Mikiko Tanaka

List of Publications by Year
in descending order

47	1,462	304743	330143
papers	citations	22 h-index	37 g-index

51	51	51	1926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental Oxygen is a Key Modulator of Development and Evolution: From Molecules to Ecology. BioEssays, 2020, 42, 2000025.	2.5	8
2	Regulation of the limb shape during the development of the Chinese softshell turtles. Evolution & Development, 2020, 22, 451-462.	2.0	7
3	Phenotypic plasticity in the mandibular morphology of Japanese macaques: captiveâ€“wild comparison. Royal Society Open Science, 2019, 6, 181382.	2.4	16
4	Ecology, Evolution and Development. Development Growth and Differentiation, 2019, 61, 3-4.	1.5	0
5	Environmental Oxygen Exposure Allows for the Evolution of Interdigital Cell Death in Limb Patterning. Developmental Cell, 2019, 50, 155-166.e4.	7.0	13
6	Evolution of the avian digital pattern. Scientific Reports, 2019, 9, 8560.	3.3	8
7	Cux2 refines the forelimb field by controlling expression ofRaldh2andHoxgenes. Biology Open, 2019, 8, .	1.2	6
8	Involvement of HGF/MET signaling in appendicular muscle development in cartilaginous fish. Development Growth and Differentiation, 2019, 61, 97-103.	1.5	7
9	Localization of Î²-Catenin and Islet in the Pelvic Fin Field in Zebrafish. Zoological Science, 2019, 36, 365.	0.7	0
10	Alterations in anteriorâ€“posterior patterning and its accompanying changes along the proximalâ€distal axis during the finâ€toâ€limb transition. Genesis, 2018, 56, e23053.	1.6	4
11	Modification of pectoral fins occurs during the larva-to-juvenile transition in the mudskipper (Periophthalmus modestus). Zoological Letters, 2018, 4, 23.	1.3	9
12	Expression patterns of Sema3A in developing amniote limbs: With reference to the diversification of peripheral nerve innervation. Development Growth and Differentiation, 2017, 59, 270-285.	1.5	4
13	Migratory appendicular muscles precursor cells in the common ancestor to all vertebrates. Nature Ecology and Evolution, 2017, 1, 1731-1736.	7.8	21
14	Transgene Introduction into the Chick Limb Bud by Electroporation. Methods in Molecular Biology, 2017, 1650, 203-208.	0.9	1
15	Developmental Mechanism of Limb Field Specification along the Anteriorâ€“Posterior Axis during Vertebrate Evolution. Journal of Developmental Biology, 2016, 4, 18.	1.7	16
16	PICCORO. Methods in Cell Biology, 2016, 135, 289-295.	1.1	4
17	The fin-to-limb transition as the re-organization of a Turing pattern. Nature Communications, 2016, 7, 11582.	12.8	80
18	Fins into limbs: Autopod acquisition and anterior elements reduction by modifying gene networks involving 5â€™Hox , Gli3 , and Shh. Developmental Biology, 2016, 413, 1-7.	2.0	33

#	Article	IF	Citations
19	Anterior migration of lateral plate mesodermal cells during embryogenesis of the pufferfish <scp>T</scp>akifugu niphobles: insight into the rostral positioning of pelvic fins. Journal of Anatomy, 2015, 227, 81-88.	1.5	6
20	A shift in anteriorâ€“posterior positional information underlies the fin-to-limb evolution. ELife, 2015, 4, .	6.0	46
21	Development of the lateral plate mesoderm in medaka <scp>O</scp>ryzias latipes and Nile tilapia <scp>O</scp>reochromis niloticus: insight into the diversification of pelvic fin position. Journal of Anatomy, 2014, 225, 659-674.	1.5	7
22	Dimeric combinations of MafB, cFos and cJun control the apoptosis-survival balance in limb morphogenesis. Development (Cambridge), 2014, 141, 2885-2894.	2.5	27
23	Molecular and evolutionary basis of limb field specification and limb initiation. Development Growth and Differentiation, 2013, 55, 149-163.	1.5	33
24	Blue Light-Mediated Manipulation of Transcription Factor Activity In Vivo. ACS Chemical Biology, 2013, 8, 2649-2653.	3.4	26
25	Acquisition of the paired fins: a view from the sequential evolution of the lateral plate mesoderm. Evolution & Development, 2012, 14, 412-420.	2.0	16
26	Evolution of motor innervation to vertebrate fins and limbs. Developmental Biology, 2011, 355, 164-172.	2.0	24
27	Photoporation of Biomolecules into Single Cells in Living Vertebrate Embryos Induced by a Femtosecond Laser Amplifier. PLoS ONE, 2011, 6, e27677.	2.5	31
28	Revealing the mechanisms of the rostral shift of pelvic fins among teleost fishes. Evolution & Development, 2011, 13, 382-390.	2.0	13
29	Development and evolution of the lateral plate mesoderm: Comparative analysis of amphioxus and lamprey with implications for the acquisition of paired fins. Developmental Biology, 2011, 359, 124-136.	2.0	57
30	Mechanisms of heart development in the Japanese lamprey, Lethenteron japonicum. Evolution & Development, 2010, 12, 34-44.	2.0	38
31	Allometric growth of the trunk leads to the rostral shift of the pelvic fin in teleost fishes. Developmental Biology, 2010, 347, 236-245.	2.0	33
32	Heterochronic Shift in Hox-Mediated Activation of Sonic hedgehog Leads to Morphological Changes during Fin Development. PLoS ONE, 2009, 4, e5121.	2.5	53
33	Mechanism of development of ionocytes rich in vacuolar-type H+-ATPase in the skin of zebrafish larvae. Developmental Biology, 2009, 329, 116-129.	2.0	69
34	Identification of four Engrailed genes in the Japanese lamprey, Lethenteron japonicum. Developmental Dynamics, 2008, 237, 1581-1589.	1.8	33
35	Early Palaeozoic dentine and patterned scales in the embryonic catshark tail. Biology Letters, 2008, 4, 87-90.	2.3	19
36	Possible involvement of SINEs in mammalian-specific brain formation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4220-4225.	7.1	177

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37	Identification and developmental expression of two Tbx1/10-related genes in the agnathan Lethenteron japonicum. Development Genes and Evolution, 2007, 217, 691-697.	0.9	19
38	The chicken talpid³ gene encodesa novel protein essentialfor Hedgehog signaling. Genes and Development, 2006, 20, 1365-1377.	5.9	112
39	Establishment of the Vertebrate Body Plan in Relation to Limb Formation. Zoological Science, 2005, 22, 1371-1371.	0.7	1
40	Developmental genetic basis for the evolution of pelvic fin loss in the pufferfish Takifugu rubripes. Developmental Biology, 2005, 281, 227-239.	2.0	69
41	Tbx18 and boundary formation in chick somite and wing development. Developmental Biology, 2004, 268, 470-480.	2.0	49
42	Expression of limb initiation genes and clues to the morphological diversification of threespine stickleback. Current Biology, 2003, 13, R951-R952.	3.9	62
43	Fin development in a cartilaginous fish and the origin of vertebrate limbs. Nature, 2002, 416, 527-531.	27.8	113
44	Fibroblast growth factor-induced gene expression and cartilage pattern formation in chick limb bud recombinants. Development Growth and Differentiation, 2001, 43, 165-175.	1.5	5
45	Apical ectodermal ridge induction by the transplantation of En-1-overexpressing ectoderm in chick limb bud. Development Growth and Differentiation, 1998, 40, 423-429.	1.5	17
46	Induction of Additional Limb at the Dorsalâ€“Ventral Boundary of a Chick Embryo. Developmental Biology, 1997, 182, 191-203.	2.0	29
47	Citral, an Inhibitor of Retinoic Acid Synthesis, Modifies Chick Limb Development. Developmental Biology, 1996, 175, 239-247.	2.0	39