Marie Kmita

List of Publications by Year
in descending order

26 papers	2,447 citations	430442 18 h-index	580395 25 g-index
29 all docs	29 docs citations	29 times ranked	2660 citing authors

#	Article	IF	Citations
1	Downâ€regulation of Grem1 expression in the distal limb mesoderm is a necessary precondition for phalanx development. Developmental Dynamics, 2021, , .	0.8	3
2	Phox2a Defines a Developmental Origin of the Anterolateral System in Mice and Humans. Cell Reports, 2020, 33, 108425.	2.9	35
3	Polycomb Repressive Complexes in Hox Gene Regulation: Silencing and Beyond. BioEssays, 2020, 42, e1900249.	1.2	21
4	Transcriptional Trajectories in Mouse Limb Buds Reveal the Transition from Anterior-Posterior to Proximal-Distal Patterning at Early Limb Bud Stage. Journal of Developmental Biology, 2020, 8, 31.	0.9	11
5	HOX13-dependent chromatin accessibility underlies the transition towards the digit development program. Nature Communications, 2020, 11, 2491.	5.8	40
6	PRC2-Associated Chromatin Contacts in the Developing Limb Reveal a Possible Mechanism for the Atypical Role of PRC2 in HoxA Gene Expression. Developmental Cell, 2019, 50, 184-196.e4.	3.1	30
7	Multifaceted Hoxa13 function in urogenital development underlies the Handâ€“Footâ€“Genital Syndrome. Human Molecular Genetics, 2019, 28, 1671-1681.	1.4	6
8	Insights on the role of hox genes in the emergence of the pentadactyl ground state. Genesis, 2018, 56, e23046.	0.8	10
9	The remote transcriptional control of Hox genes. International Journal of Developmental Biology, 2018, 62, 685-692.	0.3	7
10	Distal Limb Patterning Requires Modulation of cis-Regulatory Activities by HOX13. Cell Reports, 2016, 17, 2913-2926.	2.9	72
11	Evolution of Hoxa11 regulation in vertebrates is linked to the pentadactyl state. Nature, 2016, 539, 89-92.	13.7	67
12	A <scp>H</scp>oxa13:Cre mouse strain for conditional gene manipulation in developing limb, hindgut, and urogenital system. Genesis, 2015, 53, 366-376.	0.8	29
13	â€œSelfâ€regulation,â€•a new facet of Hox genes' function. Developmental Dynamics, 2014, 243, 182-191.	0.8	39
14	Decoupling the function of Hox and Shh in developing limb reveals multiple inputs of Hox genes on limb growth. Development (Cambridge), 2013, 140, 2130-2138.	1.2	44
15	Clustering of Tissue-Specific Sub-TADs Accompanies the Regulation of HoxA Genes in Developing Limbs. PLoS Genetics, 2013, 9, e1004018.	1.5	164
16	Recruitment of 5â€² Hoxa genes in the allantois is essential for proper extra-embryonic function in placental mammals. Development (Cambridge), 2012, 139, 731-739.	1.2	36
17	Hox Genes Regulate Digit Patterning by Controlling the Wavelength of a Turing-Type Mechanism. Science, 2012, 338, 1476-1480.	6.0	309
18	GLI3 Constrains Digit Number by Controlling Both Progenitor Proliferation and BMP-Dependent Exit to Chondrogenesis. Developmental Cell, 2012, 22, 837-848.	3.1	94

#	Article	IF	Citations
19	Regulatory constraints in the evolution of the tetrapod limb anteriorâ€“posterior polarity. Nature, 2006, 443, 985-988.	13.7	111
20	Early developmental arrest of mammalian limbs lacking HoxA/HoxD gene function. Nature, 2005, 435, 1113-1116.	13.7	238
21	A Dual Role for Hox Genes in Limb Anterior-Posterior Asymmetry. Science, 2004, 304, 1669-1672.	6.0	261
22	Organizing Axes in Time and Space; 25 Years of Colinear Tinkering. Science, 2003, 301, 331-333.	6.0	497
23	Evolutionary conserved sequences are required for the insulation of the vertebrateHoxdcomplex in neural cells. Development (Cambridge), 2002, 129, 5521-5528.	1.2	36
24	Serial deletions and duplications suggest a mechanism for the collinearity of Hoxd genes in limbs. Nature, 2002, 420, 145-150.	13.7	207
25	Targeted inversion of a polar silencer within the HoxD complex re-allocates domains of enhancer sharing. Nature Genetics, 2000, 26, 451-454.	9.4	74
26	PRC2-Dependent Tissue-Specific 3D Architecture in the Developing Limb Reveals a Possible Mechanism for the Atypical Role of PRC2 in Gene Activation. SSRN Electronic Journal, 0, , .	0.4	0