Flavio R Zolessi

List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	692 citations	840776 11 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	952 citing authors

#	Article	IF	Citations
1	Polarization and orientation of retinal ganglion cells in vivo. Neural Development, 2006, 1, 2.	2.4	216
2	The Oriented Emergence of Axons from Retinal Ganglion Cells Is Directed by Laminin Contact InÂVivo. Neuron, 2011, 70, 266-280.	8.1	107
3	A fast, low cost, and highly efficient fluorescent DNA labeling method using methyl green. Histochemistry and Cell Biology, 2014, 142, 335-345.	1.7	67
4	Cypermethrin: Oxidative stress and genotoxicity in retinal cells of the adult zebrafish. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 826, 25-32.	1.7	45
5	Characterization of primary cilia during the differentiation of retinal ganglion cells in the zebrafish. Neural Development, 2016, 11, 10.	2.4	29
6	Asymmetric inheritance of the apical domain and self-renewal of retinal ganglion cell progenitors depend on Anillin function. Development (Cambridge), 2015, 142, 832-9.	2.5	27
7	Neuron's little helper: The role of primary cilia in neurogenesis. Neurogenesis (Austin, Tex), 2016, 3, e1253363.	1.5	27
8	Apical accumulation of MARCKS in neural plate cells during neurulation in the chick embryo. , 2001, 1, 7.		26
9	Multi-Anti-Parasitic Activity of Arylidene Ketones and Thiazolidene Hydrazines against Trypanosoma cruzi and Leishmania spp.. Molecules, 2017, 22, 709.	3.8	25
10	Time-lapse analysis of retinal differentiation. Current Opinion in Cell Biology, 2005, 17, 676-681.	5.4	14
11	Functional Diversification of the Four MARCKS Family Members in Zebrafish Neural Development. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 119-138.	1.3	14
12	Identification of the Chicken MARCKS Phosphorylation Site Specific for Differentiating Neurons as Ser 25 Using a Monoclonal Antibody and Mass Spectrometry. Journal of Proteome Research, 2004, 3, 84-90.	3.7	12
13	Application of the DNA-Specific Stain Methyl Green in the Fluorescent Labeling of Embryos. Journal of Visualized Experiments, 2015, , e52769.	0.3	12
14	A Novel Effect of MARCKS Phosphorylation by Activated PKC: The Dephosphorylation of Its Serine 25 in Chick Neuroblasts. PLoS ONE, 2013, 8, e62863.	2.5	11
15	Characterization of MARCKS (Myristoylated Alanine-Rich C Kinase Substrate) Identified by a Monoclonal Antibody Generated against Chick Embryo Neural Retina. Biochemical and Biophysical Research Communications, 1999, 257, 480-487.	2.1	10
16	Sustained phosphorylation of MARCKS in differentiating neurogenic regions during chick embryo development. Developmental Brain Research, 2001, 130, 257-267.	1.7	10
17	Structural characterization of a neuroblast-specific phosphorylated region of MARCKS. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 837-849.	2.3	8
18	Slit2 is necessary for optic axon organization in the zebrafish ventral midline. Cells and Development, 2021, 166, 203677.	1.5	7

#	Article	IF	Citations
19	MARCKS in Advanced Stages of Neural Retina Histogenesis. Developmental Neuroscience, 2004, 26, 371-379.	2.0	6
20	MARCKS phosphorylation by PKC strongly impairs cell polarity in the chick neural plate. Genesis, 2018, 56, e23104.	1.6	6
21	Early phosphorylation of MARCKS at Ser25 in migrating precursor cells and differentiating peripheral neurons. Neuroscience Letters, 2013, 544, 5-9.	2.1	5
22	Photoreceptor progenitor dynamics in the zebrafish embryo retina and its modulation by primary cilia and N-cadherin. International Journal of Developmental Biology, 2021, 65, 439-455.	0.6	3
23	Studying Human Genetic Variation in Zebrafish. , 2019, , 89-117.		1
24	Building the embryo of Developmental Biology in Uruguay. International Journal of Developmental Biology, 2021, 65, 71-76.	0.6	1
25	Ensamblando el embriÃ³n de la biologÃa del desarrollo en Uruguay. EducaciÃ³n De Ciencias BiolÃ³gicas, 2021, 6, .	0.2	0