Marie-AndrÃ©e Akimenko

List of Publications by Year
in descending order

19	1,230	687363 13	839539 18
papers	citations	h-index	g-index

19	19	19	1314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Old questions, new tools, and some answers to the mystery of fin regeneration. Developmental Dynamics, 2003, 226, 190-201.	1.8	279
2	Scale development in fish: a review, with description of sonic hedgehog (shh) expression in the zebrafish (Danio rerio).. International Journal of Developmental Biology, 2004, 48, 233-247.	0.6	221
3	Bone patterning is altered in the regenerating zebrafish caudal fin after ectopic expression of sonic hedgehog and bmp2b or exposure to cyclopamine. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8713-8718.	7.1	177
4	Cell proliferation and movement during early fin regeneration in zebrafish. Developmental Dynamics, 2001, 221, 380-390.	1.8	128
5	Screen for genes differentially expressed during regeneration of the zebrafish caudal fin. Developmental Dynamics, 2004, 231, 527-541.	1.8	91
6	Specific craniofacial cartilage dysmorphogenesis coincides with a loss of dlx gene expression in retinoic acid-treated zebrafish embryos. Mechanisms of Development, 1997, 61, 23-36.	1.7	80
7	Evolution of Hoxa11 regulation in vertebrates is linked to the pentadactyl state. Nature, 2016, 539, 89-92.	27.8	67
8	Laser ablation of the sonic hedgehog-a-expressing cells during fin regeneration affects ray branching morphogenesis. Developmental Biology, 2012, 365, 424-433.	2.0	38
9	Effects of fin fold mesenchyme ablation on fin development in zebrafish. PLoS ONE, 2018, 13, e0192500.	2.5	27
10	A regulatory pathway involving retinoic acid and calcineurin demarcates and maintains joint cells and osteoblasts in the fin regenerate. Development (Cambridge), 2018, 145, .	2.5	24
11	Regeneration of breeding tubercles on zebrafish pectoral fins requires androgens and two waves of revascularization. Development (Cambridge), 2013, 140, 4323-4334.	2.5	23
12	Morphogen-based simulation model of ray growth and joint patterning during fin development and regeneration. Development (Cambridge), 2012, 139, 1188-1197.	2.5	22
13	Differential actinodin1 regulation in embryonic development and adult fin regeneration in Danio rerio. PLoS ONE, 2019, 14, e0216370.	2.5	16
14	Restrictions on the Importation of Zebrafish into Canada Associated with Spring Viremia of Carp Virus. Zebrafish, 2016, 13, S-153-S-163.	1.1	13
15	Inhibition of mmp13a during zebrafish fin regeneration disrupts fin growth, osteoblasts differentiation, and Laminin organization. Developmental Dynamics, 2020, 249, 187-198.	1.8	7
16	Cellular and Animal Models of Striated Muscle Laminopathies. Cells, 2019, 8, 291.	4.1	6
17	Protein Kinase C Alpha Cellular Distribution, Activity, and Proximity with Lamin A/C in Striated Muscle Laminopathies. Cells, 2020, 9, 2388.	4.1	6
18	A <scp>CRISPR</scp>/Cas9 zebrafish lamin A/C mutant model of muscular laminopathy. Developmental Dynamics, 2022, 251, 645-661.	1.8	5

#	Article	IF	Citations
19	Scales Radi(i)cally Remodel Sensory Axons and Vasculature. Developmental Cell, 2018, 46, 253-254.	7.0	0