Richard I Dorsky

List of Publications by Year
in descending order

44 papers	3,406 citations	186265 28 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	3585 citing authors

#	Article	IF	Citations
1	Control of neural crest cell fate by the Wnt signalling pathway. Nature, 1998, 396, 370-373.	27.8	452
2	Xotch inhibits cell differentiation in the xenopus retina. Neuron, 1995, 14, 487-496.	8.1	285
3	A Transgenic Lef1/Î²-Catenin-Dependent Reporter Is Expressed in Spatially Restricted Domains throughout Zebrafish Development. Developmental Biology, 2002, 241, 229-237.	2.0	284
4	Regulation of neuronal diversity in the Xenopus retina by Delta signalling. Nature, 1997, 385, 67-70.	27.8	266
5	Xath5 Participates in a Network of bHLH Genes in the Developing Xenopus Retina. Neuron, 1997, 19, 981-994.	8.1	253
6	Wnt/Î²-Catenin Signaling Defines Organizing Centers that Orchestrate Growth and Differentiation of the Regenerating Zebrafish Caudal Fin. Cell Reports, 2014, 6, 467-481.	6.4	163
7	Twotcf3genes cooperate to pattern the zebrafish brain. Development (Cambridge), 2003, 130, 1937-1947.	2.5	137
8	Development of the hypothalamus: conservation, modification and innovation. Development (Cambridge), 2017, 144, 1588-1599.	2.5	122
9	Gata2b is a restricted early regulator of hemogenic endothelium in the zebrafish embryo. Development (Cambridge), 2015, 142, 1050-1061.	2.5	117
10	Canonical Wnt signaling through Lef1 is required for hypothalamic neurogenesis. Development (Cambridge), 2006, 133, 4451-4461.	2.5	102
11	Environmental signals and cell fate specification in premigratory neural crest. BioEssays, 2000, 22, 708-716.	2.5	100
12	XASH1, a Xenopus homolog of achaete-scute: a proneural gene in anterior regions of the vertebrate CNS. Mechanisms of Development, 1993, 40, 25-36.	1.7	92
13	Wnt Signaling Regulates Postembryonic Hypothalamic Progenitor Differentiation. Developmental Cell, 2012, 23, 624-636.	7.0	90
14	Wnt/ÃŸ-catenin signaling is required for radial glial neurogenesis following spinal cord injury. Developmental Biology, 2015, 403, 15-21.	2.0	85
15	Radial glial progenitors repair the zebrafish spinal cord following transection. Experimental Neurology, 2014, 256, 81-92.	4.1	68
16	Negative regulation of Vsx1 by its paralog Chx10/Vsx2 is conserved in the vertebrate retina. Brain Research, 2008, 1192, 99-113.	2.2	62
17	Hh and Wnt signaling regulate formation of olig2+ neurons in the zebrafish cerebellum. Developmental Biology, 2008, 318, 162-171.	2.0	56
18	Motor Behavior Mediated by Continuously Generated Dopaminergic Neurons in the Zebrafish Hypothalamus Recovers after Cell Ablation. Current Biology, 2016, 26, 263-269.	3.9	56

#	ARTICLE	IF	CITATIONS
19	Maternal and embryonic expression of zebrafish lef1. Mechanisms of Development, 1999, 86, 147-150.	1.7	53
20	<i>ZC4H2</i>, an XLID gene, is required for the generation of a specific subset of CNS interneurons. Human Molecular Genetics, 2015, 24, 4848-4861.	2.9	48
21	Canonical Wnt signaling is required for the maintenance of dorsal retinal identity. Development (Cambridge), 2008, 135, 4101-4111.	2.5	46
22	A toolbox to study epidermal cell types in zebrafish. Journal of Cell Science, 2017, 130, 269-277.	2.0	46
23	Proliferation and patterning are mediated independently in the dorsal spinal cord downstream of canonical Wnt signaling. Developmental Biology, 2008, 313, 398-407.	2.0	44
24	Regulation and function of <i>Dbx</i> genes in the zebrafish spinal cord. Developmental Dynamics, 2007, 236, 3472-3483.	1.8	41
25	Identification of Wnt Genes Expressed in Neural Progenitor Zones during Zebrafish Brain Development. PLoS ONE, 2015, 10, e0145810.	2.5	37
26	Identification of Wnt-Responsive Cells in the Zebrafish Hypothalamus. Zebrafish, 2009, 6, 49-58.	1.1	36
27	Tcf3 inhibits spinal cord neurogenesis by regulating<i>sox4a</i>expression. Development (Cambridge), 2009, 136, 781-789.	2.5	36
28	Expression pattern of zebrafishtcf7 suggests unexplored domains of Wnt/?-catenin activity. Developmental Dynamics, 2005, 233, 233-239.	1.8	33
29	Lef1-dependent hypothalamic neurogenesis inhibits anxiety. PLoS Biology, 2017, 15, e2002257.	5.6	31
30	Inductive competence, its significance in retinal cell fate determination and a role for Deltaâ€"Notch signaling. Seminars in Cell and Developmental Biology, 1998, 9, 241-247.	5.0	29
31	Hypothalamic radial glia function as self-renewing neural progenitors in the absence of Wnt/ÃŸ-catenin signaling. Development (Cambridge), 2015, 143, 45-53.	2.5	25
32	Highâ€resolution analysis of central nervous system expression patterns in zebrafish Gal4 enhancerâ€trap lines. Developmental Dynamics, 2015, 244, 785-796.	1.8	19
33	Dimerized Glycosaminoglycan Chains Increase FGF Signaling during Zebrafish Development. ACS Chemical Biology, 2013, 8, 939-948.	3.4	17
34	Bsx Is Essential for Differentiation of Multiple Neuromodulatory Cell Populations in the Secondary Prosencephalon. Frontiers in Neuroscience, 2020, 14, 525.	2.8	15
35	Intrauterine Growth Restriction Causes Abnormal Embryonic Dentate Gyrus Neurogenesis in Mouse Offspring That Leads to Adult Learning and Memory Deficits. ENeuro, 2021, 8, ENEURO.0062-21.2021.	1.9	13
36	Extraocular ectoderm triggers dorsal retinal fate during optic vesicle evagination in zebrafish. Developmental Biology, 2012, 371, 57-65.	2.0	11

#	Article	IF	Citations
37	Spinal Cord Transection in the Larval Zebrafish. Journal of Visualized Experiments, 2014, , .	0.3	11
38	Tcf7l1 is required for spinal cord progenitor maintenance. Developmental Dynamics, 2011, 240, 2256-2264.	1.8	10
39	Regenerated interneurons integrate into locomotor circuitry following spinal cord injury. Experimental Neurology, 2021, 342, 113737.	4.1	10
40	Chromosomal position mediates spinal cord expression of a <i>dbx1a</i> enhancer. Developmental Dynamics, 2009, 238, 2929-2935.	1.8	2
41	Neural Patterning and CNS Functions of Wnt in Zebrafish. Methods in Molecular Biology, 2008, 469, 301-315.	0.9	2
42	The wide world of Wnts. Development (Cambridge), 2007, 134, 4307-4308.	2.5	0
43	Zebrafish as models for developmental disease & repair. Developmental Dynamics, 2017, 246, 867-867.	1.8	0
44	A transgene targeted to the zebrafish nkx2.4b locus drives specific green fluorescent protein expression and disrupts thyroid development. Developmental Dynamics, 2020, 249, 1387-1393.	1.8	0