

Philip J Gage

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,085
citations

236612

25
h-index

454577

30
g-index

40
all docs

40
docs citations

40
times ranked

3223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Oculomotor nerve guidance and terminal branching requires interactions with differentiating extraocular muscles. <i>Developmental Biology</i> , 2021, 476, 272-281. | 0.9 | 4 |
| 2 | Foxc1 and Foxc2 in the Neural Crest Are Required for Ocular Anterior Segment Development. , 2017, 58, 1368. | | 62 |
| 3 | A targeted approach to genome-wide studies reveals new genetic associations with central corneal thickness. <i>Molecular Vision</i> , 2017, 23, 952-962. | 1.1 | 5 |
| 4 | AP-2 β Is a Downstream Effector of PITX2 Required to Specify Endothelium and Establish Angiogenic Privilege During Corneal Development. , 2016, 57, 1072. | | 28 |
| 5 | Heterozygous <i>Pitx2</i> Null Mice Accurately Recapitulate the Ocular Features of Axenfeld-Rieger Syndrome and Congenital Glaucoma. , 2016, 57, 5023. | | 46 |
| 6 | β -catenin is required in the neural crest and mesencephalon for pituitary gland organogenesis. <i>BMC Developmental Biology</i> , 2016, 16, 16. | 2.1 | 25 |
| 7 | Mouse Models for the Dissection of CHD7 Functions in Eye Development and the Molecular Basis for Ocular Defects in CHARGE Syndrome. , 2015, 56, 7923. | | 26 |
| 8 | The homeodomain transcription factor PITX2 is required for specifying correct cell fates and establishing angiogenic privilege in the developing cornea. <i>Developmental Dynamics</i> , 2014, 243, 1391-1400. | 0.8 | 50 |
| 9 | Mutation of FOXC1 and PITX2 induces cerebral small-vessel disease. <i>Journal of Clinical Investigation</i> , 2014, 124, 4877-4881. | 3.9 | 105 |
| 10 | FGF9 β - <i>Pitx2</i> -FGF10 signaling controls cecal formation in mice. <i>Developmental Biology</i> , 2012, 369, 340-348. | 0.9 | 29 |
| 11 | <i>Pitx2</i> is an upstream activator of extraocular myogenesis and survival. <i>Developmental Biology</i> , 2011, 349, 395-405. | 0.9 | 58 |
| 12 | Shroom3 and a <i>Pitx2</i> -N-cadherin pathway function cooperatively to generate asymmetric cell shape changes during gut morphogenesis. <i>Developmental Biology</i> , 2011, 357, 227-234. | 0.9 | 51 |
| 13 | Canonical Wnt/ β -catenin signaling is required for maintenance but not activation of <i>Pitx2</i> expression in neural crest during eye development. <i>Developmental Dynamics</i> , 2010, 239, 3215-3225. | 0.8 | 35 |
| 14 | AP-2 β knockout mice exhibit optic cup patterning defects and failure of optic stalk morphogenesis. <i>Human Molecular Genetics</i> , 2010, 19, 1791-1804. | 1.4 | 72 |
| 15 | Human PRKC Apoptosis WT1 Regulator Is a Novel PITX2-interacting Protein That Regulates PITX2 Transcriptional Activity in Ocular Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 34829-34838. | 1.6 | 23 |
| 16 | Signaling β -catenin is integrated by transcription factors in the development of the anterior segment in the eye. <i>Developmental Dynamics</i> , 2009, 238, 2149-2162. | 0.8 | 61 |
| 17 | The canonical Wnt signaling antagonist DKK2 is an essential effector of PITX2 function during normal eye development. <i>Developmental Biology</i> , 2008, 317, 310-324. | 0.9 | 115 |
| 18 | Myocardial <i>Pitx2</i> Differentially Regulates the Left Atrial Identity and Ventricular Asymmetric Remodeling Programs. <i>Circulation Research</i> , 2008, 102, 813-822. | 2.0 | 88 |

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|----|---|-----|-----------|
| 19 | Sequential expression and redundancy of Pitx2 and Pitx3 genes during muscle development. <i>Developmental Biology</i> , 2007, 307, 421-433. | 0.9 | 77 |
| 20 | Pitx2 regulates cardiac left-right asymmetry by patterning second cardiac lineage-derived myocardium. <i>Developmental Biology</i> , 2006, 296, 437-449. | 0.9 | 110 |
| 21 | Expression of Pitx2 in stromal cells is required for normal hematopoiesis. <i>Blood</i> , 2006, 107, 492-500. | 0.6 | 31 |
| 22 | Hematopoiesis following disruption of the Pitx2 homeodomain gene. <i>Experimental Hematology</i> , 2006, 34, 167-178. | 0.2 | 7 |
| 23 | Nestin-Cre mediated deletion of Pitx2 in the mouse. <i>Genesis</i> , 2006, 44, 336-344. | 0.8 | 41 |
| 24 | Extraocular Muscle Morphogenesis and Gene Expression Are Regulated by Pitx2 Gene Dose. , 2006, 47, 1785. | | 94 |
| 25 | Functional interactions between FOXC1 and PITX2 underlie the sensitivity to FOXC1 gene dose in Axenfeld-Rieger syndrome and anterior segment dysgenesis. <i>Human Molecular Genetics</i> , 2006, 15, 905-919. | 1.4 | 137 |
| 26 | Tbx1 affects asymmetric cardiac morphogenesis by regulating Pitx2 in the secondary heart field. <i>Development (Cambridge)</i> , 2006, 133, 1565-1573. | 1.2 | 132 |
| 27 | Reduced Human and Murine Corneal Thickness in an Axenfeld-Rieger Syndrome Subtype. , 2006, 47, 4905. | | 26 |
| 28 | Fate Maps of Neural Crest and Mesoderm in the Mammalian Eye. , 2005, 46, 4200. | | 326 |
| 29 | Expression of the homeobox gene Pitx2 in neural crest is required for optic stalk and ocular anterior segment development. <i>Human Molecular Genetics</i> , 2005, 14, 3347-3359. | 1.4 | 202 |
| 30 | PITX Genes Are Required for Cell Survival and Lhx3 Activation. <i>Molecular Endocrinology</i> , 2005, 19, 1893-1903. | 3.7 | 128 |
| 31 | Transgenic Mice Expressing Cre-Recombinase Specifically in M- or S-Cone Photoreceptors. , 2004, 45, 42. | | 29 |
| 32 | PITX2 is required for normal development of neurons in the mouse subthalamic nucleus and midbrain. <i>Developmental Biology</i> , 2004, 267, 93-108. | 0.9 | 94 |
| 33 | Characterization of mouse orthologue of ELOVL4: genomic organization and spatial and temporal expression. <i>Genomics</i> , 2004, 83, 626-635. | 1.3 | 86 |
| 34 | Pitx2 Distinguishes Subtypes of Terminally Differentiated Neurons in the Developing Mouse Neuroepithelium. <i>Developmental Biology</i> , 2002, 252, 84-99. | 0.9 | 59 |
| 35 | Pitx2 is required at multiple stages of pituitary organogenesis: pituitary primordium formation and cell specification. <i>Development (Cambridge)</i> , 2002, 129, 329-337. | 1.2 | 168 |
| 36 | Pitx2 is required at multiple stages of pituitary organogenesis: pituitary primordium formation and cell specification. <i>Development (Cambridge)</i> , 2002, 129, 329-37. | 1.2 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The bicoid -related Pitx gene family in development. Mammalian Genome, 1999, 10, 197-200. | 1.0 | 148 |
| 38 | Pituitary homeobox 2, a novel member of the bicoid-related family of homeobox genes, is a potential regulator of anterior structure formation. Human Molecular Genetics, 1997, 6, 457-464. | 1.4 | 243 |