Joaquin Maria Rodriguez Leon

List of Publications by Year
in descending order

37 papers	2,766 citations	304368 22 h-index	344852 36 g-index
37 all docs	37 docs citations	37 times ranked	3490 citing authors

#	Article	IF	Citations
1	Endogenous pH 6.0 Î²-Galactosidase Activity Is Linked to Neuronal Differentiation in the Olfactory Epithelium. Cells, 2022, 11, 298.	1.8	4
2	Comparative Analysis of Type I Keratin Expression By Nail Consistency: An Immunohistochemistry Study. Applied Immunohistochemistry and Molecular Morphology, 2022, 30, 298-303.	0.6	1
3	Timing and Distribution of Mitotic Activity in the Retina During Precocial and Altricial Modes of Avian Development. Frontiers in Neuroscience, 2022, 16, .	1.4	2
4	Histogenesis and cell differentiation in the retina of Thunnus thynnus: A morphological and immunohistochemical study. Tissue and Cell, 2022, 76, 101809.	1.0	1
5	Is Senescence-Associated Î²-Galactosidase a Reliable in vivo Marker of Cellular Senescence During Embryonic Development?. Frontiers in Cell and Developmental Biology, 2021, 9, 623175.	1.8	53
6	Development and postnatal neurogenesis in the retina: a comparison between altricial and precocial bird species. Neural Regeneration Research, 2021, 16, 16.	1.6	9
7	Analysis of Programmed Cell Death and Senescence Markers in the Developing Retina of an Altricial Bird Species. Cells, 2021, 10, 504.	1.8	3
8	Retinal differentiation in an altricial bird species, Taeniopygia guttata: An immunohistochemical study. Experimental Eye Research, 2020, 190, 107869.	1.2	11
9	Senescenceâ€associated Î²â€galactosidase activity in the developing avian retina. Developmental Dynamics, 2019, 248, 850-865.	0.8	23
10	Retinal histogenesis in an altricial avian species, the zebra finch (Taeniopygia guttata, Vieillot) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	10
11	Apoptosis during embryonic tissue remodeling is accompanied by cell senescence. Aging, 2015, 7, 974-985.	1.4	42
12	Ontogenetic Cell Death and Phagocytosis in the Visual System of Vertebrates. Developmental Dynamics, 2014, 243, 1203-1225.	0.8	27
13	V-ATPase Proton Pumping Activity Is Required for Adult Zebrafish Appendage Regeneration. PLoS ONE, 2014, 9, e92594.	1.1	33
14	Expression and Functional Study of Extracellular BMP Antagonists during the Morphogenesis of the Digits and Their Associated Connective Tissues. PLoS ONE, 2013, 8, e60423.	1.1	22
15	Recent advances in the study of limb development: the emergence and function of the apical ectodermal ridge. Journal of Stem Cells, 2013, 8, 79-98.	1.0	11
16	FLRT3 as a key player on chick limb development. Developmental Biology, 2011, 355, 324-333.	0.9	20
17	Targeting the hemangioblast with a novel cell type-specific enhancer. BMC Developmental Biology, 2011, 11, 76.	2.1	8
18	Differentiated skeletal cells contribute to blastema formation during zebrafish fin regeneration. Development (Cambridge), 2011, 138, 3897-3905.	1.2	133

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19	Coordinated and sequential activation of neutral and acidic DNases during interdigital cell death in the embryonic limb. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1197-1210.	2.2	21
20	09-P015 Oct4 controls apical ectodermal ridge integrity and function during limb bud development. Mechanisms of Development, 2009, 126, S154-S155.	1.7	0
21	Exclusion of a Proton ATPase from the Apical Membrane Is Associated with Cell Polarity and Tip Growth inNicotiana tabacumPollen Tubes. Plant Cell, 2008, 20, 614-634.	3.1	121
22	Pitx2 regulates gonad morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11242-11247.	3.3	57
23	A Molecular Clock Operates During Chick Autopod Proximal-distal Outgrowth. Journal of Molecular Biology, 2007, 368, 303-309.	2.0	55
24	Tbx2 and Tbx3 Regulate the Dynamics of Cell Proliferation during Heart Remodeling. PLoS ONE, 2007, 2, e398.	1.1	82
25	The role of TGFÎ²s and Sox9 during limb chondrogenesis. Current Opinion in Cell Biology, 2006, 18, 723-729.	2.6	142
26	Sp8 and Sp9, two closely related buttonhead-like transcription factors, regulate Fgf8expression and limb outgrowth in vertebrate embryos. Development (Cambridge), 2004, 131, 4763-4774.	1.2	149
27	Notch activity acts as a sensor for extracellular calcium during vertebrate leftâ€“right determination. Nature, 2004, 427, 121-128.	13.7	255
28	A new role for BMP5 during limb development acting through the synergic activation of Smad and MAPK pathways. Developmental Biology, 2004, 272, 39-52.	0.9	108
29	MKP3 mediates the cellular response to FGF8 signalling in the vertebrate limb. Nature Cell Biology, 2003, 5, 513-519.	4.6	247
30	Analysis of the molecular cascade responsible for mesodermal limb chondrogenesis: sox genes and BMP signaling. Developmental Biology, 2003, 257, 292-301.	0.9	208
31	STRUCTURAL BASIS OF BMP SIGNALING INHIBITION BY NOGGIN, A NOVEL TWELVE-MEMBERED CYSTINE KNOT PROTEIN. Journal of Bone and Joint Surgery - Series A, 2003, 85, 52-58.	1.4	76
32	Structural basis of BMP signalling inhibition by the cystine knot protein Noggin. Nature, 2002, 420, 636-642.	13.7	480
33	The limb identity gene Tbx5 promotes limb initiation by interacting with Wnt2b and Fgf10. Development (Cambridge), 2002, 129, 5161-70.	1.2	60
34	Role of FGFs in the control of programmed cell death during limb development. Development (Cambridge), 2001, 128, 2075-2084.	1.2	85
35	Retinoic acid regulates programmed cell death through BMP signalling. Nature Cell Biology, 1999, 1, 125-126.	4.6	107
36	Bone Morphogenetic Proteins Regulate Interdigital Cell Death in the Avian Embryo. Annals of the New York Academy of Sciences, 1999, 887, 120-132.	1.8	63

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37	Regulation by members of the transforming growth factor beta superfamily of the digital and interdigital fates of the autopodial limb mesoderm. Cell and Tissue Research, 1999, 296, 95-102.	1.5	37