

Joost M Woltering

List of Publications by Year in descending order

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27
papers

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361413

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citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic Acid Receptor Antagonists Inhibit miR-10a Expression and Block Metastatic Behavior of Pancreatic Cancer. <i>Gastroenterology</i> , 2009, 137, 2136-2145.e7.	1.3	229
2	The seahorse genome and the evolution of its specialized morphology. <i>Nature</i> , 2016, 540, 395-399.	27.8	186
3	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , 2020, 4, 841-852.	7.8	159
4	MiR-10 Represses HoxB1a and HoxB3a in Zebrafish. <i>PLoS ONE</i> , 2008, 3, e1396.	2.5	143
5	Conservation and Divergence of Regulatory Strategies at Hox Loci and the Origin of Tetrapod Digits. <i>PLoS Biology</i> , 2014, 12, e1001773.	5.6	137
6	Giant lungfish genome elucidates the conquest of land by vertebrates. <i>Nature</i> , 2021, 590, 284-289.	27.8	132
7	Axial patterning in snakes and caecilians: Evidence for an alternative interpretation of the Hox code. <i>Developmental Biology</i> , 2009, 332, 82-89.	2.0	131
8	Agouti-related peptide 2 facilitates convergent evolution of stripe patterns across cichlid fish radiations. <i>Science</i> , 2018, 362, 457-460.	12.6	131
9	The Origin of Digits: Expression Patterns versus Regulatory Mechanisms. <i>Developmental Cell</i> , 2010, 18, 526-532.	7.0	114
10	Role of a polymorphism in a Hox/Pax-responsive enhancer in the evolution of the vertebrate spine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10682-10686.	7.1	90
11	A role for HOX13 proteins in the regulatory switch between TADs at the <i>HoxD</i> locus. <i>Genes and Development</i> , 2016, 30, 1172-1186.	5.9	81
12	Extensive Polycistronism and Antisense Transcription in the Mammalian Hox Clusters. <i>PLoS ONE</i> , 2007, 2, e356.	2.5	78
13	Homeodomain to hexapeptide or PBC-interaction-domain distance: size apparently matters. <i>Trends in Genetics</i> , 2004, 20, 76-79.	6.7	61
14	Rapid and Parallel Adaptive Evolution of the Visual System of Neotropical Midas Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2017, 34, 2469-2485.	8.9	60
15	From Lizard to Snake; Behind the Evolution of an Extreme Body Plan. <i>Current Genomics</i> , 2012, 13, 289-299.	1.6	52
16	The zebrafish <i>hoxDb</i> cluster has been reduced to a single microRNA. <i>Nature Genetics</i> , 2006, 38, 601-602.	21.4	48
17	A position-dependent organisation of retinoid response elements is conserved in the vertebrate Hox clusters. <i>Trends in Genetics</i> , 2003, 19, 476-479.	6.7	38
18	YY1 Regulates the Neural Crest-associated slug Gene in <i>Xenopus laevis</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 46826-46834.	3.4	35

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19	The skeletal ontogeny of <i>Astatotilapia burtoni</i> – a direct-developing model system for the evolution and development of the teleost body plan. <i>BMC Developmental Biology</i> , 2018, 18, 8.	2.1	33
20	Sarcopterygian fin ontogeny elucidates the origin of hands with digits. <i>Science Advances</i> , 2020, 6, eabc3510.	10.3	28
21	MicroRNA Gene Regulation in Extremely Young and Parallel Adaptive Radiations of Crater Lake Cichlid Fish. <i>Molecular Biology and Evolution</i> , 2019, 36, 2498-2511.	8.9	24
22	Spiny and soft-rayed fin domains in acanthomorph fish are established through a BMP- <i>gremlin</i> - <i>shh</i> signaling network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
23	<i>Dbx2</i> regulation in limbs suggests inter-TAD sharing of enhancers. <i>Developmental Dynamics</i> , 2021, 250, 1280-1299.	1.8	14
24	Tetrapod axial evolution and developmental constraints; Empirical underpinning by a mouse model. <i>Mechanisms of Development</i> , 2015, 138, 64-72.	1.7	11
25	Lissamphibian limbs and the origins of tetrapod hox domains. <i>Developmental Biology</i> , 2019, 456, 138-144.	2.0	11
26	Conserved elements within open reading frames of mammalian Hox genes. <i>Journal of Biology</i> , 2009, 8, 17.	2.7	10
27	The phantoms of a high-seven - or - why do our thumbs stick out?. <i>Frontiers in Zoology</i> , 2015, 12, 23.	2.0	4