Chrissa Kioussi

List of Publications by Year
in descending order

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	Pitx genes in development and disease. Cellular and Molecular Life Sciences, 2021, 78, 4921-4938.	5.4	17
2	Xanthohumol ameliorates Diet-Induced Liver Dysfunction via Farnesoid X Receptor-Dependent and Independent Signaling. Frontiers in Pharmacology, 2021, 12, 643857.	3.5	20
3	Vitamin E Deficiency Disrupts Gene Expression Networks during Zebrafish Development. Nutrients, 2021, 13, 468.	4.1	12
4	Gene Expression Profiling of Skeletal Muscles. Genes, 2021, 12, 1718.	2.4	4
5	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
6	Vitamin E Prevents Neurodevelopmental Defects in Zebrafish. Free Radical Biology and Medicine, 2020, 159, S116.	2.9	0
7	Front Cover: Targeting the Liverâ€Brain Axis with Hopâ€Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. Molecular Nutrition and Food Research, 2020, 64, 2070034.	3.3	2
8	Vitamin E is necessary for zebrafish nervous system development. Scientific Reports, 2020, 10, 15028.	3.3	22
9	Vitamin E is Necessary to Protect Neural Crest Cells in Developing Zebrafish Embryos. Current Developments in Nutrition, 2020, 4, nzaa057_025.	0.3	3
10	Targeting the Liverâ€Brain Axis with Hopâ€Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. Molecular Nutrition and Food Research, 2020, 64, e2000341.	3.3	17
11	Culturing and Manipulating. Methods in Molecular Biology, 2020, 2155, 1-9.	0.9	1
12	Requirement of Pitx2 for skeletal muscle homeostasis. Developmental Biology, 2019, 445, 90-102.	2.0	6
13	To roll the eyes and snap a bite â€" function, development and evolution of craniofacial muscles. Seminars in Cell and Developmental Biology, 2019, 91, 31-44.	5.0	25
14	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. Scientific Reports, 2018, 8, 613.	3.3	53
15	Differential gene regulatory networks in development and disease. Cellular and Molecular Life Sciences, 2018, 75, 1013-1025.	5.4	78
16	FACS-Seq analysis of Pax3-derived cells identifies non-myogenic lineages in the embryonic forelimb. Scientific Reports, 2018, 8, 7670.	3.3	10
17	Location, Location, Location: Signals in Muscle Specification. Journal of Developmental Biology, 2018, 6, 11.	1.7	11
18	Mapping the chromatin state dynamics in myoblasts. Gene Reports, 2016, 3, 5-13.	0.8	1

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19	Phenotypic Screening of Drug Library in Actively Differentiating Mouse Embryonic Stem Cells. Journal of Biomolecular Screening, 2016, 21, 399-407.	2.6	0
20	Genome-wide mapping of chromatin state of mouse forelimbs. Open Access Bioinformatics, 2014, 6, 1.	0.9	5
21	Grp1-associated scaffold protein regulates skin homeostasis after ultraviolet irradiation. Photochemical and Photobiological Sciences, 2014, 13, 531-540.	2.9	2
22	Culturing and Differentiating Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2014, 1210, 1-8.	0.9	2
23	Pitx2â€mediated cardiac outflow tract remodeling. Developmental Dynamics, 2013, 242, 456-468.	1.8	22
24	Gene Networks during Skeletal Myogenesis. ISRN Developmental Biology, 2013, 2013, 1-8.	1.4	15
25	Transcription factor BCL11B enforces asymmetric enamelâ€secreting cell development in the mouse incisor by bidirectional regulation of gene expression. FASEB Journal, 2013, 27, 1180.11.	0.5	0
26	Pharyngeal mesoderm regulatory network controls cardiac and head muscle morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18839-18844.	7.1	89
27	Detection of Apoptosis by TUNEL Assay. Methods in Molecular Biology, 2012, 887, 41-47.	0.9	344
28	Immunohistochemistry and Detection of Proliferating Cells by BrdU. Methods in Molecular Biology, 2012, 887, 33-39.	0.9	6
29	Prediction of gene network models in limb muscle precursors. Gene, 2012, 509, 16-23.	2.2	8
30	Determination of Gene Expression Patterns by Whole-Mount In Situ Hybridization. Methods in Molecular Biology, 2012, 887, 15-22.	0.9	1
31	Loss of Abdominal Muscle in Pitx2 Mutants Associated with Altered Axial Specification of Lateral Plate Mesoderm. PLoS ONE, 2012, 7, e42228.	2.5	14
32	Population-Specific Regulation of Chmp2b by Lbx1 during Onset of Synaptogenesis in Lateral Association Interneurons. PLoS ONE, 2012, 7, e48573.	2.5	4
33	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
34	Determination of Gene Expression Patterns by In Situ Hybridization in Sections. Methods in Molecular Biology, 2012, 887, 23-31.	0.9	2
35	Regulation of Motility of Myogenic Cells in Filling Limb Muscle Anlagen by Pitx2. PLoS ONE, 2012, 7, e35822.	2.5	17
36	BCL11B Regulates Epithelial Proliferation and Asymmetric Development of the Mouse Mandibular Incisor. PLoS ONE, 2012, 7, e37670.	2.5	27

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37	Selective Ablation of Ctip2/Bcl11b in Epidermal Keratinocytes Triggers Atopic Dermatitis-Like Skin Inflammatory Responses in Adult Mice. PLoS ONE, 2012, 7, e51262.	2.5	36
38	The role of the transcription factor BCL11B in the regulation of growth and asymmetric development of the mouse incisor. FASEB Journal, 2012, 26, 339.2.	0.5	0
39	Pitx2-dependent Occupancy by Histone Deacetylases Is Associated with T-box Gene Regulation in Mammalian Abdominal Tissue. Journal of Biological Chemistry, 2010, 285, 11129-11142.	3.4	20
40	Prediction of regulatory networks in mouse abdominal wall. Gene, 2010, 469, 1-8.	2.2	5
41	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
42	Ctip2/Bcl11b controls ameloblast formation during mammalian odontogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4278-4283.	7.1	57
43	A Chicken Ovalbumin Upstream Promoter Transcription Factor I (COUP-TFI) Complex Represses Expression of the Gene Encoding Tumor Necrosis Factor Î±-induced Protein 8 (TNFAIP8). Journal of Biological Chemistry, 2009, 284, 6156-6168.	3.4	41
44	N-Methyl-D-aspartate Receptor Subunits Are Non-myosin Targets of Myosin Regulatory Light Chain. Journal of Biological Chemistry, 2009, 284, 1252-1266.	3.4	17
45	Muscle development: Forming the head and trunk muscles. Acta Histochemica, 2008, 110, 97-108.	1.8	58
46	Localization of myosin II regulatory light chain in the cerebral vasculature. Acta Histochemica, 2008, 110, 172-177.	1.8	6
47	How to Build Transcriptional Network Models of Mammalian Pattern Formation. PLoS ONE, 2008, 3, e2179.	2.5	10
48	Cranial muscle defects of Pitx2 mutants result from specification defects in the first branchial arch. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5907-5912.	7.1	114
49	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
50	Expression pattern of the homeodomain transcription factor Pitx2 during muscle development. Gene Expression Patterns, 2007, 7, 441-451.	0.8	61
51	Selenoprotein W during development and oxidative stress. Journal of Inorganic Biochemistry, 2006, 100, 1679-1684.	3.5	101
52	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
53	Selenoprotein W in development and oxidative stress. , 2006, , 135-140.		2
54	Regulated subset of G ₁ growth-control genes in response to derepression by the Wnt pathway. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3245-3250.	7.1	139

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55	Identification of a Wnt/Dvl/Î²-Catenin â†’ Pitx2 Pathway Mediating Cell-Type-Specific Proliferation during Development. Cell, 2002, 111, 673-685.	28.9	519
56	Pax6 is essential for establishing ventral-dorsal cell boundaries in pituitary gland development. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14378-14382.	7.1	148
57	Pitx2 regulates lung asymmetry, cardiac positioning and pituitary and tooth morphogenesis. Nature, 1999, 401, 279-282.	27.8	568
58	A model for the development of the hypothalamicâ€"pituitary axis: transcribing the hypophysis. Mechanisms of Development, 1999, 81, 23-35.	1.7	81
59	Differential Use of CREB Binding Protein-Coactivator Complexes. Science, 1998, 279, 700-703.	12.6	216
60	Mouse Deformed epidermal autoregulatory factor 1 recruits a LIM domain factor, LMO-4, and CLIM coregulators. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15418-15423.	7.1	88
61	Barx2, a new homeobox gene of the Bar class, is expressed in neural and craniofacial structures during development. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2632-2637.	7.1	97
62	Making of a Schwann. Trends in Genetics, 1996, 12, 84-86.	6.7	38
63	Expression of Endopeptidase-24.11 (Common Acute Lymphoblastic Leukaemia Antigen CDIO) in the Sciatic Nerve of the Adult Rat After Lesion and During Regeneration. European Journal of Neuroscience, 1995, 7, 951-961.	2.6	26
64	Pax3: A paired domain gene as a regulator in PNS myelination. Neuron, 1995, 15, 553-562.	8.1	154
65	Double labeling of mRNA and protein markers in cultured embryoid bodies. Cytotechnology, 1994, 16, 11-16.	0.3	0
66	Regulated Expression of Brachyury(T), NKX1.1 and PAX Genes in Embryoid Bodies. Biochemical and Biophysical Research Communications, 1994, 199, 552-563.	2.1	44
67	Endopeptidase-24.11 is suppressed in myelin-forming but not in non-myelin-forming schwann cells during development of the rat sciatic nerve. Neuroscience, 1992, 50, 69-83.	2.3	25
68	Endopeptidase-24.11, a Cell-Surface Peptidace of Central Nervous System Neurons, Is Expressed by Schwann Cells in the Pig Peripheral Nervous System. Journal of Neurochemistry, 1991, 57, 431-440.	3.9	19