

Anne Karine Lagendijk

List of Publications by Year in descending order

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34
papers

2,097
citations

279701

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h-index

377752

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docs citations

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times ranked

3464
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Inhibition of miRNA Maturation with Morpholinos Reveals a Role for miR-375 in Pancreatic Islet Development. <i>PLoS Biology</i> , 2007, 5, e203.	2.6	416
2	Metastatic behaviour of primary human tumours in a zebrafish xenotransplantation model. <i>BMC Cancer</i> , 2009, 9, 128.	1.1	209
3	<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.	2.9	118
4	Macrophage development from HSCs requires PU.1-coordinated microRNA expression. <i>Blood</i> , 2011, 118, 2275-2284.	0.6	113
5	MicroRNA-23 Restricts Cardiac Valve Formation by Inhibiting <i>Has2</i> and Extracellular Hyaluronic Acid Production. <i>Circulation Research</i> , 2011, 109, 649-657.	2.0	108
6	A Nodal-independent and tissue-intrinsic mechanism controls heart-looping chirality. <i>Nature Communications</i> , 2013, 4, 2754.	5.8	102
7	Mural lymphatic endothelial cells regulate meningeal angiogenesis in the zebrafish. <i>Nature Neuroscience</i> , 2017, 20, 774-783.	7.1	91
8	Endothelial cells are not productively infected by SARS-CoV-2. <i>Clinical and Translational Immunology</i> , 2021, 10, e1350.	1.7	88
9	<i>Bmp</i> Signaling Exerts Opposite Effects on Cardiac Differentiation. <i>Circulation Research</i> , 2012, 110, 578-587.	2.0	83
10	Live imaging molecular changes in junctional tension upon VE-cadherin in zebrafish. <i>Nature Communications</i> , 2017, 8, 1402.	5.8	73
11	<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.	2.7	63
12	<i>Tmem2</i> Regulates Embryonic <i>Vegf</i> Signaling by Controlling Hyaluronic Acid Turnover. <i>Developmental Cell</i> , 2017, 40, 123-136.	3.1	63
13	VE-cadherin in Vascular Development. <i>Current Topics in Developmental Biology</i> , 2015, 112, 325-352.	1.0	51
14	Transmembrane protein 2 (<i>Tmem2</i>) is required to regionally restrict atrioventricular canal boundary and endocardial cushion development. <i>Development (Cambridge)</i> , 2011, 138, 4193-4198.	1.2	48
15	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.	5.8	48
16	Mechanotransduction activates RhoA in the neighbors of apoptotic epithelial cells to engage apical extrusion. <i>Current Biology</i> , 2021, 31, 1326-1336.e5.	1.8	45
17	Peri-arterial specification of vascular mural cells from naïve mesenchyme requires Notch signaling. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	42
18	Active contractility at E-cadherin junctions and its implications for cell extrusion in cancer. <i>Cell Cycle</i> , 2015, 14, 315-322.	1.3	39

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19	Normal formation of a vertebrate body plan and loss of tissue maintenance in the absence of <i>ezh2</i> . <i>Scientific Reports</i> , 2016, 6, 24658.	1.6	36
20	<i>Nppa</i> and <i>Nppb</i> act redundantly during zebrafish cardiac development to confine AVC marker expression and reduce cardiac jelly volume. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	35
21	The Alternative Splicing Regulator <i>Nova2</i> Constrains Vascular Erk Signaling to Limit Specification of the Lymphatic Lineage. <i>Developmental Cell</i> , 2019, 49, 279-292.e5.	3.1	35
22	Hyaluronan: A critical regulator of endothelial-to-mesenchymal transition during cardiac valve formation. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 135-142.	2.3	30
23	Missorting of the Aquaporin-2 mutant E258K to multivesicular bodies/lysosomes in dominant NDI is associated with its monoubiquitination and increased phosphorylation by PKC but is due to the loss of E258. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 455, 1041-1054.	1.3	27
24	Revealing details: whole mount microRNA <i>in situ</i> hybridization protocol for zebrafish embryos and adult tissues. <i>Biology Open</i> , 2012, 1, 566-569.	0.6	22
25	<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.	0.9	22
26	Polarisation, key to good localisation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1126-1133.	1.4	18
27	The RNA helicase <i>Ddx21</i> controls <i>Vegfc</i> -driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function. <i>Nature Cell Biology</i> , 2021, 23, 1136-1147.	4.6	17
28	Genetics of Congenital Heart Defects: A Candidate Gene Approach. <i>Trends in Cardiovascular Medicine</i> , 2010, 20, 124-128.	2.3	13
29	<i>Tmem2</i> Regulates Embryonic <i>Vegf</i> Signaling by Controlling Hyaluronic Acid Turnover. <i>Developmental Cell</i> , 2017, 40, 421.	3.1	12
30	Endothelial cell-cell adhesion during zebrafish vascular development. <i>Cell Adhesion and Migration</i> , 2014, 8, 136-145.	1.1	10
31	Localised <i>Collagen2a1</i> secretion supports lymphatic endothelial cell migration in the zebrafish embryo. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	7
32	On the robustness of germ cell migration and microRNA-mediated regulation of chemokine signaling. <i>Nature Genetics</i> , 2013, 45, 1264-1265.	9.4	5
33	Notching a New Pathway in Vascular Flow Sensing. <i>Trends in Cell Biology</i> , 2018, 28, 173-175.	3.6	3
34	<i>Pkd1</i> and <i>Wnt5a</i> genetically interact to control lymphatic vascular morphogenesis in mice. <i>Developmental Dynamics</i> , 2022, 251, 336-349.	0.8	3