

# Alice Davy

## List of Publications by Year in descending order

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33  
papers

3,035  
citations

361413

20  
h-index

414414

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

5112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of DHFR targets the self-renewing potential of brain tumor initiating cells. <i>Cancer Letters</i> , 2021, 503, 129-137.	7.2	12
2	Efnb2 haploinsufficiency induces early gap junction plaque disassembly and endocytosis in the cochlea. <i>Brain Research Bulletin</i> , 2021, 174, 153-160.	3.0	8
3	Population Dynamics and Neuronal Polyploidy in the Developing Neocortex. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa063.	1.6	6
4	Ephrin-B2 paces neuronal production in the developing neocortex. <i>BMC Developmental Biology</i> , 2020, 20, 12.	2.1	3
5	Impact of Metabolic Pathways and Epigenetics on Neural Stem Cells. <i>Epigenetics Insights</i> , 2018, 11, 251686571882094.	2.0	19
6	Cross Talk between One-Carbon Metabolism, Eph Signaling, and Histone Methylation Promotes Neural Stem Cell Differentiation. <i>Cell Reports</i> , 2018, 23, 2864-2873.e7.	6.4	34
7	Eph/Ephrin Signaling Controls Progenitor Identities In The Ventral Spinal Cord. <i>Neural Development</i> , 2017, 12, 10.	2.4	11
8	EPH-ective control of cytokinesis. <i>Cell Cycle</i> , 2017, 16, 241-242.	2.6	0
9	Eph-mediated tyrosine phosphorylation of citron kinase controls abscission. <i>Journal of Cell Biology</i> , 2016, 214, 555-569.	5.2	19
10	EphrinB2 sharpens lateral motor column division in the developing spinal cord. <i>Neural Development</i> , 2015, 10, 25.	2.4	7
11	Cochlear supporting cell transdifferentiation and integration into hair cell layers by inhibition of ephrin-B2 signalling. <i>Nature Communications</i> , 2015, 6, 7017.	12.8	26
12	Beyond boundariesâ€”Eph:ephrin signaling in neurogenesis. <i>Cell Adhesion and Migration</i> , 2014, 8, 349-359.	2.7	38
13	Cortical Abnormalities and Non-Spatial Learning Deficits in a Mouse Model of CranioFrontoNasal Syndrome. <i>PLoS ONE</i> , 2014, 9, e88325.	2.5	11
14	Eph:ephrin-B1 forward signaling controls fasciculation of sensory and motor axons. <i>Developmental Biology</i> , 2013, 383, 264-274.	2.0	27
15	Ephrin B1 maintains apical adhesion of neural progenitors. <i>Development (Cambridge)</i> , 2013, 140, 2082-2092.	2.5	56
16	Regulation and misregulation of Eph/ephrin expression. <i>Cell Adhesion and Migration</i> , 2012, 6, 131-137.	2.7	21
17	Ephrin-B1 Is a Novel Specific Component of the Lateral Membrane of the Cardiomyocyte and Is Essential for the Stability of Cardiac Tissue Architecture Cohesion. <i>Circulation Research</i> , 2012, 110, 688-700.	4.5	30
18	Generation of transgenic mice overexpressing EfnB2 in endothelial cells. <i>Genesis</i> , 2011, 49, 811-820.	1.6	4

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19	Ephrin-B2 controls VEGF-induced angiogenesis and lymphangiogenesis. <i>Nature</i> , 2010, 465, 483-486.	27.8	1,068
20	Ephrin-B1 Reverse Signaling Controls a Posttranscriptional Feedback Mechanism via miR-124. <i>Molecular and Cellular Biology</i> , 2010, 30, 2508-2517.	2.3	59
21	Distinct membrane compartmentalization and signaling of ephrin-A5 and ephrin-B1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 362-366.	2.1	16
22	Regulation of neural progenitor cell state by ephrin-B. <i>Journal of Cell Biology</i> , 2008, 181, 973-983.	5.2	71
23	Eph/ephrin signaling: networks. <i>Genes and Development</i> , 2008, 22, 416-429.	5.9	258
24	Ephrin-B2 forward signaling regulates somite patterning and neural crest cell development. <i>Developmental Biology</i> , 2007, 304, 182-193.	2.0	82
25	Ephrin-B interactions suppress colorectal cancer progression by compartmentalizing tumor cells. <i>Nature Genetics</i> , 2007, 39, 1376-1383.	21.4	242
26	Inhibition of Gap Junction Communication at Ectopic Eph/ephrin Boundaries Underlies Craniofrontonasal Syndrome. <i>PLoS Biology</i> , 2006, 4, e315.	5.6	137
27	Ephrin signaling in vivo: Look both ways. <i>Developmental Dynamics</i> , 2005, 232, 1-10.	1.8	186
28	In vivo convergence of BMP and MAPK signaling pathways: impact of differential Smad1 phosphorylation on development and homeostasis. <i>Genes and Development</i> , 2004, 18, 1482-1494.	5.9	141
29	Ephrin-B1 forward and reverse signaling are required during mouse development. <i>Genes and Development</i> , 2004, 18, 572-583.	5.9	257
30	ATP Dependence of the SNARE/Caveolin 1 Interaction in the Hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 1232-1238.	2.1	11
31	Signaling Within a Caveolae-Like Membrane Microdomain in Human Neuroblastoma Cells in Response to Fibroblast Growth Factor. <i>Journal of Neurochemistry</i> , 2001, 74, 676-683.	3.9	36
32	Loss of functional caveolae during senescence of human fibroblasts. <i>Journal of Cellular Physiology</i> , 2001, 187, 226-235.	4.1	53
33	Differential activation of ERKs to focal adhesions by PKC $\mu$ is required for PMA-induced adhesion and migration of human glioma cells. <i>Oncogene</i> , 2001, 20, 7398-7407.	5.9	84