AimÃ©e Zuniga

List of Publications by Year
in descending order

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Version: 2024-02-01

39 papers	4,490 citations	257450 24 h-index	315739 38 g-index
44 all docs	44 docs citations	44 times ranked	5223 citing authors

#	Article	IF	Citations
1	Spatial regulation by multiple Gremlin1 enhancers provides digit development with cis-regulatory robustness and evolutionary plasticity. Nature Communications, 2021, 12, 5557.	12.8	17
2	Conserved and species-specific chromatin remodeling and regulatory dynamics during mouse and chicken limb bud development. Nature Communications, 2021, 12, 5685.	12.8	6
3	SMAD4 target genes are part of a transcriptional network that integrates the response to BMP and SHH signaling during early limb bud patterning. Development (Cambridge), 2021, 148, .	2.5	4
4	Dynamic and self-regulatory interactions among gene regulatory networks control vertebrate limb bud morphogenesis. Current Topics in Developmental Biology, 2020, 139, 61-88.	2.2	24
5	Gli3 utilizes Hand2 to synergistically regulate tissue-specific transcriptional networks. ELife, 2020, 9, .	6.0	15
6	Molecular signatures identify immature mesenchymal progenitors in early mouse limb buds that respond differentially to morphogen signaling. Development (Cambridge), 2019, 146, .	2.5	29
7	TGFÎ²-facilitated optic fissure fusion and the role of bone morphogenetic protein antagonism. Open Biology, 2018, 8, .	3.6	28
8	HAND2 Target Gene Regulatory Networks Control Atrioventricular Canal and Cardiac Valve Development. Cell Reports, 2017, 19, 1602-1613.	6.4	50
9	Serpine2/PN-1 Is Required for Proliferative Expansion of Pre-Neoplastic Lesions and Malignant Progression to Medulloblastoma. PLoS ONE, 2015, 10, e0124870.	2.5	22
10	NDR Kinases Are Essential for Somitogenesis and Cardiac Looping during Mouse Embryonic Development. PLoS ONE, 2015, 10, e0136566.	2.5	23
11	Next generation limb development and evolution: old questions, new perspectives. Development (Cambridge), 2015, 142, 3810-3820.	2.5	119
12	To BMP or not to BMP during vertebrate limb bud development. Seminars in Cell and Developmental Biology, 2014, 32, 119-127.	5.0	38
13	In Turing's handsâ€"the making of digits. Science, 2014, 345, 516-517.	12.6	7
14	The hedgehog target Vlk genetically interacts with Gli3 to regulate chondrocyte differentiation during mouse long bone development. Differentiation, 2013, 85, 121-130.	1.9	22
15	Conserved cis-regulatory regions in a large genomic landscape control SHH and BMP-regulated Gremlin1expression in mouse limb buds. BMC Developmental Biology, 2012, 12, 23.	2.1	35
16	The molecular basis of human congenital limb malformations. Wiley Interdisciplinary Reviews: Developmental Biology, 2012, 1, 803-822.	5.9	42
17	SHH propagates distal limb bud development by enhancing CYP26B1-mediated retinoic acid clearance via AER-FGF signalling. Development (Cambridge), 2011, 138, 1913-1923.	2.5	90
18	Transcriptome analyses based on genetic screens for Pax3 myogenic targets in the mouse embryo. BMC Genomics, 2010, 11, 696.	2.8	41

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19	Formin1 disruption confers oligodactylism and alters Bmp signaling. Human Molecular Genetics, 2009, 18, 2472-2482.	2.9	45
20	A Self-Regulatory System of Interlinked Signaling Feedback Loops Controls Mouse Limb Patterning. Science, 2009, 323, 1050-1053.	12.6	181
21	Vertebrate limb bud development: moving towards integrative analysis of organogenesis. Nature Reviews Genetics, 2009, 10, 845-858.	16.3	391
22	Shh and Gremlin1 chromosomal landscapes in development and disease. Current Opinion in Genetics and Development, 2007, 17, 428-434.	3.3	13
23	Differential regulation of gene expression in the digit forming area of the mouse limb bud by SHH and gremlin 1/FGF-mediated epithelial-mesenchymal signalling. Development (Cambridge), 2006, 133, 3419-3428.	2.5	93
24	Limb Pattern Formation. , 2006, , 79-92.		0
25	Genetic interaction of Gli3 and Alx4 during limb development. International Journal of Developmental Biology, 2005, 49, 443-448.	0.6	27
26	Globalisation reaches gene regulation: the case for vertebrate limb development. Current Opinion in Genetics and Development, 2005, 15, 403-409.	3.3	6
27	Mouse limb deformity mutations disrupt a global control region within the large regulatory landscape required for Gremlin expression. Genes and Development, 2004, 18, 1553-1564.	5.9	131
28	Gremlin-mediated BMP antagonism induces the epithelial-mesenchymal feedback signaling controlling metanephric kidney and limb organogenesis. Development (Cambridge), 2004, 131, 3401-3410.	2.5	323
29	Synaptopodin-deficient mice lack a spine apparatus and show deficits in synaptic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10494-10499.	7.1	265
30	Progression of Vertebrate Limb Development Through SHH-Mediated Counteraction of GLI3. Science, 2002, 298, 827-830.	12.6	354
31	FGF2Signaling Is Required for the Development of Neuronal Circuits Regulating Blood Pressure. Circulation Research, 2002, 90, .	4.5	38
32	Mouse Twist is required for fibroblast growth factor-mediated epithelialâ€“mesenchymal signalling and cell survival during limb morphogenesis. Mechanisms of Development, 2002, 114, 51-59.	1.7	52
33	The short stature homeobox gene SHOX is involved in skeletal abnormalities in Turner syndrome. Human Molecular Genetics, 2000, 9, 695-702.	2.9	370
34	Signal relay by BMP antagonism controls the SHH/FGF4 feedback loop in vertebrate limb buds. Nature, 1999, 401, 598-602.	27.8	428
35	Formin defines a large family of morphoregulatory genes and functions in establishment of the polarising region. Cell and Tissue Research, 1999, 296, 85-93.	2.9	62
36	Dickkopf genes are co-ordinately expressed in mesodermal lineages. Mechanisms of Development, 1999, 87, 45-56.	1.7	186

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37	Rearrangements of the Cytoskeleton and Cell Contacts Induce Process Formation during Differentiation of Conditionally Immortalized Mouse Podocyte Cell Lines. Experimental Cell Research, 1997, 236, 248-258.	2.6	810
38	altFGF-2, A Novel ER-Associated FGF-2 Protein Isoform: Its Embryonic Distribution and Functional Analysis during Neural Tube Development. Developmental Biology, 1996, 180, 680-692.	2.0	20
39	Expression of Alternatively Spliced bFGF First Coding Exons and Antisense mRNAs during Chicken Embryogenesis. Developmental Biology, 1993, 157, 110-118.	2.0	81