

# Joaquin Maria Rodriguez Leon

## List of Publications by Year in descending order

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37  
papers

2,766  
citations

304743

22  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous pH 6.0 $\beta$ -Galactosidase Activity Is Linked to Neuronal Differentiation in the Olfactory Epithelium. <i>Cells</i> , 2022, 11, 298.	4.1	4
2	Comparative Analysis of Type I Keratin Expression By Nail Consistency: An Immunohistochemistry Study. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2022, 30, 298-303.	1.2	1
3	Timing and Distribution of Mitotic Activity in the Retina During Precocial and Altricial Modes of Avian Development. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	2
4	Histogenesis and cell differentiation in the retina of <i>Thunnus thynnus</i> : A morphological and immunohistochemical study. <i>Tissue and Cell</i> , 2022, 76, 101809.	2.2	1
5	Is Senescence-Associated $\beta$ -Galactosidase a Reliable in vivo Marker of Cellular Senescence During Embryonic Development?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 623175.	3.7	53
6	Development and postnatal neurogenesis in the retina: a comparison between altricial and precocial bird species. <i>Neural Regeneration Research</i> , 2021, 16, 16.	3.0	9
7	Analysis of Programmed Cell Death and Senescence Markers in the Developing Retina of an Altricial Bird Species. <i>Cells</i> , 2021, 10, 504.	4.1	3
8	Retinal differentiation in an altricial bird species, <i>Taeniopygia guttata</i> : An immunohistochemical study. <i>Experimental Eye Research</i> , 2020, 190, 107869.	2.6	11
9	Senescence-associated $\beta$ -galactosidase activity in the developing avian retina. <i>Developmental Dynamics</i> , 2019, 248, 850-865.	1.8	23
10	Retinal histogenesis in an altricial avian species, the zebra finch ( <i>Taeniopygia guttata</i> , Vieillot) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	10
11	Apoptosis during embryonic tissue remodeling is accompanied by cell senescence. <i>Aging</i> , 2015, 7, 974-985.	3.1	42
12	Ontogenetic Cell Death and Phagocytosis in the Visual System of Vertebrates. <i>Developmental Dynamics</i> , 2014, 243, 1203-1225.	1.8	27
13	V-ATPase Proton Pumping Activity Is Required for Adult Zebrafish Appendage Regeneration. <i>PLoS ONE</i> , 2014, 9, e92594.	2.5	33
14	Expression and Functional Study of Extracellular BMP Antagonists during the Morphogenesis of the Digits and Their Associated Connective Tissues. <i>PLoS ONE</i> , 2013, 8, e60423.	2.5	22
15	Recent advances in the study of limb development: the emergence and function of the apical ectodermal ridge. <i>Journal of Stem Cells</i> , 2013, 8, 79-98.	1.0	11
16	FLRT3 as a key player on chick limb development. <i>Developmental Biology</i> , 2011, 355, 324-333.	2.0	20
17	Targeting the hemangioblast with a novel cell type-specific enhancer. <i>BMC Developmental Biology</i> , 2011, 11, 76.	2.1	8
18	Differentiated skeletal cells contribute to blastema formation during zebrafish fin regeneration. <i>Development (Cambridge)</i> , 2011, 138, 3897-3905.	2.5	133

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19	Coordinated and sequential activation of neutral and acidic DNases during interdigital cell death in the embryonic limb. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1197-1210.	4.9	21
20	09-P015 Oct4 controls apical ectodermal ridge integrity and function during limb bud development. <i>Mechanisms of Development</i> , 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 in <i>Nicotiana tabacum</i> Pollen Tubes. <i>Plant Cell</i> , 2008, 20, 614-634.	6.6	121
22	Pitx2 regulates gonad morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11242-11247.	7.1	57
23	A Molecular Clock Operates During Chick Autopod Proximal-distal Outgrowth. <i>Journal of Molecular Biology</i> , 2007, 368, 303-309.	4.2	55
24	Tbx2 and Tbx3 Regulate the Dynamics of Cell Proliferation during Heart Remodeling. <i>PLoS ONE</i> , 2007, 2, e398.	2.5	82
25	The role of TGF $\beta$ 2s and Sox9 during limb chondrogenesis. <i>Current Opinion in Cell Biology</i> , 2006, 18, 723-729.	5.4	142
26	Sp8 and Sp9, two closely related buttonhead-like transcription factors, regulate Fgf8 expression and limb outgrowth in vertebrate embryos. <i>Development (Cambridge)</i> , 2004, 131, 4763-4774.	2.5	149
27	Notch activity acts as a sensor for extracellular calcium during vertebrate left-right determination. <i>Nature</i> , 2004, 427, 121-128.	27.8	255
28	A new role for BMP5 during limb development acting through the synergic activation of Smad and MAPK pathways. <i>Developmental Biology</i> , 2004, 272, 39-52.	2.0	108
29	MKP3 mediates the cellular response to FGF8 signalling in the vertebrate limb. <i>Nature Cell Biology</i> , 2003, 5, 513-519.	10.3	247
30	Analysis of the molecular cascade responsible for mesodermal limb chondrogenesis: sox genes and BMP signaling. <i>Developmental Biology</i> , 2003, 257, 292-301.	2.0	208
31	STRUCTURAL BASIS OF BMP SIGNALING INHIBITION BY NOGGIN, A NOVEL TWELVE-MEMBERED CYSTINE KNOT PROTEIN. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 52-58.	3.0	76
32	Structural basis of BMP signalling inhibition by the cystine knot protein Noggin. <i>Nature</i> , 2002, 420, 636-642.	27.8	480
33	The limb identity gene Tbx5 promotes limb initiation by interacting with Wnt2b and Fgf10. <i>Development (Cambridge)</i> , 2002, 129, 5161-70.	2.5	60
34	Role of FGFs in the control of programmed cell death during limb development. <i>Development (Cambridge)</i> , 2001, 128, 2075-2084.	2.5	85
35	Retinoic acid regulates programmed cell death through BMP signalling. <i>Nature Cell Biology</i> , 1999, 1, 125-126.	10.3	107
36	Bone Morphogenetic Proteins Regulate Interdigital Cell Death in the Avian Embryo. <i>Annals of the New York Academy of Sciences</i> , 1999, 887, 120-132.	3.8	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.	2.9	37