

Benjamin M Hogan

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

4,104
citations

101543

36
h-index

128289

60
g-index

88
all docs

88
docs citations

88
times ranked

4721
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pkd1</i> and <i>Wnt5a</i> genetically interact to control lymphatic vascular morphogenesis in mice. <i>Developmental Dynamics</i> , 2022, 251, 336-349.	1.8	3
2	<i>mafba</i> and <i>mafbb</i> differentially regulate lymphatic endothelial cell migration in topographically distinct manners. <i>Cell Reports</i> , 2022, 39, 110982.	6.4	6
3	Network patterning, morphogenesis and growth in lymphatic vascular development. <i>Current Topics in Developmental Biology</i> , 2021, 143, 151-204.	2.2	3
4	Lymphatics and the Brain. <i>Circulation Research</i> , 2021, 128, 59-61.	4.5	4
5	The zebrafish <i>grime</i> mutant uncovers an evolutionarily conserved role for <i>Tmem161b</i> in the control of cardiac rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
6	Mechanotransduction activates RhoA in the neighbors of apoptotic epithelial cells to engage apical extrusion. <i>Current Biology</i> , 2021, 31, 1326-1336.e5.	3.9	45
7	Live-imaging of endothelial Erk activity reveals dynamic and sequential signalling events during regenerative angiogenesis. <i>ELife</i> , 2021, 10, .	6.0	24
8	3,4-Difluorobenzocurcumin Inhibits Vegfc-Vegfr3-Erk Signalling to Block Developmental Lymphangiogenesis in Zebrafish. <i>Pharmaceuticals</i> , 2021, 14, 614.	3.8	4
9	The RNA helicase <i>Ddx21</i> controls Vegfc-driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function. <i>Nature Cell Biology</i> , 2021, 23, 1136-1147.	10.3	17
10	Biallelic mutation of <i>FBXL7</i> suggests a novel form of Hennekam syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 189-194.	1.2	13
11	Endothelial Cell Dynamics in Vascular Development: Insights From Live-Imaging in Zebrafish. <i>Frontiers in Physiology</i> , 2020, 11, 842.	2.8	27
12	Localised <i>Collagen2a1</i> secretion supports lymphatic endothelial cell migration in the zebrafish embryo. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	7
13	<i>Src</i> kinases relax adherens junctions between the neighbors of apoptotic cells to permit apical extrusion. <i>Molecular Biology of the Cell</i> , 2020, 31, 2557-2569.	2.1	22
14	Deep conservation of the enhancer regulatory code in animals. <i>Science</i> , 2020, 370, .	12.6	89
15	<i>MAFB</i> modulates the maturation of lymphatic vascular networks in mice. <i>Developmental Dynamics</i> , 2020, 249, 1201-1216.	1.8	10
16	Atypical cadherin <i>FAT4</i> orchestrates lymphatic endothelial cell polarity in response to flow. <i>Journal of Clinical Investigation</i> , 2020, 130, 3315-3328.	8.2	40
17	Evolutionary Differences in the <i>Vegf/Vegfr</i> Code Reveal Organotypic Roles for the Endothelial Cell Receptor <i>Kdr</i> in Developmental Lymphangiogenesis. <i>Cell Reports</i> , 2019, 28, 2023-2036.e4.	6.4	23
18	<i>Vegfc/d</i> -dependent regulation of the lymphatic vasculature during cardiac regeneration is influenced by injury context. <i>Npj Regenerative Medicine</i> , 2019, 4, 18.	5.2	37

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19	The Alternative Splicing Regulator Nova2 Constrains Vascular Erk Signaling to Limit Specification of the Lymphatic Lineage. <i>Developmental Cell</i> , 2019, 49, 279-292.e5.	7.0	35
20	Zebrafish facial lymphatics develop through sequential addition of venous and non-venous progenitors. <i>EMBO Reports</i> , 2019, 20, .	4.5	46
21	Myosin Vb is required for correct trafficking of N-cadherin and cardiac chamber ballooning. <i>Developmental Dynamics</i> , 2019, 248, 284-295.	1.8	6
22	Peri-arterial specification of vascular mural cells from naïve mesenchyme requires Notch signaling. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	42
23	Yap1 promotes sprouting and proliferation of lymphatic progenitors downstream of Vegfc in the zebrafish trunk. <i>ELife</i> , 2019, 8, .	6.0	28
24	Notching a New Pathway in Vascular Flow Sensing. <i>Trends in Cell Biology</i> , 2018, 28, 173-175.	7.9	3
25	Brain drains: new insights into brain clearance pathways from lymphatic biology. <i>Journal of Molecular Medicine</i> , 2018, 96, 383-390.	3.9	33
26	Visualization and Tools for Analysis of Zebrafish Lymphatic Development. <i>Methods in Molecular Biology</i> , 2018, 1846, 55-70.	0.9	15
27	Junction-based lamellipodia drive endothelial cell rearrangements in vivo via a VE-cadherin-F-actin based oscillatory cell-cell interaction. <i>Nature Communications</i> , 2018, 9, 3545.	12.8	48
28	A blood capillary plexus-derived population of progenitor cells contributes to genesis of the dermal lymphatic vasculature during embryonic development. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	64
29	Nppa and Nppb act redundantly during zebrafish cardiac development to confine AVC marker expression and reduce cardiac jelly volume. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	35
30	Utilising polymorphisms to achieve allele-specific genome editing in zebrafish. <i>Biology Open</i> , 2017, 6, 125-131.	1.2	19
31	Tmem2 Regulates Embryonic Vegf Signaling by Controlling Hyaluronic Acid Turnover. <i>Developmental Cell</i> , 2017, 40, 123-136.	7.0	63
32	Vegfd modulates both angiogenesis and lymphangiogenesis during zebrafish embryonic development. <i>Development (Cambridge)</i> , 2017, 144, 507-518.	2.5	56
33	Tmem2 Regulates Embryonic Vegf Signaling by Controlling Hyaluronic Acid Turnover. <i>Developmental Cell</i> , 2017, 40, 421.	7.0	12
34	Mural lymphatic endothelial cells regulate meningeal angiogenesis in the zebrafish. <i>Nature Neuroscience</i> , 2017, 20, 774-783.	14.8	91
35	SoxF factors induce Notch1 expression via direct transcriptional regulation during early arterial development. <i>Development (Cambridge)</i> , 2017, 144, 2629-2639.	2.5	43
36	Genome-wide functional analysis reveals central signaling regulators of lymphatic endothelial cell migration and remodeling. <i>Science Signaling</i> , 2017, 10, .	3.6	37

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37	How to Plumb a Pisces: Understanding Vascular Development and Disease Using Zebrafish Embryos. <i>Developmental Cell</i> , 2017, 42, 567-583.	7.0	144
38	Live imaging molecular changes in junctional tension upon VE-cadherin in zebrafish. <i>Nature Communications</i> , 2017, 8, 1402.	12.8	73
39	Pharmacological targeting of the transcription factor SOX18 delays breast cancer in mice. <i>ELife</i> , 2017, 6, .	6.0	50
40	Expanding the genotypic spectrum of <i>CCBE1</i> mutations in Hennekam syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 2694-2697.	1.2	7
41	<i>Vegfa</i> signaling promotes zebrafish intestinal vasculature development through endothelial cell migration from the posterior cardinal vein. <i>Developmental Biology</i> , 2016, 411, 115-127.	2.0	46
42	Diversity in the lymphatic vasculature. <i>Nature</i> , 2015, 522, 37-38.	27.8	6
43	<i>Cep55</i> regulates embryonic growth and development by promoting Akt stability in zebrafish. <i>FASEB Journal</i> , 2015, 29, 1999-2009.	0.5	24
44	<i>Vegfc</i> Regulates Bipotential Precursor Division and <i>Prox1</i> Expression to Promote Lymphatic Identity in Zebrafish. <i>Cell Reports</i> , 2015, 13, 1828-1841.	6.4	118
45	Active contractility at E-cadherin junctions and its implications for cell extrusion in cancer. <i>Cell Cycle</i> , 2015, 14, 315-322.	2.6	39
46	<i>carbamoylâ€‘phosphate synthetase 2</i> , <i>aspartate transcarbamylase</i> , and <i>dihydroorotase</i> (<i>cad</i>) regulates Notch signaling and vascular development in zebrafish. <i>Developmental Dynamics</i> , 2015, 244, 1-9.	1.8	12
47	VE-cadherin in Vascular Development. <i>Current Topics in Developmental Biology</i> , 2015, 112, 325-352.	2.2	51
48	<i>mafba</i> is a downstream transcriptional effector of <i>Vegfc</i> signaling essential for embryonic lymphangiogenesis in zebrafish. <i>Genes and Development</i> , 2015, 29, 1618-1630.	5.9	63
49	ARHGAP18: an endogenous inhibitor of angiogenesis, limiting tip formation and stabilizing junctions. <i>Small GTPases</i> , 2014, 5, e975002.	1.6	35
50	<i>Ccbe1</i> regulates <i>Vegfc</i> -mediated induction of <i>Vegfr3</i> signaling during embryonic lymphangiogenesis. <i>Development (Cambridge)</i> , 2014, 141, 1239-1249.	2.5	145
51	Lymphatic vascular specification and its modulation during embryonic development. <i>Microvascular Research</i> , 2014, 96, 3-9.	2.5	3
52	<i>Vegfd</i> can compensate for loss of <i>Vegfc</i> in zebrafish facial lymphatic sprouting. <i>Development (Cambridge)</i> , 2014, 141, 2680-2690.	2.5	58
53	Endothelial cellâ€‘cell adhesion during zebrafish vascular development. <i>Cell Adhesion and Migration</i> , 2014, 8, 136-145.	2.7	10
54	<i>Arap3</i> is dysregulated in a mouse model of hypotrichosisâ€‘lymphedemaâ€‘telangiectasia and regulates lymphatic vascular development. <i>Human Molecular Genetics</i> , 2014, 23, 1286-1297.	2.9	36

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55	Pkd1 Regulates Lymphatic Vascular Morphogenesis during Development. <i>Cell Reports</i> , 2014, 7, 623-633.	6.4	77
56	VEGFD regulates blood vascular development by modulating SOX18 activity. <i>Blood</i> , 2014, 123, 1102-1112.	1.4	65
57	In vivo mutation of pre-mRNA processing factor 8 (Prpf8) affects transcript splicing, cell survival and myeloid differentiation. <i>FEBS Letters</i> , 2013, 587, 2150-2157.	2.8	52
58	Getting out and about: the emergence and morphogenesis of the vertebrate lymphatic vasculature. <i>Development (Cambridge)</i> , 2013, 140, 1857-1870.	2.5	121
59	Sox18 Genetically Interacts With VegfC to Regulate Lymphangiogenesis in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1238-1247.	2.4	38
60	The Wnt Receptor Ryk Plays a Role in Mammalian Planar Cell Polarity Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 29312-29323.	3.4	83
61	The Transcriptional Control of Lymphatic Vascular Development. <i>Physiology</i> , 2011, 26, 146-155.	3.1	49
62	Transmembrane protein 2 (Tmem2) is required to regionally restrict atrioventricular canal boundary and endocardial cushion development. <i>Development (Cambridge)</i> , 2011, 138, 4193-4198.	2.5	48
63	Zebrafish prox1b Mutants Develop a Lymphatic Vasculature, and prox1b Does Not Specifically Mark Lymphatic Endothelial Cells. <i>PLoS ONE</i> , 2011, 6, e28934.	2.5	27
64	Role of Delta-like-4/Notch in the Formation and Wiring of the Lymphatic Network in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1695-1702.	2.4	118
65	Vegfc/Flt4 signalling is suppressed by Dll4 in developing zebrafish intersegmental arteries. <i>Development (Cambridge)</i> , 2009, 136, 4001-4009.	2.5	205
66	Functional analyses of human and zebrafish 18-amino acid in-frame deletion pave the way for domain mapping of the cerebral cavernous malformation 3 protein. <i>Human Mutation</i> , 2009, 30, 1003-1011.	2.5	64
67	ccbe1 is required for embryonic lymphangiogenesis and venous sprouting. <i>Nature Genetics</i> , 2009, 41, 396-398.	21.4	409
68	Mutations in CCBE1 cause generalized lymph vessel dysplasia in humans. <i>Nature Genetics</i> , 2009, 41, 1272-1274.	21.4	269
69	Simple and Efficient Transgenesis with Meganuclease Constructs in Zebrafish. <i>Methods in Molecular Biology</i> , 2009, 546, 117-130.	0.9	66
70	Manipulation of Gene Expression During Zebrafish Embryonic Development Using Transient Approaches. <i>Methods in Molecular Biology</i> , 2008, 469, 273-300.	0.9	36
71	ccm1 cell autonomously regulates endothelial cellular morphogenesis and vascular tubulogenesis in zebrafish. <i>Human Molecular Genetics</i> , 2008, 17, 2424-2432.	2.9	100
72	CREB activity modulates neural cell proliferation, midbrain-hindbrain organization and patterning in zebrafish. <i>Developmental Biology</i> , 2007, 307, 127-141.	2.0	55

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73	Characterisation of duplicate zinc finger like 2 erythroid precursor genes in zebrafish. <i>Development Genes and Evolution</i> , 2006, 216, 523-529.	0.9	4
74	Specification of the Primitive Myeloid Precursor Pool Requires Signaling through Alk8 in Zebrafish. <i>Current Biology</i> , 2006, 16, 506-511.	3.9	47
75	Duplicate Zebrafish pth Genes Are Expressed along the Lateral Line and in the Central Nervous System during Embryogenesis. <i>Endocrinology</i> , 2005, 146, 547-551.	2.8	39
76	The Netrin receptor Neogenin is required for neural tube formation and somitogenesis in zebrafish. <i>Developmental Biology</i> , 2004, 269, 302-315.	2.0	55
77	Zebrafish gcm2 is required for gill filament budding from pharyngeal ectoderm. <i>Developmental Biology</i> , 2004, 276, 508-522.	2.0	55
78	Yan regulates Lozenge during Drosophila eye development. <i>Development Genes and Evolution</i> , 2002, 212, 267-276.	0.9	16