Methods, 2005, 141, 271-276.	2.5	8
25	Calcium Signals Activated by Arachidonic Acid in Embryonic Chick Ciliary Ganglion Neurons. NeuroSignals, 2005, 14, 244-254.	0.9	9
26	A K+ channel activated by cholinergic muscarinic receptors in chick ciliary ganglion neurons at early developmental stage. Brain Research, 2003, 991, 262-266.	2.2	0
27	GDNF and bFGF are differentially involved in glial cell differentiation and neurite bundle formation in cultures from chick embryonic ciliary ganglia. NeuroReport, 2003, 14, 2343-2347.	1.2	2
28	A calcium-permeable channel activated by muscarinic acetylcholine receptors and InsP3 in developing chick ciliary ganglion neurons. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1590, 109-122.	4.1	1
29	In vitro analysis of neuron-glial cell interactions during cellular migration. European Biophysics Journal, 2002, 31, 81-88.	2.2	20
30	In vitro identification of dividing neuronal precursors from chick embryonic ciliary ganglion. NeuroReport, 2000, 11, 1209-1212.	1.2	9
31	Neuronal survival and calcium influx induced by basic fibroblast growth factor in chick ciliary ganglion neurons. European Journal of Neuroscience, 1998, 10, 2276-2286.	2.6	29
32	Arachidonic acid mediates calcium influx induced by basic fibroblast growth factor in Balb-c 3T3 fibroblasts. Cell Calcium, 1997, 22, 179-188.	2.4	69
33	Sustained calcium influx activated by basic fibroblast growth factor in Balbâ€c 3T3 fibroblasts.. Journal of Physiology, 1995, 484, 557-566.	2.9	32
34	Basic Fibroblast Growth Factor Opens Calcium-Permeable Channels in Quail Mesencephalic Neural Crest Neurons. European Journal of Neuroscience, 1995, 7, 516-520.	2.6	19
35	Role of extracellular matrix molecules in the development of the sodium current in quail mesencephalic neural crest cells. Experientia, 1992, 48, 859-864.	1.2	2
36	Single-channel current simulation and recording using a photodiode as current generator. Journal of Neuroscience Methods, 1989, 26, 233-238.	2.5	3

#	Article	IF	Citations
37	Potassium channels in mouse neonate dorsal root ganglion cells: a patch-clamp study. Brain Research, 1987, 412, 224-232.	2.2	27
38	Development of ionic channels during mouse neuronal differentiation. Journal De Physiologie, 1985, 80, 312-20.	0.2	5