Juan M HurlÃ©

List of Publications by Year
in descending order

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43 papers	2,968 citations	236925 25 h-index	254184 43 g-index
43 all docs	43 docs citations	43 times ranked	2376 citing authors

#	Article	IF	Citations
1	Transforming growth factor beta signaling: The master sculptor of fingers. Developmental Dynamics, 2022, 251, 105-116.	1.8	7
2	Regulation of Developmental Cell Death in the Animal Kingdom: A Critical Analysis of Epigenetic versus Genetic Factors. International Journal of Molecular Sciences, 2022, 23, 1154.	4.1	1
3	Cell death in the developing vertebrate limb: A locally regulated mechanism contributing to musculoskeletal tissue morphogenesis and differentiation. Developmental Dynamics, 2021, 250, 1236-1247.	1.8	13
4	Histone Epigenetic Signatures in Embryonic Limb Interdigital Cells Fated to Die. Cells, 2021, 10, 911.	4.1	4
5	Confluence of Cellular Degradation Pathways During Interdigital Tissue Remodeling in Embryonic Tetrapods. Frontiers in Cell and Developmental Biology, 2020, 8, 593761.	3.7	12
6	The methylation status of the embryonic limb skeletal progenitors determines their cell fate in chicken. Communications Biology, 2020, 3, 283.	4.4	15
7	UHRF genes regulate programmed interdigital tissue regression and chondrogenesis in the embryonic limb. Cell Death and Disease, 2019, 10, 347.	6.3	16
8	Four and a half domain 2 (FHL2) scaffolding protein is a marker of connective tissues of developing digits and regulates fibrogenic differentiation of limb mesodermal progenitors. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e2062-e2072.	2.7	3
9	Sox9 Expression in Amniotes: Species-Specific Differences in the Formation of Digits. Frontiers in Cell and Developmental Biology, 2017, 5, 23.	3.7	23
10	The tumor suppressor BTG1 is expressed in the developing digits and regulates skeletogenic differentiation of limb mesodermal progenitors in high density cultures. Cell and Tissue Research, 2016, 364, 299-308.	2.9	4
11	DNA damage precedes apoptosis during the regression of the interdigital tissue in vertebrate embryos. Scientific Reports, 2016, 6, 35478.	3.3	26
12	Interdigital tissue regression in the developing limb of vertebrates. International Journal of Developmental Biology, 2015, 59, 55-62.	0.6	20
13	Apoptosis during embryonic tissue remodeling is accompanied by cell senescence. Aging, 2015, 7, 974-985.	3.1	42
14	Ligand- and Stage-Dependent Divergent Functions of BMP Signaling in the Differentiation of Embryonic Skeletogenic Progenitors In Vitro. Journal of Bone and Mineral Research, 2014, 29, 735-748.	2.8	23
15	Reelin/DABâ€1 Signaling in the Embryonic Limb Regulates the Chondrogenic Differentiation of Digit Mesodermal Progenitors. Journal of Cellular Physiology, 2014, 229, 1397-1404.	4.1	14
16	Divergent Differentiation of Skeletal Progenitors into Cartilage and Tendon: Lessons from the Embryonic Limb. ACS Chemical Biology, 2014, 9, 72-79.	3.4	29
17	Decorin gene expression in the differentiation of the skeletal connective tissues of the developing limb. Gene Expression Patterns, 2014, 15, 52-60.	0.8	12
18	Î²ig-h3 Potentiates the Profibrogenic Effect of TGFÎ² Signaling on Connective Tissue Progenitor Cells Through the Negative Regulation of Master Chondrogenic Genes. Tissue Engineering - Part A, 2013, 19, 448-457.	3.1	17

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19	Expression and Functional Study of Extracellular BMP Antagonists during the Morphogenesis of the Digits and Their Associated Connective Tissues. PLoS ONE, 2013, 8, e60423.	2.5	22
20	Regenerative medicine and connective tissues: cartilage versus tendon. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 337-347.	2.7	18
21	Defining the Earliest Transcriptional Steps of Chondrogenic Progenitor Specification during the Formation of the Digits in the Embryonic Limb. PLoS ONE, 2011, 6, e24546.	2.5	50
22	Sculpturing digit shape by cell death. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 365-375.	4.9	68
23	Transforming Growth Factors Î² Coordinate Cartilage and Tendon Differentiation in the Developing Limb Mesenchyme. Journal of Biological Chemistry, 2009, 284, 29988-29996.	3.4	160
24	Activin/TGFÎ² and BMP crosstalk determines digit chondrogenesis. Developmental Biology, 2008, 321, 343-356.	2.0	82
25	Lysosomal cathepsins in embryonic programmed cell death. Developmental Biology, 2007, 301, 205-217.	2.0	49
26	Tendon-muscle crosstalk controls muscle bellies morphogenesis, which is mediated by cell death and retinoic acid signaling. Developmental Biology, 2007, 302, 267-280.	2.0	41
27	Role of RhoC in digit morphogenesis during limb development. Developmental Biology, 2007, 303, 325-335.	2.0	30
28	Cathepsin D gene expression outlines the areas of physiological cell death during embryonic development. Developmental Dynamics, 2007, 236, 880-885.	1.8	26
29	A new role for BMP5 during limb development acting through the synergic activation of Smad and MAPK pathways. Developmental Biology, 2004, 272, 39-52.	2.0	108
30	Analysis of the molecular cascade responsible for mesodermal limb chondrogenesis: sox genes and BMP signaling. Developmental Biology, 2003, 257, 292-301.	2.0	208
31	Programmed cell death in the developing limb. International Journal of Developmental Biology, 2002, 46, 871-6.	0.6	83
32	Role of FGFs in the control of programmed cell death during limb development. Development (Cambridge), 2001, 128, 2075-2084.	2.5	85
33	Expression and Function ofGdf-5during Digit Skeletogenesis in the Embryonic Chick Leg Bud. Developmental Biology, 1999, 206, 33-45.	2.0	187
34	Control of digit formation by activin signalling. Development (Cambridge), 1999, 126, 2161-2170.	2.5	69
35	The BMP antagonist Gremlin regulates outgrowth, chondrogenesis and programmed cell death in the developing limb. Development (Cambridge), 1999, 126, 5515-5522.	2.5	300
36	Morphological Diversity of the Avian Foot Is Related with the Pattern ofmsxGene Expression in the Developing Autopod. Developmental Biology, 1998, 196, 33-41.	2.0	94

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37	Morphogenesis of Digits in the Avian Limb Is Controlled by FGFs, TGFÎ²s, and Noggin through BMP Signaling. Developmental Biology, 1998, 200, 35-45.	2.0	214
38	Morphogenetic potential of the chick leg interdigital mesoderm when diverted from the cell death program. Developmental Dynamics, 1997, 208, 406-419.	1.8	29
39	Role of BMP-2 and OP-1 (BMP-7) in programmed cell death and skeletogenesis during chick limb development. Development (Cambridge), 1997, 124, 1109-1117.	2.5	307
40	Role of TGFÎ²s and BMPs as signals controlling the position of the digits and the areas of interdigital cell death in the developing chick limb autopod. Development (Cambridge), 1996, 122, 2349-2357.	2.5	280
41	Immunohistological and ultrastructural study of the developing tendons of the avian foot. Anatomy and Embryology, 1995, 192, 483-96.	1.5	60
42	Experimental analysis of the role of ECM in the patterning of the distal tendons of the developing limb bud. Cell Differentiation and Development, 1990, 30, 97-108.	0.4	54
43	Experimental analysis of the in vivo chondrogenic potential of the interdigital mesenchyme of the chick leg bud subjected to local ectodermal removal. Developmental Biology, 1989, 132, 368-374.	2.0	63