

# Miguel A Cuadros

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,761  
citations

361045

20  
h-index

360668

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. <i>Progress in Neurobiology</i> , 1998, 56, 173-189.	2.8	265
2	First appearance, distribution, and origin of macrophages in the early development of the avian central nervous system. <i>Journal of Comparative Neurology</i> , 1993, 330, 113-129.	0.9	172
3	Embryonic and postnatal development of microglial cells in the mouse retina. <i>Journal of Comparative Neurology</i> , 2008, 506, 224-239.	0.9	166
4	Microglia and neuronal cell death. <i>Neuron Glia Biology</i> , 2011, 7, 25-40.	2.0	119
5	Microglial response to light-induced photoreceptor degeneration in the mouse retina. <i>Journal of Comparative Neurology</i> , 2010, 518, 477-492.	0.9	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. <i>PLoS ONE</i> , 2014, 9, e106048.	1.1	67
8	Spatial and temporal correlation between early nerve fiber growth and neuroepithelial cell death in the chick embryo retina. <i>Anatomy and Embryology</i> , 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. <i>Journal of Comparative Neurology</i> , 1995, 354, 209-228.	0.9	64
10	Entry, dispersion and differentiation of microglia in the developing central nervous system. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 91-102.	0.3	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. <i>Anatomy and Embryology</i> , 1999, 200, 289-300.	1.5	45
13	Development of microglia in the quail optic tectum. <i>Journal of Comparative Neurology</i> , 1994, 348, 207-224.	0.9	44
14	Radial migration of developing microglial cells in quail retina: A confocal microscopy study. <i>Glia</i> , 2004, 46, 261-273.	2.5	39
15	Early origin and colonization of the developing central nervous system by microglial precursors. <i>Progress in Brain Research</i> , 2001, 132, 51-59.	0.9	38
16	Microglia in the mature and developing quail brain as revealed by a monoclonal antibody recognizing hemopoietic cells. <i>Neuroscience Letters</i> , 1992, 148, 11-14.	1.0	37
17	Macrophages during avian optic nerve development: relationship to cell death and differentiation into microglia. <i>Anatomy and Embryology</i> , 1996, 193, 131-44.	1.5	37
18	Microglia development in the quail cerebellum. <i>Journal of Comparative Neurology</i> , 1997, 389, 390-401.	0.9	36

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19	Microglia in the avian retina: Immunocytochemical demonstration in the adult quail. <i>Journal of Comparative Neurology</i> , 1994, 350, 171-186.	0.9	35
20	Microglial Activation Promotes Cell Survival in Organotypic Cultures of Postnatal Mouse Retinal Explants. <i>PLoS ONE</i> , 2015, 10, e0135238.	1.1	25
21	Specific Immunolabeling of Brain Macrophages and Microglial Cells in the Developing and Mature Chick Central Nervous System. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 727-738.	1.3	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. <i>Experimental Eye Research</i> , 2014, 121, 42-57.	1.2	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. <i>PLoS ONE</i> , 2017, 12, e0182450.	1.1	20
25	Macrophage-like cells invading the suboptic necrotic centres of the avian embryo diencephalon originate from haemopoietic precursors. <i>Journal of Neurocytology</i> , 1991, 20, 962-968.	1.6	18
26	Sortilin Participates in Light-dependent Photoreceptor Degeneration in Vivo. <i>PLoS ONE</i> , 2012, 7, e36243.	1.1	18
27	Microglia and Microglia-Like Cells: Similar but Different. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 816439.	1.8	16
28	Poly(ADP-ribose)polymerases inhibitors prevent early mitochondrial fragmentation and hepatocyte cell death induced by H <sub>2</sub> O <sub>2</sub> . <i>PLoS ONE</i> , 2017, 12, e0187130.	1.1	12
29	Macrophages of hemangioblastic lineage invade the lens vesicle-ectoderm interspace during closure and detachment of the avian embryonic lens. <i>Cell and Tissue Research</i> , 1991, 266, 117-127.	1.5	11
30	Response of macrophage/microglial cells to experimental neuronal degeneration in the avian isthmo-optic nucleus during development. <i>Journal of Comparative Neurology</i> , 2000, 423, 659-669.	0.9	11
31	Activation of immature microglia in response to stab wound in embryonic quail retina. <i>Journal of Comparative Neurology</i> , 2005, 492, 20-33.	0.9	10
32	DNA Damage, Poly(ADP-Ribose) Polymerase Activation, and Phosphorylated Histone H2AX Expression During Postnatal Retina Development in C57BL/6 Mouse. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1301-1309.	3.3	10
33	The endoplasmic reticulum Ca <sup>2+</sup> -ATPase SERCA2b is upregulated in activated microglia and its inhibition causes opposite effects on migration and phagocytosis. <i>Glia</i> , 2021, 69, 842-857.	2.5	10
34	Migration and ramification of microglia in quail embryo retina organotypic cultures. <i>Developmental Neurobiology</i> , 2011, 71, 296-315.	1.5	9
35	PARP-1 activation after oxidative insult promotes energy stress-dependent phosphorylation of YAP1 and reduces cell viability. <i>Biochemical Journal</i> , 2020, 477, 4491-4513.	1.7	9
36	Behavior of in vitro cultured ameboid microglial cells migrating on Müller cell end-feet in the quail embryo retina. <i>Glia</i> , 2006, 54, 376-393.	2.5	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.	1.2	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.	1.8	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.	1.0	0