

# Juan M HurlÃ©

## List of Publications by Year in descending order

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43  
papers

2,968  
citations

236925

25  
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254184

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43  
docs citations

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times ranked

2376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of BMP-2 and OP-1 (BMP-7) in programmed cell death and skeletogenesis during chick limb development. <i>Development (Cambridge)</i> , 1997, 124, 1109-1117.	2.5	307
2	The BMP antagonist Gremlin regulates outgrowth, chondrogenesis and programmed cell death in the developing limb. <i>Development (Cambridge)</i> , 1999, 126, 5515-5522.	2.5	300
3	Role of TGF $\beta$ s and BMPs as signals controlling the position of the digits and the areas of interdigital cell death in the developing chick limb autopod. <i>Development (Cambridge)</i> , 1996, 122, 2349-2357.	2.5	280
4	Morphogenesis of Digits in the Avian Limb Is Controlled by FGFs, TGF $\beta$ s, and Noggin through BMP Signaling. <i>Developmental Biology</i> , 1998, 200, 35-45.	2.0	214
5	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
6	Expression and Function of Gdf-5 during Digit Skeletogenesis in the Embryonic Chick Leg Bud. <i>Developmental Biology</i> , 1999, 206, 33-45.	2.0	187
7	Transforming Growth Factors $\beta$ 2 Coordinate Cartilage and Tendon Differentiation in the Developing Limb Mesenchyme. <i>Journal of Biological Chemistry</i> , 2009, 284, 29988-29996.	3.4	160
8	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
9	Morphological Diversity of the Avian Foot Is Related with the Pattern of <i>msx</i> Gene Expression in the Developing Autopod. <i>Developmental Biology</i> , 1998, 196, 33-41.	2.0	94
10	Role of FGFs in the control of programmed cell death during limb development. <i>Development (Cambridge)</i> , 2001, 128, 2075-2084.	2.5	85
11	Programmed cell death in the developing limb. <i>International Journal of Developmental Biology</i> , 2002, 46, 871-6.	0.6	83
12	Activin/TGF $\beta$ 2 and BMP crosstalk determines digit chondrogenesis. <i>Developmental Biology</i> , 2008, 321, 343-356.	2.0	82
13	Control of digit formation by activin signalling. <i>Development (Cambridge)</i> , 1999, 126, 2161-2170.	2.5	69
14	Sculpturing digit shape by cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 365-375.	4.9	68
15	Experimental analysis of the in vivo chondrogenic potential of the interdigital mesenchyme of the chick leg bud subjected to local ectodermal removal. <i>Developmental Biology</i> , 1989, 132, 368-374.	2.0	63
16	Immunohistological and ultrastructural study of the developing tendons of the avian foot. <i>Anatomy and Embryology</i> , 1995, 192, 483-96.	1.5	60
17	Experimental analysis of the role of ECM in the patterning of the distal tendons of the developing limb bud. <i>Cell Differentiation and Development</i> , 1990, 30, 97-108.	0.4	54
18	Defining the Earliest Transcriptional Steps of Chondrogenic Progenitor Specification during the Formation of the Digits in the Embryonic Limb. <i>PLoS ONE</i> , 2011, 6, e24546.	2.5	50

#	ARTICLE	IF	CITATIONS
19	Lysosomal cathepsins in embryonic programmed cell death. <i>Developmental Biology</i> , 2007, 301, 205-217.	2.0	49
20	Apoptosis during embryonic tissue remodeling is accompanied by cell senescence. <i>Aging</i> , 2015, 7, 974-985.	3.1	42
21	Tendon-muscle crosstalk controls muscle bellies morphogenesis, which is mediated by cell death and retinoic acid signaling. <i>Developmental Biology</i> , 2007, 302, 267-280.	2.0	41
22	Role of RhoC in digit morphogenesis during limb development. <i>Developmental Biology</i> , 2007, 303, 325-335.	2.0	30
23	Morphogenetic potential of the chick leg interdigital mesoderm when diverted from the cell death program. <i>Developmental Dynamics</i> , 1997, 208, 406-419.	1.8	29
24	Divergent Differentiation of Skeletal Progenitors into Cartilage and Tendon: Lessons from the Embryonic Limb. <i>ACS Chemical Biology</i> , 2014, 9, 72-79.	3.4	29
25	Cathepsin D gene expression outlines the areas of physiological cell death during embryonic development. <i>Developmental Dynamics</i> , 2007, 236, 880-885.	1.8	26
26	DNA damage precedes apoptosis during the regression of the interdigital tissue in vertebrate embryos. <i>Scientific Reports</i> , 2016, 6, 35478.	3.3	26
27	Ligand- and Stage-Dependent Divergent Functions of BMP Signaling in the Differentiation of Embryonic Skeletogenic Progenitors In Vitro. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 735-748.	2.8	23
28	Sox9 Expression in Amniotes: Species-Specific Differences in the Formation of Digits. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 23.	3.7	23
29	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
30	Interdigital tissue regression in the developing limb of vertebrates. <i>International Journal of Developmental Biology</i> , 2015, 59, 55-62.	0.6	20
31	Regenerative medicine and connective tissues: cartilage versus tendon. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 337-347.	2.7	18
32	Î²ig-h3 Potentiates the Profibrogenic Effect of TGFÎ² Signaling on Connective Tissue Progenitor Cells Through the Negative Regulation of Master Chondrogenic Genes. <i>Tissue Engineering - Part A</i> , 2013, 19, 448-457.	3.1	17
33	UHRF genes regulate programmed interdigital tissue regression and chondrogenesis in the embryonic limb. <i>Cell Death and Disease</i> , 2019, 10, 347.	6.3	16
34	The methylation status of the embryonic limb skeletal progenitors determines their cell fate in chicken. <i>Communications Biology</i> , 2020, 3, 283.	4.4	15
35	Reelin/DABÎ±1 Signaling in the Embryonic Limb Regulates the Chondrogenic Differentiation of Digit Mesodermal Progenitors. <i>Journal of Cellular Physiology</i> , 2014, 229, 1397-1404.	4.1	14
36	Cell death in the developing vertebrate limb: A locally regulated mechanism contributing to musculoskeletal tissue morphogenesis and differentiation. <i>Developmental Dynamics</i> , 2021, 250, 1236-1247.	1.8	13

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37	Decorin gene expression in the differentiation of the skeletal connective tissues of the developing limb. <i>Gene Expression Patterns</i> , 2014, 15, 52-60.	0.8	12
38	Confluence of Cellular Degradation Pathways During Interdigital Tissue Remodeling in Embryonic Tetrapods. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593761.	3.7	12
39	Transforming growth factor beta signaling: The master sculptor of fingers. <i>Developmental Dynamics</i> , 2022, 251, 105-116.	1.8	7
40	The tumor suppressor BTG1 is expressed in the developing digits and regulates skeletogenic differentiation of limb mesodermal progenitors in high density cultures. <i>Cell and Tissue Research</i> , 2016, 364, 299-308.	2.9	4
41	Histone Epigenetic Signatures in Embryonic Limb Interdigital Cells Fated to Die. <i>Cells</i> , 2021, 10, 911.	4.1	4
42	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. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e2062-e2072.	2.7	3
43	Regulation of Developmental Cell Death in the Animal Kingdom: A Critical Analysis of Epigenetic versus Genetic Factors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1154.	4.1	1