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List of Publications by Year
in descending order

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103 papers	5,983 citations	71102 41 h-index	74163 75 g-index
110 all docs	110 docs citations	110 times ranked	2758 citing authors

#	Article	IF	Citations
1	In memory of John F. Fallon. Developmental Dynamics, 2020, 249, 430-440.	1.8	0
2	The heart tube forms and elongates through dynamic cell rearrangement coordinated with foregut extension. Development (Cambridge), 2018, 145, .	2.5	39
3	Hearing crosstalk: the molecular conversation orchestrating inner ear dorsoventral patterning. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e302.	5.9	20
4	Dorsoventral differences in cAMP levels and correlated changes in the subcellular distribution of the PKA catalytic domain, provide further evidence that PKA signaling coordinates dorsoventral patterning of the otocyst. Development Growth and Differentiation, 2018, 60, 431-441.	1.5	2
5	Contributions of the chick embryo and experimental embryology to understanding the cellular mechanisms of neurulation. International Journal of Developmental Biology, 2018, 62, 49-55.	0.6	8
6	Fgf3 and Fgf16 expression patterns define spatial and temporal domains in the developing chick inner ear. Brain Structure and Function, 2017, 222, 131-149.	2.3	14
7	Distinct functions for Netrin-1 in chicken and murine semicircular canal morphogenesis. Development (Cambridge), 2017, 144, 3349-3360.	2.5	11
8	SHH ventralizes the otocyst by maintaining basal PKA activity and regulating GLI3 signaling. Developmental Biology, 2016, 420, 100-109.	2.0	10
9	A combined series of Fgf9 and Fgf18 mutant alleles identifies unique and redundant roles in skeletal development. Developmental Biology, 2016, 411, 72-84.	2.0	52
10	BMP regulates regional gene expression in the dorsal otocyst through canonical and non-canonical intracellular pathways. Development (Cambridge), 2016, 143, 2228-37.	2.5	27
11	Getting published well requires fulfilling editors' and reviewers' needs and desires. Development Growth and Differentiation, 2013, 55, 735-743.	1.5	6
12	Detection of isoformâ€specific fibroblast growth factor receptors by wholeâ€mount in situ hybridization in early chick embryos. Developmental Dynamics, 2011, 240, 1537-1547.	1.8	9
13	PDGFâ€signaling in the second heart field: combined evidence from human and mouse studies. FASEB Journal, 2011, 25, 305.4.	0.5	0
14	Identification of differentially expressed genes in early inner ear development. Gene Expression Patterns, 2010, 10, 31-43.	0.8	29
15	BMP/SMAD signaling regulates the cell behaviors that drive the initial dorsal-specific regional morphogenesis of the otocyst. Developmental Biology, 2010, 347, 369-381.	2.0	20
16	Choosing Your Journal Wisely. FASEB Journal, 2010, 24, 8.2.	0.5	0
17	Forming and Patterning the Rudiments of the Inner Ear. FASEB Journal, 2010, 24, 57.1.	0.5	0
18	Identification of differentially expressed genes in early inner ear development. FASEB Journal, 2009, 23, 470.2.	0.5	0

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19	Integration of Embryology and Molecular Biology. FASEB Journal, 2008, 22, 89.4.	0.5	0
20	Optimized cationic lipid-based gene delivery reagents for use in developing vertebrate embryos. Developmental Dynamics, 2006, 235, 2210-2219.	1.8	30
21	A three-dimensional atlas of pituitary gland development in the zebrafish. Journal of Comparative Neurology, 2005, 487, 428-440.	1.6	29
22	Ubiquitous GFP expression in transgenic chickens using a lentiviral vector. Development (Cambridge), 2005, 132, 935-940.	2.5	119
23	Rapid triple-labeling method combining in situ hybridization and double immunocytochemistry. Developmental Dynamics, 2004, 230, 309-315.	1.8	12
24	Assessing the contributions of gene products to the form-shaping events of neurulation: A transgenic approach in chick. Genesis, 2003, 37, 64-75.	1.6	9
25	Expression of mouse fibroblast growth factor and fibroblast growth factor receptor genes during early inner ear development. Developmental Dynamics, 2003, 228, 267-272.	1.8	70
26	Epiblast and primitive-streak origins of the endoderm in the gastrulating chick embryo. Development (Cambridge), 2003, 130, 3491-3501.	2.5	63
27	Anterior identity is established in chick epiblast by hypoblast and anterior definitive endoderm. Development (Cambridge), 2003, 130, 5091-5101.	2.5	27
28	Analysis of Spatial and Temporal Gene Expression Patterns in Blastula and Gastrula Stage Chick Embryos. Developmental Biology, 2002, 245, 187-199.	2.0	178
29	Survey of fibroblast growth factor expression during chick organogenesis. The Anatomical Record, 2002, 268, 1-6.	1.8	36
30	Comparison of the expression patterns of several fibroblast growth factors during chick gastrulation and neurulation. Anatomy and Embryology, 2002, 205, 365-370.	1.5	65
31	Improved method for chick whole-embryo culture using a filter paper carrier. Developmental Dynamics, 2001, 220, 284-289.	1.8	446
32	Cellular mechanisms of neural fold formation and morphogenesis in the chick embryo. The Anatomical Record, 2001, 262, 153-168.	1.8	47
33	Classification scheme for genes expressed during formation and progression of the avian primitive streak. The Anatomical Record, 2001, 262, 221-226.	1.8	43
34	New insights into critical events of avian gastrulation. The Anatomical Record, 2001, 262, 238-252.	1.8	34
35	Towards a cellular and molecular understanding of neurulation. Developmental Dynamics, 2001, 221, 117-145.	1.8	391
36	Cell interactions underlying notochord induction and formation in the chick embryo. Developmental Dynamics, 2001, 222, 165-177.	1.8	4

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37	Cell populations and morphogenetic movements underlying formation of the avian primitive streak and organizer. Genesis, 2001, 29, 188-195.	1.6	58
38	Cutting, pasting and painting: experimental embryology and neural development. Nature Reviews Neuroscience, 2001, 2, 763-771.	10.2	25
39	Localization of Cells of the Prospective Neural Plate, Heart and Somites within the Primitive Streak and Epiblast of Avian Embryos at Intermediate Primitive-Streak Stages. Cells Tissues Organs, 2001, 169, 334-346.	2.3	52
40	Improved method for chick whole-embryo culture using a filter paper carrier. , 2001, 220, 284.		3
41	Improved method for chick wholeâ€embryo culture using a filter paper carrier. Developmental Dynamics, 2001, 220, 284-289.	1.8	4
42	Culture of Avian Embryos. , 2000, 135, 31-38.		16
43	Dynamic Labeling Techniques for Fate Mapping, Testing Cell Commitment, and Following Living Cells in Avian Embryos. , 2000, 135, 305-321.		17
44	The Chick Embryo as a Model System for Analyzing Mechanisms of Development. , 2000, 135, 25-29.		15
45	Evidence that translation of smooth muscle alpha-actin mRNA is delayed in the chick promyocardium until fusion of the bilateral heart-forming regions. Developmental Dynamics, 2000, 218, 316-330.	1.8	53
46	Islet-1 marks the early heart rudiments and is asymmetrically expressed during early rotation of the foregut in the chick embryo. The Anatomical Record, 2000, 260, 204-207.	1.8	87
47	Identification of Synergistic Signals Initiating Inner Ear Development. Science, 2000, 290, 1965-1967.	12.6	238
48	Molecular Genetic Control of Axis Patterning during Early Embryogenesis of Vertebrates. Annals of the New York Academy of Sciences, 2000, 919, 246-260.	3.8	10
49	Programmed cell death and the morphogenesis of the hindbrain roof plate in the chick embryo. Anatomy and Embryology, 1999, 200, 509-519.	1.5	13
50	Early expression ofOsteopontin in the chick is restricted to rhombomeres 5 and 6 and to a subpopulation of neural crest cells that arise from these segments. , 1998, 250, 199-209.		8
51	State of Commitment of Prospective Neural Plate and Prospective Mesoderm in Late Gastrula/Early Neurula Stages of Avian Embryos. Developmental Biology, 1997, 181, 102-115.	2.0	41
52	Role of nonrandomly oriented cell division in shaping and bending of the neural plate. Journal of Comparative Neurology, 1997, 381, 473-488.	1.6	100
53	Vertical induction of engrailed-2 and other region-specific markers in the early chick embryo. Developmental Dynamics, 1997, 209, 45-58.	1.8	18
54	Epidermal ectoderm is required for full elevation and for convergence during bending of the avian neural plate. , 1997, 210, 397-406.		40

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55	Role of nonrandomly oriented cell division in shaping and bending of the neural plate. Journal of Comparative Neurology, 1997, 381, 473-488.	1.6	3
56	Improving the efficacy of fluorescent labeling for histological tracking of cells in early mammalian and avian embryos. , 1996, 244, 112-117.		23
57	Cooperative model of epithelial shaping and bending during avian neurulation: Autonomous movements of the neural plate, autonomous movements of the epidermis, and interactions in the neural plate/epidermis transition zone. Developmental Dynamics, 1995, 204, 323-337.	1.8	83
58	Dorsoventral patterning of the avian mesencephalon/metencephalon: Role of the notochord and floor plate in suppressingEngrailed-2. Journal of Neurobiology, 1995, 26, 62-74.	3.6	9
59	Mesodermal patterning during avian gastrulation and neurulation: Experimental induction of notochord from non-notochordal precursor cells. Genesis, 1995, 17, 38-54.	2.1	31
60	Quantitative analyses of neuroepithelial cell shapes during bending of the mouse neural plate. Journal of Comparative Neurology, 1994, 342, 144-151.	1.6	55
61	Prospective fate map of the mouse primitive streak at 7.5 days of gestation. Developmental Dynamics, 1994, 201, 279-289.	1.8	71
62	Formation and Patterning of the Avian Neuraxis: One Dozen Hypotheses. Novartis Foundation Symposium, 1994, 181, 25-50.	1.1	9
63	Monoclonal antibodies identifying subsets of ectodermal, mesodermal, and endodermal cells in gastrulating and neurulating avian embryos. The Anatomical Record, 1993, 235, 591-603.	1.8	1
64	Cell behaviors underlying notochord formation and extension in avian embryos: Quantitative and immunocytochemical studies. The Anatomical Record, 1993, 237, 58-70.	1.8	42
65	Regulative ability of the prospective cardiogenic and vasculogenic areas of the primitive streak during avian gastrulation. Developmental Dynamics, 1993, 197, 57-68.	1.8	74
66	Locations of the ectodermal and nonectodermal subdivisions of the epiblast at stages 3 and 4 of avian gastrulation and neurulation. The Journal of Experimental Zoology, 1993, 267, 431-446.	1.4	138
67	Primitive-Streak Origin of the Cardiovascular System in Avian Embryos. Developmental Biology, 1993, 159, 706-719.	2.0	343
68	Morphological and mapping studies of the paranodal and postnodal levels of the neural plate during chick neurulation. The Anatomical Record, 1992, 233, 281-290.	1.8	31
69	Expansion of surface epithelium provides the major extrinsic force for bending of the neural plate. The Journal of Experimental Zoology, 1992, 261, 340-348.	1.4	97
70	Mesoderm movement and fate during avian gastrulation and neurulation. Developmental Dynamics, 1992, 193, 235-248.	1.8	207
71	Positional control of mesoderm movement and fate during avian gastrulation and neurulation. Developmental Dynamics, 1992, 193, 249-256.	1.8	82
72	Changes in dorsoventral but not rostrocaudal regionalization of the chick neural tube in the absence of cranial notochord, as revealed by expression of Engrailed-2. Developmental Dynamics, 1992, 193, 389-396.	1.8	40

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73	Further evidence of extrinsic forces in bending of the neural plate. Journal of Comparative Neurology, 1991, 307, 225-236.	1.6	51
74	Cell movements driving neurulation in avian embryos. Development (Cambridge), 1991, 113, 157-168.	2.5	28
75	Formation of ectopic neurepithelium in chick blastoderms: Age-related capacities for induction and self-differentiation following transplantation of quail Hensen's nodes. The Anatomical Record, 1990, 228, 437-448.	1.8	92
76	Fate mapping the avian epiblast with focal injections of a fluorescent-histochemical marker: Ectodermal derivatives. The Journal of Experimental Zoology, 1990, 255, 323-339.	1.4	97
77	Fate mapping the avian neural plate with quail/chick chimeras: Origin of prospective median wedge cells. The Journal of Experimental Zoology, 1989, 249, 271-278.	1.4	67
78	Notochordal induction of cell wedging in the chick neural plate and its role in neural tube formation. The Journal of Experimental Zoology, 1989, 250, 49-62.	1.4	205
79	Neural plate- and neural tube-forming potential of isolated epiblast areas in avian embryos. Anatomy and Embryology, 1989, 179, 541-549.	1.5	33
80	A reexamination of the role of microfilaments in neurulation in the chick embryo. The Anatomical Record, 1988, 220, 87-102.	1.8	91
81	Microsurgical analyses of avian neurulation: Separation of medial and lateral tissues. Journal of Comparative Neurology, 1988, 276, 498-507.	1.6	81
82	Shaping of the chick neuroepithelium during primary and secondary neurulation: Role of cell elongation. The Anatomical Record, 1987, 218, 182-195.	1.8	42
83	Cell cycle and neuroepithelial cell shape during bending of the chick neural plate. The Anatomical Record, 1987, 218, 196-206.	1.8	115
84	Animal model: Dysmorphogenesis and death in a chicken embryo model. American Journal of Medical Genetics Part A, 1987, 27, 543-552.	2.4	14
85	Animal Model: Causes of windowing-induced dysmorphogenesis (neural tube defects and early amnion) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	23
86	Quantification of the initial phases of rapid brain enlargement in the chick embryo. American Journal of Anatomy, 1986, 175, 403-411.	1.0	31
87	Timing and positioning of reopening of the occluded spinal neurocele in the chick embryo. Journal of Comparative Neurology, 1986, 246, 459-466.	1.6	25
88	Timing and positioning of occlusion of the spinal neurocele in the chick embryo. Journal of Comparative Neurology, 1985, 235, 479-487.	1.6	34
89	Shaping and bending of the avian neuroepithelium: Morphometric analyses. Developmental Biology, 1985, 109, 127-139.	2.0	92
90	Histological and ultrastructural studies on the origin of caudal neural crest cells in mouse embryos. Journal of Comparative Neurology, 1984, 222, 496-505.	1.6	42

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91	Descriptive studies of occlusion and reopening of the spinal canal of the early chick embryo. The Anatomical Record, 1984, 209, 251-263.	1.8	48
92	Histological and ultrastructural studies of secondary neurulation in mouse embryos. American Journal of Anatomy, 1984, 169, 361-376.	1.0	205
93	Neural tube occlusion precedes rapid brain enlargement. The Journal of Experimental Zoology, 1984, 230, 405-407.	1.4	35
94	Quantitative analyses of changes in cell shapes during bending of the avian neural plate. Developmental Biology, 1984, 105, 257-272.	2.0	150
95	The use of early chick embryos in experimental embryology and teratology: Improvements in standard procedures. Teratology, 1983, 27, 65-72.	1.6	52
96	A novel sectioning technique for use in descriptive embryology: Bridging the gap between paraffin and plastic serial sections. The Anatomical Record, 1983, 206, 221-225.	1.8	14
97	Wrinkle-Free Plastic Sections for Light Microscopy. Biotechnic & Histochemistry, 1983, 58, 238-240.	0.4	15
98	Evidence that secondary neurulation occurs autonomously in the chick embryo. The Journal of Experimental Zoology, 1982, 219, 233-240.	1.4	30
99	Changes in the surface morphologies of the cells in the bursa cloacalis (bursa of Fabricius) and thymus during ontogeny of the chick embryo. The Anatomical Record, 1981, 201, 303-316.	1.8	7
100	The ultrastructure of oral (buccopharyngeal) membrane formation and rupture in the chick embryo. The Anatomical Record, 1980, 197, 441-470.	1.8	33
101	Characterization of intercellular junctions in the caudal portion of the developing neural tube of the chick embryo. American Journal of Anatomy, 1980, 158, 29-41.	1.0	24
102	Ultrastructure of secondary neurulation in the chick embryo. American Journal of Anatomy, 1980, 158, 43-63.	1.0	142
103	Observations on closure of the neuropores in the chick embryo. American Journal of Anatomy, 1979, 155, 445-465.	1.0	73