Joshua S Waxman

List of Publications by Year
in descending order

40 papers	1,565 citations	394421 19 h-index	315739 38 g-index
47 all docs	47 docs citations	47 times ranked	1873 citing authors

#	Article	IF	Citations
1	Zebrafish wnt8 Encodes Two Wnt8 Proteins on a Bicistronic Transcript and Is Required for Mesoderm and Neurectoderm Patterning. Developmental Cell, 2001, 1, 103-114.	7.0	313
2	Dapper, a Dishevelled-Associated Antagonist of Î²-Catenin and JNK Signaling, Is Required for Notochord Formation. Developmental Cell, 2002, 2, 449-461.	7.0	238
3	Hoxb5b Acts Downstream of Retinoic Acid Signaling in the Forelimb Field to Restrict Heart Field Potential in Zebrafish. Developmental Cell, 2008, 15, 923-934.	7.0	139
4	Zebrafish Dapper1 and Dapper2 play distinct roles in Wnt-mediated developmental processes. Development (Cambridge), 2004, 131, 5909-5921.	2.5	74
5	Comparison of the expression patterns of newly identified zebrafish retinoic acid and retinoid X receptors. Developmental Dynamics, 2007, 236, 587-595.	1.8	58
6	Depletion of Retinoic Acid Receptors Initiates a Novel Positive Feedback Mechanism that Promotes Teratogenic Increases in Retinoic Acid. PLoS Genetics, 2013, 9, e1003689.	3.5	52
7	Combinatorial roles for zebrafish retinoic acid receptors in the hindbrain, limbs and pharyngeal arches. Developmental Biology, 2009, 325, 60-70.	2.0	51
8	Increased Hox activity mimics the teratogenic effects of excess retinoic acid signaling. Developmental Dynamics, 2009, 238, 1207-1213.	1.8	49
9	Restraint of Fgf8 signaling by retinoic acid signaling is required for proper heart and forelimb formation. Developmental Biology, 2011, 358, 44-55.	2.0	41
10	Zebrafish retinoic acid receptors function as context-dependent transcriptional activators. Developmental Biology, 2011, 352, 128-140.	2.0	40
11	Cyp26 Enzymes Facilitate Second Heart Field Progenitor Addition and Maintenance of Ventricular Integrity. PLoS Biology, 2016, 14, e2000504.	5.6	38
12	Input overload: Contributions of retinoic acid signaling feedback mechanisms to heart development and teratogenesis. Developmental Dynamics, 2015, 244, 513-523.	1.8	36
13	Distinct phases of Wnt/Î²-catenin signaling direct cardiomyocyte formation in zebrafish. Developmental Biology, 2012, 361, 364-376.	2.0	34
14	Cyp26 enzymes are required to balance the cardiac and vascular lineages within the anterior lateral plate mesoderm. Development (Cambridge), 2014, 141, 1638-1648.	2.5	34
15	Excessive feedback of Cyp26a1 promotes cell non-autonomous loss of retinoic acid signaling. Developmental Biology, 2015, 405, 47-55.	2.0	34
16	Direct activation of chordoblasts by retinoic acid is required for segmented centra mineralization during zebrafish spine development. Development (Cambridge), 2018, 145, .	2.5	29
17	Transgenic retinoic acid sensor lines in zebrafish indicate regions of available embryonic retinoic acid. Developmental Dynamics, 2013, 242, 989-1000.	1.8	27
18	Retinoic acid and meiosis induction in adult versus embryonic gonads of medaka. Scientific Reports, 2016, 6, 34281.	3.3	27

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19	Nr2f1a balances atrial chamber and atrioventricular canal size via BMP signaling-independent and -dependent mechanisms. Developmental Biology, 2018, 434, 7-14.	2.0	24
20	Reiterative Mechanisms of Retinoic Acid Signaling during Vertebrate Heart Development. Journal of Developmental Biology, 2019, 7, 11.	1.7	23
21	Retinoic acid signaling restricts the size of the first heart field within the anterior lateral plate mesoderm. Developmental Biology, 2021, 473, 119-129.	2.0	22
22	Enhancing regeneration after acute kidney injury by promoting cellular dedifferentiation in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	21
23	Nr2f-dependent allocation of ventricular cardiomyocyte and pharyngeal muscle progenitors. PLoS Genetics, 2019, 15, e1007962.	3.5	21
24	Wnt signaling balances specification of the cardiac and pharyngeal muscle fields. Mechanisms of Development, 2017, 143, 32-41.	1.7	18
25	Rdh10a Provides a Conserved Critical Step in the Synthesis of Retinoic Acid during Zebrafish Embryogenesis. PLoS ONE, 2015, 10, e0138588.	2.5	17
26	HDAC1-mediated repression of the retinoic acid-responsive gene ripply3 promotes second heart field development. PLoS Genetics, 2019, 15, e1008165.	3.5	16
27	In Silico Identification and Experimental Validation of (âˆ’)-Muqubilin A, a Marine Norterpene Peroxide, as PPARÎ±/Î³-RXRÎ± Agonist and RARÎ± Positive Allosteric Modulator. Marine Drugs, 2019, 17, 110.	4.6	11
28	Pbx4 limits heart size and fosters arch artery formation through partitioning second heart field progenitors and restricting proliferation. Development (Cambridge), 2020, 147, .	2.5	10
29	Atrial and Sinoatrial Node Development in the Zebrafish Heart. Journal of Cardiovascular Development and Disease, 2021, 8, 15.	1.6	10
30	Regulation of the early expression patterns of the zebrafish Dishevelled-interacting proteins Dapper1 and Dapper2. Developmental Dynamics, 2005, 233, 194-200.	1.8	9
31	Retinoic Acid Signaling and Heart Development. Sub-Cellular Biochemistry, 2020, 95, 119-149.	2.4	8
32	Tcf7l1 proteins cell autonomously restrict cardiomyocyte and promote endothelial specification in zebrafish. Developmental Biology, 2013, 380, 199-210.	2.0	7
33	Elevated Hoxb5b Expands Vagal Neural Crest Pool and Blocks Enteric Neuronal Development in Zebrafish. Frontiers in Cell and Developmental Biology, 2021, 9, 803370.	3.7	7
34	Origin and evolutionary landscape of Nr2f transcription factors across Metazoa. PLoS ONE, 2021, 16, e0254282.	2.5	6
35	Retinoic acid negatively regulates dact3b expression in the hindbrain of zebrafish embryos. Gene Expression Patterns, 2014, 16, 122-129.	0.8	5
36	Patterning of vertebrate cardiac progenitor fields by retinoic acid signaling. Genesis, 2021, 59, e23458.	1.6	5

#	Article	IF	Citations
37	Somite morphogenesis is required for axial blood vessel formation during zebrafish embryogenesis. ELife, 2022, 11, .	6.0	5
38	Ccdc103 promotes myeloid cell proliferation and migration independent of motile cilia. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	4
39	Stx4 is required to regulate cardiomyocyte Ca2+ handling during vertebrate cardiac development. Human Genetics and Genomics Advances, 2022, 3, 100115.	1.7	1
40	John Morrill: Scientist, Educator, Friend (Nov. 20, 1929 - Aug. 9, 2010). Molecular Reproduction and Development, 2010, 77, n/a-n/a.	2.0	0