

Chrissa Kioussi

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,565
citations

257450

24
h-index

133252

59
g-index

70
all docs

70
docs citations

70
times ranked

4341
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pitx2 regulates lung asymmetry, cardiac positioning and pituitary and tooth morphogenesis. <i>Nature</i> , 1999, 401, 279-282. | 27.8 | 568 |
| 2 | Identification of a Wnt/Dvl/ β -Catenin β ' Pitx2 Pathway Mediating Cell-Type-Specific Proliferation during Development. <i>Cell</i> , 2002, 111, 673-685. | 28.9 | 519 |
| 3 | Detection of Apoptosis by TUNEL Assay. <i>Methods in Molecular Biology</i> , 2012, 887, 41-47. | 0.9 | 344 |
| 4 | Differential Use of CREB Binding Protein-Coactivator Complexes. <i>Science</i> , 1998, 279, 700-703. | 12.6 | 216 |
| 5 | Pax3: A paired domain gene as a regulator in PNS myelination. <i>Neuron</i> , 1995, 15, 553-562. | 8.1 | 154 |
| 6 | Pax6 is essential for establishing ventral-dorsal cell boundaries in pituitary gland development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 14378-14382. | 7.1 | 148 |
| 7 | Regulated subset of G ₁ growth-control genes in response to derepression by the Wnt pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3245-3250. | 7.1 | 139 |
| 8 | Cranial muscle defects of Pitx2 mutants result from specification defects in the first branchial arch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5907-5912. | 7.1 | 114 |
| 9 | Selenoprotein W during development and oxidative stress. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1679-1684. | 3.5 | 101 |
| 10 | Barx2, a new homeobox gene of the Bar class, is expressed in neural and craniofacial structures during development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2632-2637. | 7.1 | 97 |
| 11 | Pharyngeal mesoderm regulatory network controls cardiac and head muscle morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18839-18844. | 7.1 | 89 |
| 12 | Mouse Deformed epidermal autoregulatory factor 1 recruits a LIM domain factor, LMO-4, and CLIM coregulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15418-15423. | 7.1 | 88 |
| 13 | A model for the development of the hypothalamic-pituitary axis: transcribing the hypophysis. <i>Mechanisms of Development</i> , 1999, 81, 23-35. | 1.7 | 81 |
| 14 | Differential gene regulatory networks in development and disease. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1013-1025. | 5.4 | 78 |
| 15 | Expression pattern of the homeodomain transcription factor Pitx2 during muscle development. <i>Gene Expression Patterns</i> , 2007, 7, 441-451. | 0.8 | 61 |
| 16 | Muscle development: Forming the head and trunk muscles. <i>Acta Histochemica</i> , 2008, 110, 97-108. | 1.8 | 58 |
| 17 | Ctip2/Bcl11b controls ameloblast formation during mammalian odontogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4278-4283. | 7.1 | 57 |
| 18 | Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. <i>Scientific Reports</i> , 2018, 8, 613. | 3.3 | 53 |

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|----|---|-----|-----------|
| 19 | Regulated Expression of Brachyury(T), NKX1.1 and PAX Genes in Embryoid Bodies. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 552-563. | 2.1 | 44 |
| 20 | A Chicken Ovalbumin Upstream Promoter Transcription Factor I (COUP-TFI) Complex Represses Expression of the Gene Encoding Tumor Necrosis Factor α -induced Protein 8 (TNFAIP8). <i>Journal of Biological Chemistry</i> , 2009, 284, 6156-6168. | 3.4 | 41 |
| 21 | Making of a Schwann. <i>Trends in Genetics</i> , 1996, 12, 84-86. | 6.7 | 38 |
| 22 | Selective Ablation of Ctip2/Bcl11b in Epidermal Keratinocytes Triggers Atopic Dermatitis-Like Skin Inflammatory Responses in Adult Mice. <i>PLoS ONE</i> , 2012, 7, e51262. | 2.5 | 36 |
| 23 | BCL11B Regulates Epithelial Proliferation and Asymmetric Development of the Mouse Mandibular Incisor. <i>PLoS ONE</i> , 2012, 7, e37670. | 2.5 | 27 |
| 24 | Expression of Endopeptidase-24.11 (Common Acute Lymphoblastic Leukaemia Antigen CD10) in the Sciatic Nerve of the Adult Rat After Lesion and During Regeneration. <i>European Journal of Neuroscience</i> , 1995, 7, 951-961. | 2.6 | 26 |
| 25 | Endopeptidase-24.11 is suppressed in myelin-forming but not in non-myelin-forming schwann cells during development of the rat sciatic nerve. <i>Neuroscience</i> , 1992, 50, 69-83. | 2.3 | 25 |
| 26 | To roll the eyes and snap a bite – function, development and evolution of craniofacial muscles. <i>Seminars in Cell and Developmental Biology</i> , 2019, 91, 31-44. | 5.0 | 25 |
| 27 | Pitx2-mediated cardiac outflow tract remodeling. <i>Developmental Dynamics</i> , 2013, 242, 456-468. | 1.8 | 22 |
| 28 | Vitamin E is necessary for zebrafish nervous system development. <i>Scientific Reports</i> , 2020, 10, 15028. | 3.3 | 22 |
| 29 | Pitx2-dependent Occupancy by Histone Deacetylases Is Associated with T-box Gene Regulation in Mammalian Abdominal Tissue. <i>Journal of Biological Chemistry</i> , 2010, 285, 11129-11142. | 3.4 | 20 |
| 30 | Xanthohumol ameliorates Diet-Induced Liver Dysfunction via Farnesoid X Receptor-Dependent and Independent Signaling. <i>Frontiers in Pharmacology</i> , 2021, 12, 643857. | 3.5 | 20 |
| 31 | Endopeptidase-24.11, a Cell-Surface Peptidase of Central Nervous System Neurons, Is Expressed by Schwann Cells in the Pig Peripheral Nervous System. <i>Journal of Neurochemistry</i> , 1991, 57, 431-440. | 3.9 | 19 |
| 32 | N-Methyl-D-aspartate Receptor Subunits Are Non-myosin Targets of Myosin Regulatory Light Chain. <i>Journal of Biological Chemistry</i> , 2009, 284, 1252-1266. | 3.4 | 17 |
| 33 | Targeting the Liver-Brain Axis with Hop-Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000341. | 3.3 | 17 |
| 34 | Pitx genes in development and disease. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4921-4938. | 5.4 | 17 |
| 35 | Regulation of Motility of Myogenic Cells in Filling Limb Muscle Anlagen by Pitx2. <i>PLoS ONE</i> , 2012, 7, e35822. | 2.5 | 17 |
| 36 | Gene Networks during Skeletal Myogenesis. <i>ISRN Developmental Biology</i> , 2013, 2013, 1-8. | 1.4 | 15 |

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|----|---|-----|-----------|
| 37 | Loss of Abdominal Muscle in Pitx2 Mutants Associated with Altered Axial Specification of Lateral Plate Mesoderm. PLoS ONE, 2012, 7, e42228. | 2.5 | 14 |
| 38 | Pitx2 Expression Promotes p21 Expression and Cell Cycle Exit in Neural Stem Cells. CNS and Neurological Disorders - Drug Targets, 2012, 11, 884-892. | 1.4 | 12 |
| 39 | Vitamin E Deficiency Disrupts Gene Expression Networks during Zebrafish Development. Nutrients, 2021, 13, 468. | 4.1 | 12 |
| 40 | Location, Location, Location: Signals in Muscle Specification. Journal of Developmental Biology, 2018, 6, 11. | 1.7 | 11 |
| 41 | How to Build Transcriptional Network Models of Mammalian Pattern Formation. PLoS ONE, 2008, 3, e2179. | 2.5 | 10 |
| 42 | FACS-Seq analysis of Pax3-derived cells identifies non-myogenic lineages in the embryonic forelimb. Scientific Reports, 2018, 8, 7670. | 3.3 | 10 |
| 43 | Prediction of active nodes in the transcriptional network of neural tube patterning. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18621-18626. | 7.1 | 9 |
| 44 | Prediction of gene network models in limb muscle precursors. Gene, 2012, 509, 16-23. | 2.2 | 8 |
| 45 | Localization of myosin II regulatory light chain in the cerebral vasculature. Acta Histochemica, 2008, 110, 172-177. | 1.8 | 6 |
| 46 | Immunohistochemistry and Detection of Proliferating Cells by BrdU. Methods in Molecular Biology, 2012, 887, 33-39. | 0.9 | 6 |
| 47 | Requirement of Pitx2 for skeletal muscle homeostasis. Developmental Biology, 2019, 445, 90-102. | 2.0 | 6 |
| 48 | Co-expression of myosin II regulatory light chain and the NMDAR1 subunit in neonatal and adult mouse brain. Brain Research Bulletin, 2007, 74, 439-451. | 3.0 | 5 |
| 49 | Prediction of regulatory networks in mouse abdominal wall. Gene, 2010, 469, 1-8. | 2.2 | 5 |
| 50 | Genome-wide mapping of chromatin state of mouse forelimbs. Open Access Bioinformatics, 2014, 6, 1. | 0.9 | 5 |
| 51 | MDR1 function is sensitive to the phosphorylation state of myosin regulatory light chain. Biochemical and Biophysical Research Communications, 2010, 398, 7-12. | 2.1 | 4 |
| 52 | Population-Specific Regulation of Chmp2b by Lbx1 during Onset of Synaptogenesis in Lateral Association Interneurons. PLoS ONE, 2012, 7, e48573. | 2.5 | 4 |
| 53 | Gene Expression Profiling of Skeletal Muscles. Genes, 2021, 12, 1718. | 2.4 | 4 |
| 54 | Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice. ACS Pharmacology and Translational Science, 2021, 4, 1782-1793. | 4.9 | 4 |

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|----|--|-----|-----------|
| 55 | Vitamin E is Necessary to Protect Neural Crest Cells in Developing Zebrafish Embryos. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa057_025. | 0.3 | 3 |
| 56 | Grp1-associated scaffold protein regulates skin homeostasis after ultraviolet irradiation. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 531-540. | 2.9 | 2 |
| 57 | Front Cover: Targeting the Liver-Brain Axis with Hop-Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2070034. | 3.3 | 2 |
| 58 | Selenoprotein W in development and oxidative stress. , 2006, , 135-140. | | 2 |
| 59 | Culturing and Differentiating Mouse Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1210, 1-8. | 0.9 | 2 |
| 60 | Determination of Gene Expression Patterns by In Situ Hybridization in Sections. <i>Methods in Molecular Biology</i> , 2012, 887, 23-31. | 0.9 | 2 |
| 61 | Determination of Gene Expression Patterns by Whole-Mount In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2012, 887, 15-22. | 0.9 | 1 |
| 62 | Mapping the chromatin state dynamics in myoblasts. <i>Gene Reports</i> , 2016, 3, 5-13. | 0.8 | 1 |
| 63 | Culturing and Manipulating. <i>Methods in Molecular Biology</i> , 2020, 2155, 1-9. | 0.9 | 1 |
| 64 | Double labeling of mRNA and protein markers in cultured embryoid bodies. <i>Cytotechnology</i> , 1994, 16, 11-16. | 0.3 | 0 |
| 65 | Phenotypic Screening of Drug Library in Actively Differentiating Mouse Embryonic Stem Cells. <i>Journal of Biomolecular Screening</i> , 2016, 21, 399-407. | 2.6 | 0 |
| 66 | Vitamin E Prevents Neurodevelopmental Defects in Zebrafish. <i>Free Radical Biology and Medicine</i> , 2020, 159, S116. | 2.9 | 0 |
| 67 | The role of the transcription factor BCL11B in the regulation of growth and asymmetric development of the mouse incisor. <i>FASEB Journal</i> , 2012, 26, 339.2. | 0.5 | 0 |
| 68 | Transcription factor BCL11B enforces asymmetric enamel-secreting cell development in the mouse incisor by bidirectional regulation of gene expression. <i>FASEB Journal</i> , 2013, 27, 1180.11. | 0.5 | 0 |