

Patrick Blader

List of Publications by Year in descending order

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57
papers

3,302
citations

186265

28
h-index

155660

55
g-index

66
all docs

66
docs citations

66
times ranked

3761
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing small ribosomal subunit RNA helix 45 acetylation across eukaryotic evolution. <i>Nucleic Acids Research</i> , 2022, 50, 6284-6299.	14.5	21
2	Amniotic fluid peptides predict postnatal kidney survival in developmental kidney disease. <i>Kidney International</i> , 2021, 99, 737-749.	5.2	15
3	Mapping of the amniotic fluid proteome of fetuses with congenital anomalies of the kidney and urinary tract identifies plastin 3 as a protein involved in glomerular integrity. <i>Journal of Pathology</i> , 2021, 254, 575-588.	4.5	4
4	When Bigger Is Better: 3D RNA Profiling of the Developing Head in the Catshark <i>Scyliorhinus canicula</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 744982.	3.7	3
5	The low affinity p75 neurotrophin receptor is down-regulated in congenital anomalies of the kidney and the urinary tract: Possible involvement in early nephrogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 786-791.	2.1	3
6	Morphogenesis is transcriptionally coupled to neurogenesis during peripheral olfactory organ development. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	6
7	Functional heterogeneity in the pineal projection neurons of zebrafish. <i>Molecular and Cellular Neurosciences</i> , 2020, 103, 103468.	2.2	7
8	A Notch-mediated, temporal asymmetry in BMP pathway activation promotes photoreceptor subtype diversification. <i>PLoS Biology</i> , 2019, 17, e2006250.	5.6	12
9	Notch signaling restricts FGF pathway activation in parapineal cells to promote their collective migration. <i>ELife</i> , 2019, 8, .	6.0	4
10	Sox1a mediates the ability of the parapineal to impart habenular left-right asymmetry. <i>ELife</i> , 2019, 8, .	6.0	14
11	Left/right asymmetric collective migration of parapineal cells is mediated by focal FGF signaling activity in leading cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9812-E9821.	7.1	16
12	Pitx2c orchestrates embryonic axis extension via mesendodermal cell migration. <i>ELife</i> , 2018, 7, .	6.0	8
13	Cell-type heterogeneity in the early zebrafish olfactory epithelium is generated from progenitors within preplacodal ectoderm. <i>ELife</i> , 2018, 7, .	6.0	32
14	Sox10 contributes to the balance of fate choice in dorsal root ganglion progenitors. <i>PLoS ONE</i> , 2017, 12, e0172947.	2.5	24
15	Pioneer neurog1 expressing cells ingress into the otic epithelium and instruct neuronal specification. <i>ELife</i> , 2017, 6, .	6.0	11
16	Patterning, morphogenesis, and neurogenesis of zebrafish cranial sensory placodes. <i>Methods in Cell Biology</i> , 2016, 134, 33-67.	1.1	9
17	Habenular Neurogenesis in Zebrafish Is Regulated by a Hedgehog, Pax6 Proneural Gene Cascade. <i>PLoS ONE</i> , 2016, 11, e0158210.	2.5	16
18	Asymmetry of the Brain: Development and Implications. <i>Annual Review of Genetics</i> , 2015, 49, 647-672.	7.6	153

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19	Tcf7l2 Is Required for Left-Right Asymmetric Differentiation of Habenular Neurons. <i>Current Biology</i> , 2014, 24, 2217-2227.	3.9	52
20	Pitx2c ensures habenular asymmetry by restricting parapineal cell number. <i>Development (Cambridge)</i> , 2014, 141, 1572-1579.	2.5	21
21	Interhemispheric asymmetry of olfactory input-dependent neuronal specification in the adult brain. <i>Nature Neuroscience</i> , 2013, 16, 884-888.	14.8	13
22	Breaking symmetry: The zebrafish as a model for understanding left-right asymmetry in the developing brain. <i>Developmental Neurobiology</i> , 2012, 72, 269-281.	3.0	82
23	A cluster of non-redundant Ngn1 binding sites is required for regulation of deltaA expression in zebrafish. <i>Developmental Biology</i> , 2011, 350, 198-207.	2.0	28
24	Partially redundant proneural function reveals the importance of timing during zebrafish olfactory neurogenesis. <i>Development (Cambridge)</i> , 2011, 138, 4753-4762.	2.5	22
25	BMP signaling orchestrates photoreceptor specification in the zebrafish pineal gland in collaboration with Notch. <i>Development (Cambridge)</i> , 2011, 138, 2293-2302.	2.5	24
26	Notch Activity Levels Control the Balance between Quiescence and Recruitment of Adult Neural Stem Cells. <i>Journal of Neuroscience</i> , 2010, 30, 7961-7974.	3.6	247
27	Nodal signalling imposes left-right asymmetry upon neurogenesis in the habenular nuclei. <i>Development (Cambridge)</i> , 2009, 136, 1549-1557.	2.5	76
28	Notch activity in the nervous system: to switch or not switch?. <i>Neural Development</i> , 2009, 4, 36.	2.4	107
29	Notch resolves mixed neural identities in the zebrafish epiphysis. <i>Development (Cambridge)</i> , 2008, 135, 2391-2401.	2.5	25
30	Validating in utero electroporation for the rapid analysis of gene regulatory elements in the murine telencephalon. <i>Developmental Dynamics</i> , 2007, 236, 1273-1286.	1.8	48
31	Mechano-sensory organ regeneration in adults: The zebrafish lateral line as a model. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 180-187.	2.2	53
32	Divergence in regulation of the PEA3 family of ETS transcription factors. <i>Gene Expression Patterns</i> , 2006, 6, 777-782.	0.8	19
33	A direct role for Sox10 in specification of neural crest-derived sensory neurons. <i>Development (Cambridge)</i> , 2006, 133, 4619-4630.	2.5	267
34	Mutation in the Î² subunit of the nAChR suppresses the muscle defects caused by lack of Dystrophin. <i>Developmental Dynamics</i> , 2005, 234, 1016-1025.	1.8	25
35	Assembly of Trigeminal Sensory Ganglia by Chemokine Signaling. <i>Neuron</i> , 2005, 47, 653-666.	8.1	86
36	her3, a zebrafish member of the hairy-E(spl) family, is repressed by Notch signalling. <i>Development (Cambridge)</i> , 2004, 131, 2957-2969.	2.5	55

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37	Conserved and acquired features of neurogenin1 regulation. <i>Development (Cambridge)</i> , 2004, 131, 5627-5637.	2.5	59
38	Parapineal specific expression of <i>gf1</i> in the zebrafish epithalamus. <i>Gene Expression Patterns</i> , 2004, 4, 53-57.	0.8	36
39	Cyclops-independent floor plate differentiation in zebrafish embryos. <i>Developmental Dynamics</i> , 2003, 226, 59-66.	1.8	19
40	Multiple regulatory elements with spatially and temporally distinct activities control neurogenin1 expression in primary neurons of the zebrafish embryo. <i>Mechanisms of Development</i> , 2003, 120, 211-218.	1.7	163
41	A Floor Plate Enhancer of the Zebrafish <i>netrin1</i> Gene Requires Cyclops (Nodal) Signalling and the Winged Helix Transcription Factor <i>FoxA2</i> . <i>Developmental Biology</i> , 2002, 252, 1-14.	2.0	42
42	Search for enhancers: teleost models in comparative genomic and transgenic analysis of cisregulatory elements. <i>BioEssays</i> , 2002, 24, 564-572.	2.5	80
43	Identification of nodal signaling targets by array analysis of induced complex probes. <i>Developmental Dynamics</i> , 2001, 222, 571-580.	1.8	31
44	Oh, for some simple guidance. <i>Trends in Genetics</i> , 2000, 16, 486.	6.7	0
45	Zebrafish developmental genetics and central nervous system development. <i>Human Molecular Genetics</i> , 2000, 9, 945-951.	2.9	61
46	Characterization of zebrafish <i>smad1</i> , <i>smad2</i> and <i>smad5</i> : the amino-terminus of <i>Smad1</i> and <i>Smad5</i> is required for specific function in the embryo. <i>Mechanisms of Development</i> , 1999, 88, 73-88.	1.7	43
47	Casting an eye over cyclopia. <i>Nature</i> , 1998, 395, 112-113.	27.8	18
48	Chapter 7: Strategies to Perturb Zebrafish Development. <i>Methods in Cell Biology</i> , 1998, 59, 87-115.	1.1	23
49	Ethanol Impairs Migration of the Prechordal Plate in the Zebrafish Embryo. <i>Developmental Biology</i> , 1998, 201, 185-201.	2.0	164
50	Cleavage of the BMP-4 Antagonist Chordin by Zebrafish Tolloid. <i>Science</i> , 1997, 278, 1937-1940.	12.6	187
51	Expression and regulation of a <i>netrin</i> homologue in the zebrafish embryo. <i>Mechanisms of Development</i> , 1997, 62, 147-160.	1.7	92
52	Axial (<i>HNF3β</i>) and retinoic acid receptors are regulators of the zebrafish sonic hedgehog promoter. <i>EMBO Journal</i> , 1997, 16, 3955-3964.	7.8	97
53	<i>one-eyed pinhead</i> is required for development of the ventral midline of the zebrafish (<i>Danio rerio</i>). <i>Development</i> , 1997, 124, 107-114.	2.8	90
54	Three Wnt genes expressed in a wide variety of tissues during development of the zebrafish, <i>Danio rerio</i> : developmental and evolutionary perspectives. <i>Development Genes and Evolution</i> , 1996, 206, 3-13.	0.9	36

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55	Early neurogenesis in the zebrafish embryo. FASEB Journal, 1994, 8, 692-698.	0.5	43
56	A simple and efficient procedure for non-isotopic in situ hybridization to sectioned material. Trends in Genetics, 1994, 10, 75-76.	6.7	135
57	Axial, a zebrafish gene expressed along the developing body axis, shows altered expression in cyclops mutant embryos.. Genes and Development, 1993, 7, 1436-1446.	5.9	274