Miguel A Cuadros

List of Publications by Year
in descending order

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41 papers	1,761 citations	361413 20 h-index	361022 35 g-index
41 all docs	41 docs citations	41 times ranked	1721 citing authors

#	Article	IF	Citations
1	The origin and differentiation of microglial cells during development. Progress in Neurobiology, 1998, 56, 173-189.	5.7	265
2	First appearance, distribution, and origin of macrophages in the early development of the avian central nervous system. Journal of Comparative Neurology, 1993, 330, 113-129.	1.6	172
3	Embryonic and postnatal development of microglial cells in the mouse retina. Journal of Comparative Neurology, 2008, 506, 224-239.	1.6	166
4	Microglia and neuronal cell death. Neuron Glia Biology, 2011, 7, 25-40.	1.6	119
5	Microglial response to lightâ€induced photoreceptor degeneration in the mouse retina. Journal of Comparative Neurology, 2010, 518, 477-492.	1.6	85
6	Naturally occurring cell death and migration of microglial precursors in the quail retina during normal development. , 1999, 412, 255-275.		69
7	Expression of Inducible Nitric Oxide Synthase (iNOS) in Microglia of the Developing Quail Retina. PLoS ONE, 2014, 9, e106048.	2.5	67
8	Spatial and temporal correlation between early nerve fiber growth and neuroepithelial cell death in the chick embryo retina. Anatomy and Embryology, 1988, 178, 543-551.	1.5	64
9	Origin of microglia in the quail retina: Central-to-peripheral and vitreal-to-scleral migration of microglial precursors during development. Journal of Comparative Neurology, 1995, 354, 209-228.	1.6	64
10	Entry, dispersion and differentiation of microglia in the developing central nervous system. Anais Da Academia Brasileira De Ciencias, 2000, 72, 91-102.	0.8	54
11	Tangential migration of ameboid microglia in the developing quail retina: Mechanism of migration and migratory behavior. , 1998, 22, 31-52.		48
12	Proliferation of actively migrating ameboid microglia in the developing quail retina. Anatomy and Embryology, 1999, 200, 289-300.	1.5	45
13	Development of microglia in the quail optic tectum. Journal of Comparative Neurology, 1994, 348, 207-224.	1.6	44
14	Radial migration of developing microglial cells in quail retina: A confocal microscopy study. Glia, 2004, 46, 261-273.	4.9	39
15	Early origin and colonization of the developing central nervous system by microglial precursors. Progress in Brain Research, 2001, 132, 51-59.	1.4	38
16	Microglia in the mature and developing quail brain as revealed by a monoclonal antibody recognizing hemopoietic cells. Neuroscience Letters, 1992, 148, 11-14.	2.1	37
17	Macrophages during avian optic nerve development: relationship to cell death and differentiation into microglia. Anatomy and Embryology, 1996, 193, 131-44.	1.5	37
18	Microglia development in the quail cerebellum. Journal of Comparative Neurology, 1997, 389, 390-401.	1.6	36

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19	Microglia in the avian retina: Immunocytochemical demonstration in the adult quail. Journal of Comparative Neurology, 1994, 350, 171-186.	1.6	35
20	Microglial Activation Promotes Cell Survival in Organotypic Cultures of Postnatal Mouse Retinal Explants. PLoS ONE, 2015, 10, e0135238.	2.5	25
21	Specific Immunolabeling of Brain Macrophages and Microglial Cells in the Developing and Mature Chick Central Nervous System. Journal of Histochemistry and Cytochemistry, 2006, 54, 727-738.	2.5	24
22	Circumferential migration of ameboid microglia in the margin of the developing quail retina. , 1999, 27, 226-238.		23
23	Microglial cells in organotypic cultures of developing and adult mouse retina and their relationship with cell death. Experimental Eye Research, 2014, 121, 42-57.	2.6	23
24	Onset of microglial entry into developing quail retina coincides with increased expression of active caspase-3 and is mediated by extracellular ATP and UDP. PLoS ONE, 2017, 12, e0182450.	2.5	20
25	Macrophage-like cells invading the suboptic necrotic centres of the avian embryo diencephalon originate from haemopoietic precursors. Journal of Neurocytology, 1991, 20, 962-968.	1.5	18
26	Sortilin Participates in Light-dependent Photoreceptor Degeneration in Vivo. PLoS ONE, 2012, 7, e36243.	2.5	18
27	Microglia and Microglia-Like Cells: Similar but Different. Frontiers in Cellular Neuroscience, 2022, 16, 816439.	3.7	16
28	Poly(ADP-ribose)polymerases inhibitors prevent early mitochondrial fragmentation and hepatocyte cell death induced by H2O2. PLoS ONE, 2017, 12, e0187130.	2.5	12
29	Macrophages of hemangioblastic lineage invade the lens vesicle-ectoderm interspace during closure and detachment of the avian embryonic lens. Cell and Tissue Research, 1991, 266, 117-127.	2.9	11
30	Response of macrophage/microglial cells to experimental neuronal degeneration in the avian isthmo-optic nucleus during development. Journal of Comparative Neurology, 2000, 423, 659-669.	1.6	11
31	Activation of immature microglia in response to stab wound in embryonic quail retina. Journal of Comparative Neurology, 2005, 492, 20-33.	1.6	10
32	DNA Damage, Poly(ADP-Ribose) Polymerase Activation, and Phosphorylated Histone H2AX Expression During Postnatal Retina Development in C57BL/6 Mouse. Investigative Ophthalmology and Visual Science, 2015, 56, 1301-1309.	3.3	10
33	The endoplasmic reticulum Ca²⁺â€<scp>ATPase SERCA2b</scp> is upregulated in activated microglia and its inhibition causes opposite effects on migration and phagocytosis. Glia, 2021, 69, 842-857.	4.9	10
34	Migration and ramification of microglia in quail embryo retina organotypic cultures. Developmental Neurobiology, 2011, 71, 296-315.	3.0	9
35	PARP-1 activation after oxidative insult promotes energy stress-dependent phosphorylation of YAP1 and reduces cell viability. Biochemical Journal, 2020, 477, 4491-4513.	3.7	9
36	Behavior of in vitro cultured ameboid microglial cells migrating on MÃ¼ller cell end-feet in the quail embryo retina. Glia, 2006, 54, 376-393.	4.9	7

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37	Simultaneous Cell Death and Upregulation of Poly(ADP-Ribose) Polymerase-1 Expression in Early Postnatal Mouse Retina. , 2011, 52, 7445.		7
38	Poly(ADP-Ribose) Polymerase-1 inhibition potentiates cell death and phosphorylation of DNA damage response proteins in oxidative stressed retinal cells. Experimental Eye Research, 2019, 188, 107790.	2.6	6
39	Switching Roles: Beneficial Effects of Adipose Tissue-Derived Mesenchymal Stem Cells on Microglia and Their Implication in Neurodegenerative Diseases. Biomolecules, 2022, 12, 219.	4.0	5
40	Roles of Microglia in the Developing Avian Visual System. , 2002, , 15-35.		3
41	Localization and distribution of alkaline phosphatase activity in the hepatopancreas of the snail. Tissue and Cell, 1994, 26, 413-419.	2.2	0