

Raj K Ladher

List of Publications by Year in descending order

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papers

1,617
citations

394421

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434195

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docs citations

32
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	FGFR1-mediated protocadherin-15 loading mediates cargo specificity during intraflagellar transport in inner ear hair-cell kinocilia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8388-8393.	7.1	14
2	Changing shape and shaping change: Inducing the inner ear. <i>Seminars in Cell and Developmental Biology</i> , 2017, 65, 39-46.	5.0	13
3	Zebra finch as a developmental model. <i>Genesis</i> , 2015, 53, 669-677.	1.6	8
4	Early steps in inner ear development: induction and morphogenesis of the otic placode. <i>Frontiers in Pharmacology</i> , 2015, 6, 19.	3.5	40
5	Cellular analysis of cleavage-stage chick embryos reveals hidden conservation in vertebrate early development. <i>Development (Cambridge)</i> , 2015, 142, 1279-86.	2.5	22
6	Molecular cloning and functional characterisation of chicken Atonal homologue 1: A comparison with human Atoh1. <i>Biology of the Cell</i> , 2015, 107, 41-60.	2.0	7
7	Expression of the heparan sulfate 6-sulfatases, Sulf1 and Sulf2, in the avian and mammalian inner ear suggests a role for sulfation during inner ear development. <i>Developmental Dynamics</i> , 2015, 244, 168-180.	1.8	8
8	Characterization of the finch embryo supports evolutionary conservation of the naive stage of development in amniotes. <i>ELife</i> , 2015, 4, e07178.	6.0	18
9	FGFR1-Frs2/3 Signalling Maintains Sensory Progenitors during Inner Ear Hair Cell Formation. <i>PLoS Genetics</i> , 2014, 10, e1004118.	3.5	60
10	Junctionally restricted RhoA activity is necessary for apical constriction during phase 2 inner ear placode invagination. <i>Developmental Biology</i> , 2014, 394, 206-216.	2.0	40
11	Evolution of a developmental mechanism: Species-specific regulation of the cell cycle and the timing of events during craniofacial osteogenesis. <i>Developmental Biology</i> , 2014, 385, 380-395.	2.0	44
12	From placode to labyrinth: Culture of the chicken inner ear. <i>Methods</i> , 2014, 66, 447-453.	3.8	2
13	Retinoic acid regulates olfactory progenitor cell fate and differentiation. <i>Neural Development</i> , 2013, 8, 13.	2.4	35
14	Deficient FGF signaling causes optic nerve dysgenesis and ocular coloboma. <i>Development (Cambridge)</i> , 2013, 140, 2711-2723.	2.5	50
15	Analysis of FGF-Dependent and FGF-Independent Pathways in Otic Placode Induction. <i>PLoS ONE</i> , 2013, 8, e55011.	2.5	39
16	The amniote paratympanic organ develops from a previously undiscovered sensory placode. <i>Nature Communications</i> , 2012, 3, 1041.	12.8	52
17	Pax2 modulates proliferation during specification of the otic and epibranchial placodes. <i>Developmental Dynamics</i> , 2012, 241, 1716-1728.	1.8	24
18	Induction of the chick columella and its integration with the inner ear. <i>Developmental Dynamics</i> , 2012, 241, 1104-1110.	1.8	9

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19	Squeezing into Differentiation. <i>Developmental Cell</i> , 2011, 21, 607-608.	7.0	1
20	Embryonic development of the emu, <i>Dromaius novaehollandiae</i> . <i>Developmental Dynamics</i> , 2011, 240, 162-175.	1.8	54
21	From shared lineage to distinct functions: the development of the inner ear and epibranchial placodes. <i>Development (Cambridge)</i> , 2010, 137, 1777-1785.	2.5	121
22	Rostral paraxial mesoderm regulates refinement of the eye field through the bone morphogenetic protein (BMP) pathway. <i>Developmental Biology</i> , 2009, 330, 389-398.	2.0	15
23	FGF Signaling Regulates Cytoskeletal Remodeling during Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 976-981.	3.9	67
24	Progressive restriction of otic fate: the role of FGF and Wnt in resolving inner ear potential. <i>Development (Cambridge)</i> , 2008, 135, 3415-3424.	2.5	142
25	Hair cell differentiation becomes tissue specific by E9.5 in mouse inner ear. <i>NeuroReport</i> , 2007, 18, 841-844.	1.2	3
26	FGF8 initiates inner ear induction in chick and mouse. <i>Genes and Development</i> , 2005, 19, 603-613.	5.9	177
27	Mouse FGF15 is the ortholog of human and chick FGF19, but is not uniquely required for otic induction. <i>Developmental Biology</i> , 2004, 269, 264-275.	2.0	117
28	Development of the Sensory Organs. <i>Science Progress</i> , 2002, 85, 151-173.	1.9	12
29	Survey of fibroblast growth factor expression during chick organogenesis. <i>The Anatomical Record</i> , 2002, 268, 1-6.	1.8	36
30	Comparison of the expression patterns of several fibroblast growth factors during chick gastrulation and neurulation. <i>Anatomy and Embryology</i> , 2002, 205, 365-370.	1.5	65
31	Expression of chick Barx-1 and its differential regulation by FGF-8 and BMP signaling in the maxillary primordia. , 1999, 214, 291-302.		105
32	Signalling interactions during facial development. <i>Mechanisms of Development</i> , 1998, 75, 3-28.	1.7	217