Edwina McGlinn

List of Publications by Year
in descending order

32 papers	1,953 citations	430874 18 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	3612 citing authors

#	Article	IF	Citations
1	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20651-20656.	7.1	412
2	miRNA malfunction causes spinal motor neuron disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13111-13116.	7.1	299
3	Fgf-Dependent Etv4/5 Activity Is Required for Posterior Restriction of Sonic hedgehog and Promoting Outgrowth of the Vertebrate Limb. Developmental Cell, 2009, 16, 600-606.	7.0	123
4	Extended exposure to Sonic hedgehog is required for patterning the posterior digits of the vertebrate limb. Developmental Biology, 2007, 308, 343-354.	2.0	120
5	Pax9 and Jagged1 act downstream of Gli3 in vertebrate limb development. Mechanisms of Development, 2005, 122, 1218-1233.	1.7	89
6	Deep conservation of the enhancer regulatory code in animals. Science, 2020, 370, .	12.6	89
7	Mechanistic insight into how Shh patterns the vertebrate limb. Current Opinion in Genetics and Development, 2006, 16, 426-432.	3.3	87
8	Smchd1 regulates long-range chromatin interactions on the inactive X chromosome and at Hox clusters. Nature Structural and Molecular Biology, 2018, 25, 766-777.	8.2	84
9	In ovo application of antagomiRs indicates a role for miR-196 in patterning the chick axial skeleton through Hox gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18610-18615.	7.1	80
10	The role of hedgehog signalling in tumorigenesis. Cancer Letters, 2001, 173, 1-7.	7.2	65
11	Independent regulation of vertebral number and vertebral identity by microRNA-196 paralogs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4884-93.	7.1	60
12	Autonomous and nonautonomous roles of Hedgehog signaling in regulating limb muscle formation. Genes and Development, 2012, 26, 2088-2102.	5.9	57
13	Patched 1 is a crucial determinant of asymmetry and digit number in the vertebrate limb. Development (Cambridge), 2009, 136, 3515-3524.	2.5	51
14	The Molecular Regulation of Vertebrate Limb Patterning. Current Topics in Developmental Biology, 2010, 90, 319-341.	2.2	37
15	Inactivation of Patched1 in the Mouse Limb Has Novel Inhibitory Effects on the Chondrogenic Program. Journal of Biological Chemistry, 2010, 285, 27967-27981.	3.4	32
16	The polarity protein Scrib mediates epidermal development and exerts a tumor suppressive function during skin carcinogenesis. Molecular Cancer, 2015, 14, 169.	19.2	31
17	Sequence variants ofDLC1 in colorectal and ovarian tumours. Human Mutation, 2000, 15, 156-165.	2.5	29
18	Expression of the NET family member Zfp503 is regulated by hedgehog and BMP signaling in the limb. Developmental Dynamics, 2008, 237, 1172-1182.	1.8	22

#	Article	IF	Citations
19	Evolution, Expression, and Developmental Function of Hox-Embedded miRNAs. Current Topics in Developmental Biology, 2012, 99, 31-57.	2.2	21
20	MicroRNA governs bistable cell differentiation and lineage segregation via a noncanonical feedback. Molecular Systems Biology, 2021, 17, e9945.	7.2	21
21	miR-196b target screen reveals mechanisms maintaining leukemia stemness with therapeutic potential. Journal of Experimental Medicine, 2018, 215, 2115-2136.	8.5	20
22	Detection of Gene Expression in Mouse Embryos and Tissue Sections. Methods in Molecular Biology, 2011, 770, 259-292.	0.9	17
23	The metalloendopeptidase gene Pitrm1 is regulated by hedgehog signaling in the developing mouse limb and is expressed in muscle progenitors. Developmental Dynamics, 2009, 238, 3175-3184.	1.8	16
24	Regulatory landscape of the Hox transcriptome. International Journal of Developmental Biology, 2018, 62, 693-704.	0.6	14
25	A Hox Code Defines Spinocerebellar Neuron Subtype Regionalization. Cell Reports, 2019, 29, 2408-2421.e4.	6.4	13
26	Building a Robust A-P Axis. Current Genomics, 2012, 13, 278-288.	1.6	11
27	Autopodial development is selectively impaired by misexpression of chordin-like 1 in the chick limb. Developmental Biology, 2013, 381, 159-169.	2.0	11
28	Detection of Gene and Protein Expression in Mouse Embryos and Tissue Sections. Methods in Molecular Biology, 2019, 1920, 183-218.	0.9	10
29	Breaking constraint of mammalian axial formulae. Nature Communications, 2022, 13, 243.	12.8	8
30	DLC1 is unlikely to be a primary target for deletions on chromosome arm 8p22 in head and neck squamous cell carcinoma. Cancer Letters, 2004, 209, 207-213.	7.2	7
31	Tmem26 Is Dynamically Expressed during Palate and Limb Development but Is Not Required for Embryonic Survival. PLoS ONE, 2011, 6, e25228.	2.5	6
32	Novel molecular mechanisms regulating Shh expression and limb patterning. FASEB Journal, 2007, 21, A199.	0.5	0