David M Ornitz

List of Publications by Year
in descending order

218 papers	33,051 citations	5126 86 h-index	4511 177 g-index
231 all docs	231 docs citations	231 times ranked	29624 citing authors

#	Article	IF	Citations
1	New developments in the biology of fibroblast growth factors. WIREs Mechanisms of Disease, 2022, 14, e1549.	1.5	52
2	Fibroblast growth factor-9 expression in airway epithelial cells amplifies the type I interferon response and alters influenza A virus pathogenesis. PLoS Pathogens, 2022, 18, e1010228.	2.1	5
3	FGF20â€FGFR1 signaling through MAPK and PI3K controls sensory progenitor differentiation in the organ of Corti. Developmental Dynamics, 2021, 250, 134-144.	0.8	7
4	Upregulation of FGF9 in Lung Adenocarcinoma Transdifferentiation to Small Cell Lung Cancer. Cancer Research, 2021, 81, 3916-3929.	0.4	13
5	Deletion of Fibroblast growth factor 9 globally and in skeletal muscle results in enlarged tuberosities at sites of deltoid tendon attachments. Developmental Dynamics, 2021, 250, 1778-1795.	0.8	7
6	ETV4 and ETV5 drive synovial sarcoma through cell cycle and DUX4 embryonic pathway control. Journal of Clinical Investigation, 2021, 131, .	3.9	16
7	Endothelial FGF signaling is protective in hypoxia-induced pulmonary hypertension. Journal of Clinical Investigation, 2021, 131, .	3.9	24
8	Regenerative responses of rabbit corneal endothelial cells to stimulation by fibroblast growth factor 1 (FGF1) derivatives, TTHX1001 and TTHX1114. Growth Factors, 2021, 39, 14-27.	0.5	6
9	Identification of an FGF18-expressing alveolar myofibroblast that is developmentally cleared during alveologenesis. Development (Cambridge), 2020, 147, .	1.2	30
10	Fibroblast growth factor (FGF) and FGF receptor families in bone. , 2020, , 1113-1140.		0
11	Mouse genetics identifies unique and overlapping functions of fibroblast growth factor receptors in keratinocytes. Journal of Cellular and Molecular Medicine, 2020, 24, 1774-1785.	1.6	6
12	FGFR2 Is Required for AEC2 Homeostasis and Survival after Bleomycin-induced Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 608-621.	1.4	44
13	FAM20B-catalyzed glycosaminoglycans control murine tooth number by restricting FGFR2b signaling. BMC Biology, 2020, 18, 87.	1.7	13
14	The Fgf8 subfamily (Fgf8, Fgf17 and Fgf18) is required for closure of the embryonic ventral body wall. Development (Cambridge), 2020, 147, .	1.2	9
15	Analysis of <scp>FGF20</scp>â€regulated genes in organ of Corti progenitors by translating ribosome affinity purification. Developmental Dynamics, 2020, 249, 1217-1242.	0.8	7
16	FGF9 and FGF10 activate distinct signaling pathways to direct lung epithelial specification and branching. Science Signaling, 2020, 13, .	1.6	43
17	Geminin is required for Hox gene regulation to pattern the developing limb. Developmental Biology, 2020, 464, 11-23.	0.9	3
18	Digenic Variants in the FGF21 Signaling Pathway Associated with Severe Insulin Resistance and Pseudoacromegaly. Journal of the Endocrine Society, 2020, 4, bvaa138.	0.1	6

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19	Generation and validation of novel conditional flox and inducible Cre alleles targeting fibroblast growth factor 18 (Fgf18). Developmental Dynamics, 2019, 248, 882-893.	0.8	23
20	Sox2 and FGF20 interact to regulate organ of Corti hair cell and supporting cell development in a spatially-graded manner. PLoS Genetics, 2019, 15, e1008254.	1.5	17
21	Crouzon syndrome mouse model exhibits cartilage hyperproliferation and defective segmentation in the developing trachea. Science China Life Sciences, 2019, 62, 1375-1380.	2.3	4
22	FGF2-induced STAT3 activation regulates pathologic neovascularization. Experimental Eye Research, 2019, 187, 107775.	1.2	26
23	Osteocyte Death and Bone Overgrowth in Mice Lacking Fibroblast Growth Factor Receptors 1 and 2 in Mature Osteoblasts and Osteocytes. Journal of Bone and Mineral Research, 2019, 34, 1660-1675.	3.1	26
24	Characterisation of endogenous players in fibroblast growth factorâ€regulated functions of hypothalamic tanycytes and energyâ€balance nuclei. Journal of Neuroendocrinology, 2019, 31, e12750.	1.2	18
25	Effect of FGF/FGFR pathway blocking on lung adenocarcinoma and its cancerâ€associated fibroblasts. Journal of Pathology, 2019, 249, 193-205.	2.1	47
26	Fibroblast growth factors in skeletal development. Current Topics in Developmental Biology, 2019, 133, 195-234.	1.0	46
27	Diagnosis and Pathophysiological Mechanisms of Group 3 Hypoxia-Induced Pulmonary Hypertension. Current Treatment Options in Cardiovascular Medicine, 2019, 21, 16.	0.4	11
28	Neural crest-derived neurons invade the ovary but not the testis during mouse gonad development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5570-5575.	3.3	21
29	Î²-Catenin is required for radial cell patterning and identity in the developing mouse cochlea. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21054-21060.	3.3	24
30	Dermal Condensate Niche Fate Specification Occurs Prior to Formation and Is Placode Progenitor Dependent. Developmental Cell, 2019, 48, 32-48.e5.	3.1	91
31	Sculpting the skull through neurosensory epithelialâ€“mesenchymal signaling. Developmental Dynamics, 2019, 248, 88-97.	0.8	12
32	Tumor associated macrophages support the growth of FGF9-induced lung adenocarcinoma by multiple mechanisms. Lung Cancer, 2018, 119, 25-35.	0.9	22
33	Impaired tumor growth and angiogenesis in mice heterozygous for Vegfr2 (Flk1). Scientific Reports, 2018, 8, 14724.	1.6	19
34	FGF20-Expressing, Wnt-Responsive Olfactory Epithelial Progenitors Regulate Underlying Turbinate Growth to Optimize Surface Area. Developmental Cell, 2018, 46, 564-580.e5.	3.1	24
35	Fibroblast growth factor 2 decreases bleomycinâ€induced pulmonary fibrosis and inhibits fibroblast collagen production and myofibroblast differentiation. Journal of Pathology, 2018, 246, 54-66.	2.1	65
36	An Introduction to the Fibroblast Growth Factors. , 2017, , 1-39.		1

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37	Pulmonary fibrosis requires cell-autonomous mesenchymal fibroblast growth factor (FGF) signaling. Journal of Biological Chemistry, 2017, 292, 10364-10378.	1.6	50
38	FGF21 Regulates Metabolism Through Adipose-Dependent and -Independent Mechanisms. Cell Metabolism, 2017, 25, 935-944.e4.	7.2	229
39	Achondroplasia: Development, pathogenesis, and therapy. Developmental Dynamics, 2017, 246, 291-309.	0.8	160
40	Ectodysplasin target gene Fgf20 regulates mammary bud growth and ductal invasion and branching during puberty. Scientific Reports, 2017, 7, 5049.	1.6	17
41	Elevated Fibroblast Growth Factor Signaling Is Critical for the Pathogenesis of the Dwarfism in Evc2/Limbin Mutant Mice. PLoS Genetics, 2016, 12, e1006510.	1.5	18
42	FGF signaling in the osteoprogenitor lineage non-autonomously regulates postnatal chondrocyte proliferation and skeletal growth. Development (Cambridge), 2016, 143, 1811-22.	1.2	56
43	Inhibition of FGF Receptor 3-dependent lung adenocarcinoma with a human monoclonal antibody. DMM Disease Models and Mechanisms, 2016, 9, 563-71.	1.2	15
44	Engineering a Cysteine-Free Form of Human Fibroblast Growth Factor-1 for â€œSecond Generationâ€• Therapeutic Application. Journal of Pharmaceutical Sciences, 2016, 105, 1444-1453.	1.6	14
45	An S116R Phosphorylation Site Mutation in Human Fibroblast Growth Factor-1 Differentially Affects Mitogenic and Glucose-Lowering Activities. Journal of Pharmaceutical Sciences, 2016, 105, 3507-3519.	1.6	1
46	Clec16a is Critical for Autolysosome Function and Purkinje Cell Survival. Scientific Reports, 2016, 6, 23326.	1.6	31
47	A combined series of Fgf9 and Fgf18 mutant alleles identifies unique and redundant roles in skeletal development. Developmental Biology, 2016, 411, 72-84.	0.9	52
48	Sulfated Hydrogel Matrices Direct Mitogenicity and Maintenance of Chondrocyte Phenotype through Activation of FGF Signaling. Advanced Functional Materials, 2016, 26, 3649-3662.	7.8	68
49	Stromal-Initiated Changes in the Bone Promote Metastatic Niche Development. Cell Reports, 2016, 14, 82-92.	2.9	103
50	Proteomic analysis of native cerebellar iFGF14 complexes. Channels, 2016, 10, 297-312.	1.5	8
51	Endothelial fibroblast growth factor receptor signaling is required for vascular remodeling following cardiac ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H559-H571.	1.5	41
52	Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 86-96.	1.1	54
53	Mesenchymal fibroblast growth factor receptor signaling regulates palatal shelf elevation during secondary palate formation. Developmental Dynamics, 2015, 244, 1427-1438.	0.8	22
54	Cochlear progenitor number is controlled through mesenchymal FGF receptor signaling. ELife, 2015, 4, .	2.8	63

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55	Intracellular FGF14 (iFGF14) Is Required for Spontaneous and Evoked Firing in Cerebellar Purkinje Neurons and for Motor Coordination and Balance. Journal of Neuroscience, 2015, 35, 6752-6769.	1.7	61
56	The Fibroblast Growth Factor signaling pathway. Wiley Interdisciplinary Reviews: Developmental Biology, 2015, 4, 215-266.	5.9	1,492
57	Region-specific regulation of cell proliferation by FGF receptor signaling during the Wolffian duct development. Developmental Biology, 2015, 400, 139-147.	0.9	30
58	Fibroblast growth factor 2 is an essential cardioprotective factor in a closed-chest model of cardiac ischemia-reperfusion injury. Physiological Reports, 2015, 3, e12278.	0.7	28
59	Fibroblast growth factor signaling in skeletal development and disease. Genes and Development, 2015, 29, 1463-1486.	2.7	299
60	Fibroblast Growth Factor 9 Regulation by MicroRNAs Controls Lung Development and Links DICER1 Loss to the Pathogenesis of Pleuropulmonary Blastoma. PLoS Genetics, 2015, 11, e1005242.	1.5	38
61	Characterization of the cell of origin and propagation potential of the fibroblast growth factor 9-induced mouse model of lung adenocarcinoma. Journal of Pathology, 2015, 235, 593-605.	2.1	23
62	Fibroblast Growth Factor 2 Is Required for Epithelial Recovery, but Not for Pulmonary Fibrosis, in Response to Bleomycin. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 116-128.	1.4	75
63	Osx-Cre Targets Multiple Cell Types besides Osteoblast Lineage in Postnatal Mice. PLoS ONE, 2014, 9, e85161.	1.1	158
64	In Vitro Calcite Crystal Morphology Is Modulated by Otoconial Proteins Otolin-1 and Otoconin-90. PLoS ONE, 2014, 9, e95333.	1.1	28
65	Dual Transgene Expression in Murine Cerebellar Purkinje Neurons by Viral Transduction In Vivo. PLoS ONE, 2014, 9, e104062.	1.1	14
66	Endothelial cell FGF signaling is required for injury response but not for vascular homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13379-13384.	3.3	111
67	Distinct macrophage lineages contribute to disparate patterns of cardiac recovery and remodeling in the neonatal and adult heart. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16029-16034.	3.3	576
68	OVOL2 is a critical regulator of ER71/ETV2 in generating FLK1+, hematopoietic, and endothelial cells from embryonic stem cells. Blood, 2014, 124, 2948-2952.	0.6	24
69	Development of the Endochondral Skeleton. Cold Spring Harbor Perspectives in Biology, 2013, 5, a008334-a008334.	2.3	477
70	FGF14 localization and organization of the axon initial segment. Molecular and Cellular Neurosciences, 2013, 56, 393-403.	1.0	48
71	Fgf20 governs formation of primary and secondary dermal condensations in developing hair follicles. Genes and Development, 2013, 27, 450-458.	2.7	126
72	Fgf9 from dermal Î³Î´ T cells induces hair follicle neogenesis after wounding. Nature Medicine, 2013, 19, 916-923.	15.2	272

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73	Delineating a Conserved Genetic Cassette Promoting Outgrowth of Body Appendages. PLoS Genetics, 2013, 9, e1003231.	1.5	55
74	Rapid Induction of Lung Adenocarcinoma by Fibroblast Growth Factor 9 Signaling through FGF Receptor 3. Cancer Research, 2013, 73, 5730-5741.	0.4	49
75	Fibroblast Growth Factor Receptor 1 Signaling in Adult Cardiomyocytes Increases Contractility and Results in a Hypertrophic Cardiomyopathy. PLoS ONE, 2013, 8, e82979.	1.1	36
76	Signaling Networks Regulating Development of the Lower Respiratory Tract. Cold Spring Harbor Perspectives in Biology, 2012, 4, a008318-a008318.	2.3	64
77	FGF receptors 1 and 2 are key regulators of keratinocyte migration in vitro and in wounded skin. Journal of Cell Science, 2012, 125, 5690-5701.	1.2	96
78	FGF9 and FGF20 Maintain the Stemness of Nephron Progenitors in Mice and Man. Developmental Cell, 2012, 22, 1191-1207.	3.1	268
79	Ectodysplasin regulates activator-inhibitor balance in murine tooth development through Fgf20 signaling. Development (Cambridge), 2012, 139, 3189-3199.	1.2	81
80	Differentiation of the Lateral Compartment of the Cochlea Requires a Temporally Restricted FGF20 Signal. PLoS Biology, 2012, 10, e1001231.	2.6	97
81	Growth Factor Signaling Pathways in Lung Development and Cancer. FASEB Journal, 2012, 26, 206.4.	0.2	0
82	Endothelial Blood-Bone Marrow-Barrier Dynamically Regulates Balanced Stem and Progenitor Cell Trafficking and Maintenance. Blood, 2012, 120, 507-507.	0.6	0
83	Fibroblast growth factors: from molecular evolution to roles in development, metabolism and disease. Journal of Biochemistry, 2011, 149, 121-130.	0.9	546
84	Missense mutations in Otopetrin 1 affect subcellular localization and inhibition of purinergic signaling in vestibular supporting cells. Molecular and Cellular Neurosciences, 2011, 46, 655-661.	1.0	34
85	Lineage-specific evolution of the vertebrate Otopetringene family revealed by comparative genomic analyses. BMC Evolutionary Biology, 2011, 11, 23.	3.2	16
86	Histomorphological study of palatal shelf elevation during murine secondary palate formation. Developmental Dynamics, 2011, 240, 1737-1744.	0.8	59
87	FGF10/FGFR2b signaling is essential for cardiac fibroblast development and growth of the myocardium. Development (Cambridge), 2011, 138, 3331-3340.	1.2	93
88	Mesothelial- and epithelial-derived FGF9 have distinct functions in the regulation of lung development. Development (Cambridge), 2011, 138, 3169-3177.	1.2	103
89	The Epicardial Signaling Center in Development and Disease. , 2010, , 345-359.		1
90	Analysis of a gain-of-function FGFR2 Crouzon mutation provides evidence of loss of function activity in the etiology of cleft palate. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2515-2520.	3.3	70

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91	Fibroblast growth factor receptors 1 and 2 in keratinocytes control the epidermal barrier and cutaneous homeostasis. Journal of Cell Biology, 2010, 188, 935-952.	2.3	116
92	Î²-catenin deficiency causes DiGeorge syndrome-like phenotypes through regulation of Tbx1. Development (Cambridge), 2010, 137, 1137-1147.	1.2	45
93	Regulation of Cellular Calcium in Vestibular Supporting Cells by Otopetrin 1. Journal of Neurophysiology, 2010, 104, 3439-3450.	0.9	40
94	FGF Receptors 1 and 2 Control Chemically Induced Injury and Compound Detoxification in Regenerating Livers of Mice. Gastroenterology, 2010, 139, 1385-1396.e8.	0.6	47
95	In vitro effects of recombinant otoconin 90 upon calcite crystal growth. Significance of tertiary structure. Hearing Research, 2010, 268, 172-183.	0.9	22
96	Healing of non-displaced fractures produced by fatigue loading of the mouse ulna. Bone, 2010, 46, 1604-1612.	1.4	45
97	Î²-catenin deficiency causes DiGeorge syndrome-like phenotypes through regulation of Tbx1. Journal of Cell Science, 2010, 123, e1-e1.	1.2	0
98	Shared Circuitry. Circulation Research, 2009, 104, 159-169.	2.0	51
99	Homodimerization Controls the Fibroblast Growth Factor 9 Subfamily's Receptor Binding and Heparan Sulfate-Dependent Diffusion in the Extracellular Matrix. Molecular and Cellular Biology, 2009, 29, 4663-4678.	1.1	44
100	Crystal Structure of a Fibroblast Growth Factor Homologous Factor (FHF) Defines a Conserved Surface on FHFs for Binding and Modulation of Voltage-gated Sodium Channels. Journal of Biological Chemistry, 2009, 284, 17883-17896.	1.6	121
101	FGF14 regulates the intrinsic excitability of cerebellar Purkinje neurons. Neurobiology of Disease, 2009, 33, 81-88.	2.1	112
102	Fibroblast growth factor expression during skeletal fracture healing in mice. Developmental Dynamics, 2009, 238, 766-774.	0.8	92
103	FGF9 monomerâ€“dimer equilibrium regulates extracellular matrix affinity and tissue diffusion. Nature Genetics, 2009, 41, 289-298.	9.4	104
104	FGF14 N-terminal splice variants differentially modulate Nav1.2 and Nav1.6-encoded sodium channels. Molecular and Cellular Neurosciences, 2009, 42, 90-101.	1.0	117
105	Functional evolutionary history of the mouse Fgf gene family. Developmental Dynamics, 2008, 237, 18-27.	0.8	352
106	Novel tool to suppress cell proliferation in vivo demonstrates that myocardial and coronary vascular growth represent distinct developmental programs. Developmental Dynamics, 2008, 237, 713-724.	0.8	19
107	Identification of the Otopetrin Domain, a conserved domain in vertebrate otopetrins and invertebrate otopetrin-like family members. BMC Evolutionary Biology, 2008, 8, 41.	3.2	30
108	Fibroblast growth factors and Hedgehogs: at the heart of the epicardial signaling center. Trends in Genetics, 2008, 24, 33-40.	2.9	50

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109	Role of Fgf receptor 2c in adipocyte hypertrophy in mesenteric white adipose tissue. Molecular and Cellular Endocrinology, 2008, 287, 13-19.	1.6	13
110	Fibroblast growth factor receptor signaling is essential for lens fiber cell differentiation. Developmental Biology, 2008, 318, 276-288.	0.9	149
111	An FGFâ€“WNT gene regulatory network controls lung mesenchyme development. Developmental Biology, 2008, 319, 426-436.	0.9	127
112	FGF signaling regulates mesenchymal differentiation and skeletal patterning along the limb bud proximodistal axis. Development (Cambridge), 2008, 135, 483-491.	1.2	111
113	Fgf9 signaling regulates small intestinal elongation and mesenchymal development. Development (Cambridge), 2008, 135, 2959-2968.	1.2	73
114	Hedgehog signaling to distinct cell types differentially regulates coronary artery and vein development. Development (Cambridge), 2008, 135, 3161-3171.	1.2	74
115	Regulation of Chondrocyte Growth and Differentiation by Fibroblast Growth Factor Receptor 3. Novartis Foundation Symposium, 2008, 232, 63-80.	1.2	36
116	Hedgehog signaling is critical for maintenance of the adult coronary vasculature in mice. Journal of Clinical Investigation, 2008, 118, 2404-14.	3.9	89
117	Otopetrin 1 activation by purinergic nucleotides regulates intracellular calcium. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12023-12028.	3.3	37
118	TheFGF14^{F145S}Mutation Disrupts the Interaction of FGF14 with Voltage-Gated Na⁺Channels and Impairs Neuronal Excitability. Journal of Neuroscience, 2007, 27, 12033-12044.	1.7	131
119	Fibroblast growth factor receptor 2 tyrosine kinase is required for prostatic morphogenesis and the acquisition of strict androgen dependency for adult tissue homeostasis. Development (Cambridge), 2007, 134, 723-734.	1.2	98
120	Fibroblast Growth Factor Receptors Cooperate to Regulate Neural Progenitor Properties in the Developing Midbrain and Hindbrain. Journal of Neuroscience, 2007, 27, 8581-8592.	1.7	85
121	FGF9 and SHH regulate mesenchymalVegfaexpression and development of the pulmonary capillary network. Development (Cambridge), 2007, 134, 3743-3752.	1.2	131
122	FGF18 is required for early chondrocyte proliferation, hypertrophy and vascular invasion of the growth plate. Developmental Biology, 2007, 302, 80-91.	0.9	178
123	FGF9 regulates early hypertrophic chondrocyte differentiation and skeletal vascularization in the developing stylopod. Developmental Biology, 2007, 307, 300-313.	0.9	133
124	Fibroblast Growth Factor Homologous Factors Control Neuronal Excitability through Modulation of Voltage-Gated Sodium Channels. Neuron, 2007, 55, 449-463.	3.8	220
125	Heparan and chondroitin sulfate on growth plate perlecan mediate binding and delivery of FGF-2 to FGF receptors. Matrix Biology, 2007, 26, 175-184.	1.5	67
126	Impaired hippocampal synaptic transmission and plasticity in mice lacking fibroblast growth factor 14. Molecular and Cellular Neurosciences, 2007, 34, 366-377.	1.0	74

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127	The FGF ligandâ€“receptor signaling system in chondrogenesis, osteogenesis and vascularization of the endochondral skeleton. International Congress Series, 2007, 1302, 67-78.	0.2	6
128	Rebuilding the Coronary Vasculature: Hedgehog as a New Candidate for Pharmacologic Revascularization. Trends in Cardiovascular Medicine, 2007, 17, 77-83.	2.3	26
129	Impaired spatial learning and defective theta burst induced LTP in mice lacking fibroblast growth factor 14. Neurobiology of Disease, 2007, 26, 14-26.	2.1	81
130	Fibroblast growth factor receptor 1 signaling in the osteo-chondrogenic cell lineage regulates sequential steps of osteoblast maturation. Developmental Biology, 2006, 296, 315-328.	0.9	167
131	Model for the Pharmacologic Treatment of Crouzon Syndrome. Neurosurgery, 2006, 59, 210-215.	0.6	49
132	Mixing model systems: Using zebrafish and mouse inner ear mutants and other organ systems to unravel the mystery of otoconial development. Brain Research, 2006, 1091, 58-74.	1.1	90
133	Microscale analysis of proteins in inner ear tissues and fluids with emphasis on endolymphatic sac, otoconia, and organ of Corti. Electrophoresis, 2006, 27, 1598-1608.	1.3	46
134	Bone morphogenetic protein receptor 1A signaling is dispensable for hematopoietic development but essential for vessel and atrioventricular endocardial cushion formation. Development (Cambridge), 2006, 133, 3473-3484.	1.2	89
135	Fibroblast growth factor signals regulate a wave of Hedgehog activation that is essential for coronary vascular development. Genes and Development, 2006, 20, 1651-1666.	2.7	214
136	FGF signalling generates ventral telencephalic cells independently of SHH. Development (Cambridge), 2006, 133, 2937-2946.	1.2	132
137	Inhibition or Activation of Apert Syndrome FGFR2 (S252W) Signaling by Specific Glycosaminoglycans. Journal of Biological Chemistry, 2006, 281, 6924-6930.	1.6	44
138	Runx2 inhibits chondrocyte proliferation and hypertrophy through its expression in the perichondrium. Genes and Development, 2006, 20, 2937-2942.	2.7	145
139	FGF9 and SHH signaling coordinate lung growth and development through regulation of distinct mesenchymal domains. Development (Cambridge), 2006, 133, 1507-1517.	1.2	198
140	Reciprocal epithelial-mesenchymal FGF signaling is required for cecal development. Development (Cambridge), 2006, 133, 173-180.	1.2	73
141	Receptor Specificity of the Fibroblast Growth Factor Family. Journal of Biological Chemistry, 2006, 281, 15694-15700.	1.6	986
142	Fibroblast growth factor 14 is an intracellular modulator of voltage-gated sodium channels. Journal of Physiology, 2005, 569, 179-193.	1.3	169
143	Signaling through FGF receptor-2 is required for lens cell survival and for withdrawal from the cell cycle during lens fiber cell differentiation. Developmental Dynamics, 2005, 233, 516-527.	0.8	67
144	Abnormalities in cartilage and bone development in the Apert syndrome FGFR2+/S252W mouse. Development (Cambridge), 2005, 132, 3537-3548.	1.2	172

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145	Analysis of the Biochemical Mechanisms for the Endocrine Actions of Fibroblast Growth Factor-23. Endocrinology, 2005, 146, 4647-4656.	1.4	192
146	Mutations that Cause Osteoglophonic Dysplasia Define Novel Roles for FGFR1 in Bone Elongation. American Journal of Human Genetics, 2005, 76, 361-367.	2.6	295
147	FGF signaling in the developing endochondral skeleton. Cytokine and Growth Factor Reviews, 2005, 16, 205-213.	3.2	323
148	Endocardial and Epicardial Derived FGF Signals Regulate Myocardial Proliferation and Differentiation In Vivo. Developmental Cell, 2005, 8, 85-95.	3.1	341
149	Sequential roles of Hedgehog and Wnt signaling in osteoblast development. Development (Cambridge), 2005, 132, 49-60.	1.2	593
150	Fgf9 induces proliferation and nuclear localization of FGFR2 in Sertoli precursors during male sex determination. Development (Cambridge), 2004, 131, 3627-3636.	1.2	236
151	Evolution of the Fgf and Fgfr gene families. Trends in Genetics, 2004, 20, 563-569.	2.9	941
152	Stat1 Controls Postnatal Bone Formation by Regulating Fibroblast Growth Factor Signaling in Osteoblasts. Journal of Biological Chemistry, 2004, 279, 27743-27752.	1.6	92
153	Molecular mechanisms underlying ectopic otoconia-like particles in the endolymphatic sac of embryonic mice. Maturitas, 2004, 194, 65-65.	1.0	0
154	FGF22 and Its Close Relatives Are Presynaptic Organizing Molecules in the Mammalian Brain. Cell, 2004, 118, 257-270.	13.5	251
155	Signalling by fibroblast growth factor receptor 3 and parathyroid hormone-related peptide coordinate cartilage and bone development. Bone, 2004, 34, 13-25.	1.4	61
156	Fgf9 signaling regulates inner ear morphogenesis through epithelialâ€“mesenchymal interactions. Developmental Biology, 2004, 273, 350-360.	0.9	78
157	Otopetrin 1 is required for otolith formation in the zebrafish Danio rerio. Developmental Biology, 2004, 276, 391-402.	0.9	100
158	Molecular mechanisms underlying ectopic otoconia-like particles in the endolymphatic sac of embryonic mice. Hearing Research, 2004, 194, 65-72.	0.9	16
159	A Twist Code Determines the Onset of Osteoblast Differentiation. Developmental Cell, 2004, 6, 423-435.	3.1	619
160	Conserved Roles for Slit and Robo Proteins in Midline Commissural Axon Guidance. Neuron, 2004, 42, 213-223.	3.8	402
161	Fibroblast Growth Factor (FGF) Homologous Factors Share Structural but Not Functional Homology with FGFs. Journal of Biological Chemistry, 2003, 278, 34226-34236.	1.6	221
162	Twist Regulates Cytokine Gene Expression through a Negative Feedback Loop that Represses NF-Î¹B Activity. Cell, 2003, 112, 169-180.	13.5	417

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163	Non-syndromic vestibular disorder with otoconial agenesis in tilted/mergulhador mice caused by mutations in otopetrin 1. Human Molecular Genetics, 2003, 12, 777-789.	1.4	111
164	Conditional inactivation of FGF receptor 2 reveals an essential role for FGF signaling in the regulation of osteoblast function and bone growth. Development (Cambridge), 2003, 130, 3063-3074.	1.2	568
165	A genetic model for a central (septum transversum) congenital diaphragmatic hernia in mice lacking Slit3. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5217-5222.	3.3	127
166	Fgfr3expression by astrocytes and their precursors: evidence that astrocytes and oligodendrocytes originate in distinct neuroepithelial domains. Development (Cambridge), 2003, 130, 93-102.	1.2	148
167	Defective bone mineralization and osteopenia in young adult FGFR3-/- mice. Human Molecular Genetics, 2003, 13, 271-284.	1.4	118
168	Fibroblast Growth Factor Receptor 3 Signaling Regulates the Onset of Oligodendrocyte Terminal Differentiation. Journal of Neuroscience, 2003, 23, 883-894.	1.7	93
169	Coordination of chondrogenesis and osteogenesis by fibroblast growth factor 18. Genes and Development, 2002, 16, 859-869.	2.7	421
170	Regulation of Osteocalcin Gene Expression by a Novel Ku Antigen Transcription Factor Complex. Journal of Biological Chemistry, 2002, 277, 37280-37291.	1.6	75
171	FGF signaling pathways in endochondral and intramembranous bone development and human genetic disease. Genes and Development, 2002, 16, 1446-1465.	2.7	786
172	Ataxia and Paroxysmal Dyskinesia in Mice Lacking Axonally Transported FGF14. Neuron, 2002, 35, 25-38.	3.8	173
173	Interaction of FGF, Ihh/Pthlh, and BMP Signaling Integrates Chondrocyte Proliferation and Hypertrophic Differentiation. Developmental Cell, 2002, 3, 439-449.	3.1	414
174	Fibroblast growth factors. Genome Biology, 2001, 2, reviews3005.1.	13.9	1,562
175	Physical Mapping of the Mouse Tilted Locus Identifies an Association between Human Deafness Loci DFNA6/14 and Vestibular System Development. Genomics, 2001, 77, 189-199.	1.3	12
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