

Nicoletta Bobola

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

735
citations

623734

14
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580821

25
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35
all docs

35
docs citations

35
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Hoxa2 Selectively Enhances Meis Binding to Change a Branchial Arch Ground State. <i>Developmental Cell</i> , 2015, 32, 265-277.	7.0	76
2	Mouse <i>Hoxa2</i> mutations provide a model for microtia and auricle duplication. <i>Development (Cambridge)</i> , 2013, 140, 4386-4397.	2.5	75
3	Genome-wide occupancy links Hoxa2 to Wnt β -catenin signaling in mouse embryonic development. <i>Nucleic Acids Research</i> , 2012, 40, 3990-4001.	14.5	71
4	An integrative transcriptomic atlas of organogenesis in human embryos. <i>ELife</i> , 2016, 5, .	6.0	61
5	Homeodomain proteins in action: similar DNA binding preferences, highly variable connectivity. <i>Current Opinion in Genetics and Development</i> , 2017, 43, 1-8.	3.3	41
6	Mesenchymal patterning by Hoxa2 requires blocking Fgf-dependent activation of Ptx1. <i>Development (Cambridge)</i> , 2003, 130, 3403-3414.	2.5	40
7	Hoxa2 downregulates Six2 in the neural crest-derived mesenchyme. <i>Development (Cambridge)</i> , 2005, 132, 469-478.	2.5	40
8	Six2 functions redundantly immediately downstream of Hoxa2. <i>Development (Cambridge)</i> , 2008, 135, 1463-1470.	2.5	39
9	Inactivation of Six2 in mouse identifies a novel genetic mechanism controlling development and growth of the cranial base. <i>Developmental Biology</i> , 2010, 344, 720-730.	2.0	38
10	Laser Capture and Deep Sequencing Reveals the Transcriptomic Programmes Regulating the Onset of Pancreas and Liver Differentiation in Human Embryos. <i>Stem Cell Reports</i> , 2017, 9, 1387-1394.	4.8	37
11	TALE factors use two distinct functional modes to control an essential zebrafish gene expression program. <i>ELife</i> , 2018, 7, .	6.0	31
12	HOX paralogs selectively convert binding of ubiquitous transcription factors into tissue-specific patterns of enhancer activation. <i>PLoS Genetics</i> , 2020, 16, e1009162.	3.5	23
13	Transient Activation of Meox1 Is an Early Component of the Gene Regulatory Network Downstream of Hoxa2. <i>Molecular and Cellular Biology</i> , 2011, 31, 1301-1308.	2.3	20
14	Epimorphin Alters the Inhibitory Effects of SOX9 on Mmp13 in Activated Hepatic Stellate Cells. <i>PLoS ONE</i> , 2014, 9, e100091.	2.5	19
15	Dynamic changes in the epigenomic landscape regulate human organogenesis and link to developmental disorders. <i>Nature Communications</i> , 2020, 11, 3920.	12.8	17
16	Diabetes Inhibits Gr-1+ Myeloid Cell Maturation via Cebpa Dereglulation. <i>Diabetes</i> , 2015, 64, 4184-4197.	0.6	14
17	A distal 594bp ECR specifies <i>Hmx1</i> expression in pinna and lateral facial morphogenesis and is regulated by Hox-Pbx-Meis. <i>Development (Cambridge)</i> , 2016, 143, 2582-92.	2.5	13
18	Uncovering tissue-specific binding features from differential deep learning. <i>Nucleic Acids Research</i> , 2020, 48, e27-e27.	14.5	13

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19	The spatial phenotype of genotypically distinct meningiomas demonstrate potential implications of the embryology of the meninges. <i>Oncogene</i> , 2021, 40, 875-884.	5.9	13
20	A tissue-specific, Gata6-driven transcriptional program instructs remodeling of the mature arterial tree. <i>ELife</i> , 2017, 6, .	6.0	13
21	Expressing Hoxa2 across the entire endochondral skeleton alters the shape of the skeletal template in a spatially restricted fashion. <i>Differentiation</i> , 2010, 79, 194-202.	1.9	11
22	Combinatorial action of NF- κ B and TALE at embryonic enhancers defines distinct gene expression programs during zygotic genome activation in zebrafish. <i>Developmental Biology</i> , 2020, 459, 161-180.	2.0	8
23	IGFBP5 is a potential regulator of craniofacial skeletogenesis. <i>Genesis</i> , 2008, 46, 52-59.	1.6	6
24	Chromatin Immunoprecipitation and Chromatin Immunoprecipitation with Massively Parallel Sequencing on Mouse Embryonic Tissue. <i>Methods in Molecular Biology</i> , 2014, 1196, 231-239.	0.9	5
25	Differential Distribution of the Ca (2+) Regulator Pcp4 in the Branchial Arches Is Regulated by Hoxa2. <i>PLoS ONE</i> , 2013, 8, e63160.	2.5	2
26	Molecular Characterization of HOXA2 and HOXA3 Binding Properties. <i>Journal of Developmental Biology</i> , 2021, 9, 55.	1.7	2
27	From DNA binding to transcriptional activation: Is the TALE complete?. <i>Journal of Cell Biology</i> , 2017, 216, 2603-2605.	5.2	1