

# David M Ornitz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217  
papers

27,813  
citations

80  
h-index

165  
g-index

231  
ext. papers

30,316  
ext. citations

8.6  
avg, IF

7.21  
L-index

| #   | Paper                                                                                                                                                                                                        | IF   | Citations |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 217 | New developments in the biology of fibroblast growth factors.. <i>WIREs Mechanisms of Disease</i> , <b>2022</b> , e15493                                                                                     | 1.6  | 1         |
| 216 | Regenerative responses of rabbit corneal endothelial cells to stimulation by fibroblast growth factor 1 (FGF1) derivatives, TTHX1001 and TTHX1114. <i>Growth Factors</i> , <b>2021</b> , 1-14                | 1.6  | 2         |
| 215 | Upregulation of FGF9 in Lung Adenocarcinoma Transdifferentiation to Small Cell Lung Cancer. <i>Cancer Research</i> , <b>2021</b> , 81, 3916-3929                                                             | 10.1 | 2         |
| 214 | Deletion of Fibroblast growth factor 9 globally and in skeletal muscle results in enlarged tuberosities at sites of deltoid tendon attachments. <i>Developmental Dynamics</i> , <b>2021</b> , 250, 1778-1795 | 2.9  | 2         |
| 213 | ETV4 and ETV5 drive synovial sarcoma through cell cycle and DUX4 embryonic pathway control. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,                                                    | 15.9 | 1         |
| 212 | FGF20-FGFR1 signaling through MAPK and PI3K controls sensory progenitor differentiation in the organ of Corti. <i>Developmental Dynamics</i> , <b>2021</b> , 250, 134-144                                    | 2.9  | 2         |
| 211 | Endothelial FGF signaling is protective in hypoxia-induced pulmonary hypertension. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,                                                             | 15.9 | 5         |
| 210 | Analysis of FGF20-regulated genes in organ of Corti progenitors by translating ribosome affinity purification. <i>Developmental Dynamics</i> , <b>2020</b> , 249, 1217-1242                                  | 2.9  | 4         |
| 209 | FGF9 and FGF10 activate distinct signaling pathways to direct lung epithelial specification and branching. <i>Science Signaling</i> , <b>2020</b> , 13,                                                      | 8.8  | 16        |
| 208 | Digenic Variants in the FGF21 Signaling Pathway Associated with Severe Insulin Resistance and Pseudoacromegaly. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa138                           | 0.4  | 4         |
| 207 | Geminin is required for Hox gene regulation to pattern the developing limb. <i>Developmental Biology</i> , <b>2020</b> , 464, 11-23                                                                          | 3.1  | 2         |
| 206 | Mouse genetics identifies unique and overlapping functions of fibroblast growth factor receptors in keratinocytes. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 1774-1785           | 5.6  | 5         |
| 205 | FGFR2 Is Required for AEC2 Homeostasis and Survival after Bleomycin-induced Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 62, 608-621                       | 5.7  | 19        |
| 204 | FAM20B-catalyzed glycosaminoglycans control murine tooth number by restricting FGFR2b signaling. <i>BMC Biology</i> , <b>2020</b> , 18, 87                                                                   | 7.3  | 3         |
| 203 | The Fgf8 subfamily (Fgf8, Fgf17 and Fgf18) is required for closure of the embryonic ventral body wall. <i>Development (Cambridge)</i> , <b>2020</b> , 147,                                                   | 6.6  | 7         |
| 202 | Identification of a FGF18-expressing alveolar myofibroblast that is developmentally cleared during alveologenesis. <i>Development (Cambridge)</i> , <b>2020</b> , 147,                                       | 6.6  | 12        |
| 201 | Fibroblast growth factor (FGF) and FGF receptor families in bone <b>2020</b> , 1113-1140                                                                                                                     |      |           |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 200 | Crouzon syndrome mouse model exhibits cartilage hyperproliferation and defective segmentation in the developing trachea. <i>Science China Life Sciences</i> , <b>2019</b> , 62, 1375-1380                              | 8.5  | 3  |
| 199 | FGF2-induced STAT3 activation regulates pathologic neovascularization. <i>Experimental Eye Research</i> , <b>2019</b> , 187, 107775                                                                                    | 3.7  | 17 |
| 198 | Osteocyte Death and Bone Overgrowth in Mice Lacking Fibroblast Growth Factor Receptors 1 and 2 in Mature Osteoblasts and Osteocytes. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1660-1675         | 6.3  | 11 |
| 197 | Characterisation of endogenous players in fibroblast growth factor-regulated functions of hypothalamic tanycytes and energy-balance nuclei. <i>Journal of Neuroendocrinology</i> , <b>2019</b> , 31, e12750            | 3.8  | 11 |
| 196 | Effect of FGF/FGFR pathway blocking on lung adenocarcinoma and its cancer-associated fibroblasts. <i>Journal of Pathology</i> , <b>2019</b> , 249, 193-205                                                             | 9.4  | 27 |
| 195 | Fibroblast growth factors in skeletal development. <i>Current Topics in Developmental Biology</i> , <b>2019</b> , 133, 195-234                                                                                         | 5.3  | 26 |
| 194 | Diagnosis and Pathophysiological Mechanisms of Group 3 Hypoxia-Induced Pulmonary Hypertension. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2019</b> , 21, 16                                      | 2.1  | 8  |
| 193 | Generation and validation of novel conditional flox and inducible Cre alleles targeting fibroblast growth factor 18 (Fgf18). <i>Developmental Dynamics</i> , <b>2019</b> , 248, 882-893                                | 2.9  | 14 |
| 192 | Sox2 and FGF20 interact to regulate organ of Corti hair cell and supporting cell development in a spatially-graded manner. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008254                                           | 6    | 9  |
| 191 | Neural crest-derived neurons invade the ovary but not the testis during mouse gonad development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5570-5575 | 11.5 | 11 |
| 190 | β-Catenin is required for radial cell patterning and identity in the developing mouse cochlea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21054-21060 | 11.5 | 14 |
| 189 | Dermal Condensate Niche Fate Specification Occurs Prior to Formation and Is Placode Progenitor Dependent. <i>Developmental Cell</i> , <b>2019</b> , 48, 32-48.e5                                                       | 10.2 | 44 |
| 188 | Sculpting the skull through neurosensory epithelial-mesenchymal signaling. <i>Developmental Dynamics</i> , <b>2019</b> , 248, 88-97                                                                                    | 2.9  | 7  |
| 187 | Tumor associated macrophages support the growth of FGF9-induced lung adenocarcinoma by multiple mechanisms. <i>Lung Cancer</i> , <b>2018</b> , 119, 25-35                                                              | 5.9  | 16 |
| 186 | FGF20-Expressing, Wnt-Responsive Olfactory Epithelial Progenitors Regulate Underlying Turbinate Growth to Optimize Surface Area. <i>Developmental Cell</i> , <b>2018</b> , 46, 564-580.e5                              | 10.2 | 11 |
| 185 | Fibroblast growth factor 2 decreases bleomycin-induced pulmonary fibrosis and inhibits fibroblast collagen production and myofibroblast differentiation. <i>Journal of Pathology</i> , <b>2018</b> , 246, 54-66        | 9.4  | 37 |
| 184 | Impaired tumor growth and angiogenesis in mice heterozygous for Vegfr2 (Flk1). <i>Scientific Reports</i> , <b>2018</b> , 8, 14724                                                                                      | 4.9  | 15 |
| 183 | An Introduction to the Fibroblast Growth Factors <b>2017</b> , 1-39                                                                                                                                                    |      | 1  |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 182 | Pulmonary fibrosis requires cell-autonomous mesenchymal fibroblast growth factor (FGF) signaling. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 10364-10378                                                                        | 5.4  | 35  |
| 181 | FGF21 Regulates Metabolism Through Adipose-Dependent and -Independent Mechanisms. <i>Cell Metabolism</i> , <b>2017</b> , 25, 935-944.e4                                                                                                          | 24.6 | 153 |
| 180 | Achondroplasia: Development, pathogenesis, and therapy. <i>Developmental Dynamics</i> , <b>2017</b> , 246, 291-309                                                                                                                               | 2.9  | 109 |
| 179 | Ectodysplasin target gene Fgf20 regulates mammary bud growth and ductal invasion and branching during puberty. <i>Scientific Reports</i> , <b>2017</b> , 7, 5049                                                                                 | 4.9  | 10  |
| 178 | An S116R Phosphorylation Site Mutation in Human Fibroblast Growth Factor-1 Differentially Affects Mitogenic and Glucose-Lowering Activities. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 3507-3519                            | 3.9  | 1   |
| 177 | Clec16a is Critical for Autolysosome Function and Purkinje Cell Survival. <i>Scientific Reports</i> , <b>2016</b> , 6, 23326                                                                                                                     | 4.9  | 23  |
| 176 | A combined series of Fgf9 and Fgf18 mutant alleles identifies unique and redundant roles in skeletal development. <i>Developmental Biology</i> , <b>2016</b> , 411, 72-84                                                                        | 3.1  | 37  |
| 175 | Sulfated hydrogel matrices direct mitogenicity and maintenance of chondrocyte phenotype through activation of FGF signaling. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3649-3662                                                  | 15.6 | 45  |
| 174 | Stromal-Initiated Changes in the Bone Promote Metastatic Niche Development. <i>Cell Reports</i> , <b>2016</b> , 14, 82-92                                                                                                                        | 10.6 | 76  |
| 173 | Proteomic analysis of native cerebellar IGF14 complexes. <i>Channels</i> , <b>2016</b> , 10, 297-312                                                                                                                                             | 3    | 6   |
| 172 | Endothelial fibroblast growth factor receptor signaling is required for vascular remodeling following cardiac ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 310, H559-71 | 5.2  | 31  |
| 171 | Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 86-96                                                                                        | 9.4  | 36  |
| 170 | Elevated Fibroblast Growth Factor Signaling Is Critical for the Pathogenesis of the Dwarfism in Evc2/Limbin Mutant Mice. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006510                                                                       | 6    | 11  |
| 169 | FGF signaling in the osteoprogenitor lineage non-autonomously regulates postnatal chondrocyte proliferation and skeletal growth. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 1811-22                                                     | 6.6  | 47  |
| 168 | Inhibition of fibroblast growth factor receptor 3-dependent lung adenocarcinoma with a human monoclonal antibody. <i>DMM Disease Models and Mechanisms</i> , <b>2016</b> , 9, 563-71                                                             | 4.1  | 11  |
| 167 | Engineering a Cysteine-Free Form of Human Fibroblast Growth Factor-1 for "Second Generation" Therapeutic Application. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 1444-53                                                     | 3.9  | 12  |
| 166 | Fibroblast growth factor signaling in skeletal development and disease. <i>Genes and Development</i> , <b>2015</b> , 29, 1463-86                                                                                                                 | 12.6 | 238 |
| 165 | Fibroblast Growth Factor 9 Regulation by MicroRNAs Controls Lung Development and Links DICER1 Loss to the Pathogenesis of Pleuropulmonary Blastoma. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005242                                            | 6    | 28  |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 164 | Characterization of the cell of origin and propagation potential of the fibroblast growth factor 9-induced mouse model of lung adenocarcinoma. <i>Journal of Pathology</i> , <b>2015</b> , 235, 593-605                                                | 9.4  | 20   |
| 163 | Fibroblast growth factor 2 is required for epithelial recovery, but not for pulmonary fibrosis, in response to bleomycin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2015</b> , 52, 116-28                                 | 5.7  | 60   |
| 162 | Mesenchymal fibroblast growth factor receptor signaling regulates palatal shelf elevation during secondary palate formation. <i>Developmental Dynamics</i> , <b>2015</b> , 244, 1427-38                                                                | 2.9  | 18   |
| 161 | Cochlear progenitor number is controlled through mesenchymal FGF receptor signaling. <i>ELife</i> , <b>2015</b> , 4,                                                                                                                                   | 8.9  | 46   |
| 160 | Intracellular FGF14 (iFGF14) Is Required for Spontaneous and Evoked Firing in Cerebellar Purkinje Neurons and for Motor Coordination and Balance. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 6752-69                                           | 6.6  | 36   |
| 159 | The Fibroblast Growth Factor signaling pathway. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2015</b> , 4, 215-66                                                                                                                | 5.9  | 1048 |
| 158 | Region-specific regulation of cell proliferation by FGF receptor signaling during the Wolffian duct development. <i>Developmental Biology</i> , <b>2015</b> , 400, 139-47                                                                              | 3.1  | 18   |
| 157 | Fibroblast growth factor 2 is an essential cardioprotective factor in a closed-chest model of cardiac ischemia-reperfusion injury. <i>Physiological Reports</i> , <b>2015</b> , 3, e12278                                                              | 2.6  | 25   |
| 156 | Distinct macrophage lineages contribute to disparate patterns of cardiac recovery and remodeling in the neonatal and adult heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16029-34 | 11.5 | 397  |
| 155 | OVOL2 is a critical regulator of ER71/ETV2 in generating FLK1+, hematopoietic, and endothelial cells from embryonic stem cells. <i>Blood</i> , <b>2014</b> , 124, 2948-52                                                                              | 2.2  | 17   |
| 154 | Osx-Cre targets multiple cell types besides osteoblast lineage in postnatal mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e85161                                                                                                                            | 3.6  | 123  |
| 153 | In vitro calcite crystal morphology is modulated by otoconial proteins otolin-1 and otoconin-90. <i>PLoS ONE</i> , <b>2014</b> , 9, e95333                                                                                                             | 3.7  | 20   |
| 152 | Dual transgene expression in murine cerebellar Purkinje neurons by viral transduction in vivo. <i>PLoS ONE</i> , <b>2014</b> , 9, e104062                                                                                                              | 3.7  | 13   |
| 151 | Endothelial cell FGF signaling is required for injury response but not for vascular homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13379-84                                  | 11.5 | 88   |
| 150 | Development of the endochondral skeleton. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2013</b> , 5, a008334                                                                                                                                 | 10.2 | 353  |
| 149 | FGF14 localization and organization of the axon initial segment. <i>Molecular and Cellular Neurosciences</i> , <b>2013</b> , 56, 393-403                                                                                                               | 4.8  | 37   |
| 148 | Fgf20 governs formation of primary and secondary dermal condensations in developing hair follicles. <i>Genes and Development</i> , <b>2013</b> , 27, 450-8                                                                                             | 12.6 | 81   |
| 147 | Fgf9 from dermal $\Gamma$ cells induces hair follicle neogenesis after wounding. <i>Nature Medicine</i> , <b>2013</b> , 19, 916-23                                                                                                                     | 50.5 | 194  |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 146 | Delineating a conserved genetic cassette promoting outgrowth of body appendages. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003231                                                                                                                         | 6    | 44  |
| 145 | Rapid induction of lung adenocarcinoma by fibroblast growth factor 9 signaling through FGF receptor 3. <i>Cancer Research</i> , <b>2013</b> , 73, 5730-41                                                                                                 | 10.1 | 40  |
| 144 | Fibroblast growth factor receptor 1 signaling in adult cardiomyocytes increases contractility and results in a hypertrophic cardiomyopathy. <i>PLoS ONE</i> , <b>2013</b> , 8, e82979                                                                     | 3.7  | 28  |
| 143 | FGF receptors 1 and 2 are key regulators of keratinocyte migration in vitro and in wounded skin. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 5690-701                                                                                             | 5.3  | 70  |
| 142 | FGF9 and FGF20 maintain the stemness of nephron progenitors in mice and man. <i>Developmental Cell</i> , <b>2012</b> , 22, 1191-207                                                                                                                       | 10.2 | 225 |
| 141 | Ectodysplasin regulates activator-inhibitor balance in murine tooth development through Fgf20 signaling. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 3189-99                                                                                      | 6.6  | 63  |
| 140 | Differentiation of the lateral compartment of the cochlea requires a temporally restricted FGF20 signal. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001231                                                                                                 | 9.7  | 70  |
| 139 | Signaling networks regulating development of the lower respiratory tract. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2012</b> , 4,                                                                                                            | 10.2 | 55  |
| 138 | Growth Factor Signaling Pathways in Lung Development and Cancer. <i>FASEB Journal</i> , <b>2012</b> , 26, 206.4                                                                                                                                           | 0.9  |     |
| 137 | Endothelial Blood-Bone Marrow-Barrier Dynamically Regulates Balanced Stem and Progenitor Cell Trafficking and Maintenance. <i>Blood</i> , <b>2012</b> , 120, 507-507                                                                                      | 2.2  |     |
| 136 | Missense mutations in Otopetrin 1 affect subcellular localization and inhibition of purinergic signaling in vestibular supporting cells. <i>Molecular and Cellular Neurosciences</i> , <b>2011</b> , 46, 655-61                                           | 4.8  | 23  |
| 135 | Lineage-specific evolution of the vertebrate Otopetrin gene family revealed by comparative genomic analyses. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 23                                                                                       | 3    | 10  |
| 134 | Histomorphological study of palatal shelf elevation during murine secondary palate formation. <i>Developmental Dynamics</i> , <b>2011</b> , 240, 1737-44                                                                                                  | 2.9  | 42  |
| 133 | Fibroblast growth factors: from molecular evolution to roles in development, metabolism and disease. <i>Journal of Biochemistry</i> , <b>2011</b> , 149, 121-30                                                                                           | 3.1  | 458 |
| 132 | FGF10/FGFR2b signaling is essential for cardiac fibroblast development and growth of the myocardium. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 3331-40                                                                                          | 6.6  | 72  |
| 131 | Mesothelial- and epithelial-derived FGF9 have distinct functions in the regulation of lung development. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 3169-77                                                                                       | 6.6  | 85  |
| 130 | The Epicardial Signaling Center in Development and Disease <b>2010</b> , 345-359                                                                                                                                                                          |      | 1   |
| 129 | Analysis of a gain-of-function FGFR2 Crouzon mutation provides evidence of loss of function activity in the etiology of cleft palate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2515-20 | 11.5 | 58  |

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| 128 | Fibroblast growth factor receptors 1 and 2 in keratinocytes control the epidermal barrier and cutaneous homeostasis. <i>Journal of Cell Biology</i> , <b>2010</b> , 188, 935-52                                                               | 7.3  | 101 |
| 127 | Beta-catenin deficiency causes DiGeorge syndrome-like phenotypes through regulation of Tbx1. <i>Development (Cambridge)</i> , <b>2010</b> , 137, 1137-47                                                                                      | 6.6  | 39  |
| 126 | Regulation of cellular calcium in vestibular supporting cells by otopetrin 1. <i>Journal of Neurophysiology</i> , <b>2010</b> , 104, 3439-50                                                                                                  | 3.2  | 33  |
| 125 | FGF receptors 1 and 2 control chemically induced injury and compound detoxification in regenerating livers of mice. <i>Gastroenterology</i> , <b>2010</b> , 139, 1385-96                                                                      | 13.3 | 41  |
| 124 | In vitro effects of recombinant otoconin 90 upon calcite crystal growth. Significance of tertiary structure. <i>Hearing Research</i> , <b>2010</b> , 268, 172-83                                                                              | 3.9  | 19  |
| 123 | Healing of non-displaced fractures produced by fatigue loading of the mouse ulna. <i>Bone</i> , <b>2010</b> , 46, 1604-17                                                                                                                     | 4.7  | 37  |
| 122 | β-catenin deficiency causes DiGeorge syndrome-like phenotypes through regulation of Tbx1. <i>Journal of Cell Science</i> , <b>2010</b> , 123, e1-e1                                                                                           | 5.3  |     |
| 121 | Shared circuitry: developmental signaling cascades regulate both embryonic and adult coronary vasculature. <i>Circulation Research</i> , <b>2009</b> , 104, 159-69                                                                            | 15.7 | 47  |
| 120 | Homodimerization controls the fibroblast growth factor 9 subfamily's receptor binding and heparan sulfate-dependent diffusion in the extracellular matrix. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 4663-78                  | 4.8  | 33  |
| 119 | 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. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 17883-96 | 5.4  | 93  |
| 118 | FGF14 regulates the intrinsic excitability of cerebellar Purkinje neurons. <i>Neurobiology of Disease</i> , <b>2009</b> , 33, 81-8                                                                                                            | 7.5  | 93  |
| 117 | Fibroblast growth factor expression during skeletal fracture healing in mice. <i>Developmental Dynamics</i> , <b>2009</b> , 238, 766-74                                                                                                       | 2.9  | 73  |
| 116 | FGF9 monomer-dimer equilibrium regulates extracellular matrix affinity and tissue diffusion. <i>Nature Genetics</i> , <b>2009</b> , 41, 289-98                                                                                                | 36.3 | 92  |
| 115 | FGF14 N-terminal splice variants differentially modulate Nav1.2 and Nav1.6-encoded sodium channels. <i>Molecular and Cellular Neurosciences</i> , <b>2009</b> , 42, 90-101                                                                    | 4.8  | 91  |
| 114 | Identification of the Otopetrin Domain, a conserved domain in vertebrate otopetrins and invertebrate otopetrin-like family members. <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 41                                                     | 3    | 22  |
| 113 | Fibroblast growth factors and Hedgehogs: at the heart of the epicardial signaling center. <i>Trends in Genetics</i> , <b>2008</b> , 24, 33-40                                                                                                 | 8.5  | 43  |
| 112 | Role of Fgf receptor 2c in adipocyte hypertrophy in mesenteric white adipose tissue. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 287, 13-9                                                                                    | 4.4  | 12  |
| 111 | Fibroblast growth factor receptor signaling is essential for lens fiber cell differentiation. <i>Developmental Biology</i> , <b>2008</b> , 318, 276-88                                                                                        | 3.1  | 133 |

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| 110 | An FGF-WNT gene regulatory network controls lung mesenchyme development. <i>Developmental Biology</i> , <b>2008</b> , 319, 426-36                                                                                                      | 3.1  | 102 |
| 109 | FGF signaling regulates mesenchymal differentiation and skeletal patterning along the limb bud proximodistal axis. <i>Development (Cambridge)</i> , <b>2008</b> , 135, 483-91                                                          | 6.6  | 100 |
| 108 | Fgf9 signaling regulates small intestinal elongation and mesenchymal development. <i>Development (Cambridge)</i> , <b>2008</b> , 135, 2959-68                                                                                          | 6.6  | 63  |
| 107 | Hedgehog signaling to distinct cell types differentially regulates coronary artery and vein development. <i>Development (Cambridge)</i> , <b>2008</b> , 135, 3161-71                                                                   | 6.6  | 68  |
| 106 | Functional evolutionary history of the mouse Fgf gene family. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 18-27                                                                                                                 | 2.9  | 299 |
| 105 | Novel tool to suppress cell proliferation in vivo demonstrates that myocardial and coronary vascular growth represent distinct developmental programs. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 713-24                       | 2.9  | 18  |
| 104 | Hedgehog signaling is critical for maintenance of the adult coronary vasculature in mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 2404-14                                                                        | 15.9 | 82  |
| 103 | Rebuilding the coronary vasculature: hedgehog as a new candidate for pharmacologic revascularization. <i>Trends in Cardiovascular Medicine</i> , <b>2007</b> , 17, 77-83                                                               | 6.9  | 24  |
| 102 | Impaired spatial learning and defective theta burst induced LTP in mice lacking fibroblast growth factor 14. <i>Neurobiology of Disease</i> , <b>2007</b> , 26, 14-26                                                                  | 7.5  | 75  |
| 101 | Otopetrin 1 activation by purinergic nucleotides regulates intracellular calcium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 12023-8                                  | 11.5 | 29  |
| 100 | The FGF14(F145S) mutation disrupts the interaction of FGF14 with voltage-gated Na <sup>+</sup> channels and impairs neuronal excitability. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 12033-44                                 | 6.6  | 118 |
| 99  | Fibroblast growth factor receptor 2 tyrosine kinase is required for prostatic morphogenesis and the acquisition of strict androgen dependency for adult tissue homeostasis. <i>Development (Cambridge)</i> , <b>2007</b> , 134, 723-34 | 6.6  | 87  |
| 98  | Fibroblast growth factor receptors cooperate to regulate neural progenitor properties in the developing midbrain and hindbrain. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 8581-92                                             | 6.6  | 76  |
| 97  | FGF9 and SHH regulate mesenchymal Vegfa expression and development of the pulmonary capillary network. <i>Development (Cambridge)</i> , <b>2007</b> , 134, 3743-52                                                                     | 6.6  | 115 |
| 96  | FGF18 is required for early chondrocyte proliferation, hypertrophy and vascular invasion of the growth plate. <i>Developmental Biology</i> , <b>2007</b> , 302, 80-91                                                                  | 3.1  | 152 |
| 95  | FGF9 regulates early hypertrophic chondrocyte differentiation and skeletal vascularization in the developing stylopod. <i>Developmental Biology</i> , <b>2007</b> , 307, 300-13                                                        | 3.1  | 115 |
| 94  | Fibroblast growth factor homologous factors control neuronal excitability through modulation of voltage-gated sodium channels. <i>Neuron</i> , <b>2007</b> , 55, 449-63                                                                | 13.9 | 183 |
| 93  | Heparan and chondroitin sulfate on growth plate perlecan mediate binding and delivery of FGF-2 to FGF receptors. <i>Matrix Biology</i> , <b>2007</b> , 26, 175-84                                                                      | 11.4 | 57  |

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