Lindsay Hinck

List of Publications by Year
in descending order

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39 papers	5,198 citations	201385 27 h-index	315357 38 g-index
40 all docs	40 docs citations	40 times ranked	5782 citing authors

#	Article	IF	Citations
1	Acute and endothelial-specific Robo4 deletion affect hematopoietic stem cell trafficking independent of VCAM1. PLoS ONE, 2021, 16, e0255606.	1.1	7
2	Alveolar progenitor differentiation and lactation depends on paracrine inhibition of Notch via ROBO1/CTNNB1/JAG1. Development (Cambridge), 2021, 148, .	1.2	3
3	Generation of Mosaic Mammary Organoids by Differential Trypsinization. Journal of Visualized Experiments, 2020, , .	0.2	4
4	VANGL2 regulates luminal epithelial organization and cell turnover in the mammary gland. Scientific Reports, 2019, 9, 7079.	1.6	11
5	Making Connections: Guidance Cues and Receptors at Nonneural Cellâ€“Cell Junctions. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029165.	2.3	15
6	Diverse regulation of mammary epithelial growth and branching morphogenesis through noncanonical Wnt signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3121-3126.	3.3	55
7	Extracellular Regulation of the Mitotic Spindle and Fate Determinants Driving Asymmetric Cell Division. Results and Problems in Cell Differentiation, 2017, 61, 351-373.	0.2	10
8	IGF2BP3 Modulates the Interaction of Invasion-Associated Transcripts with RISC. Cell Reports, 2016, 15, 1876-1883.	2.9	67
9	Loss of miR-203 regulates cell shape and matrix adhesion through ROBO1/Rac/FAK in response to stiffness. Journal of Cell Biology, 2016, 212, 707-719.	2.3	38
10	Mammary Stem Cell Self-Renewal Is Regulated by Slit2/Robo1 Signaling through SNAI1 and mINSC. Cell Reports, 2015, 13, 290-301.	2.9	54
11	SLIT/ROBO2 Signaling Promotes Mammary Stem Cell Senescence by Inhibiting Wnt Signaling. Stem Cell Reports, 2014, 3, 385-393.	2.3	24
12	Changes in cell and tissue organization in cancer of the breast and colon. Current Opinion in Cell Biology, 2014, 26, 87-95.	2.6	79
13	A Roundabout Way to Cancer. Advances in Cancer Research, 2012, 114, 187-235.	1.9	83
14	Mammary gland development. Wiley Interdisciplinary Reviews: Developmental Biology, 2012, 1, 533-557.	5.9	593
15	SLIT/ROBO1 Signaling Suppresses Mammary Branching Morphogenesis by Limiting Basal Cell Number. Developmental Cell, 2011, 20, 827-840.	3.1	82
16	Robo4 Cooperates with Cxcr4 to Specify Hematopoietic Stem Cell Localization to Bone Marrow Niches. Cell Stem Cell, 2011, 8, 72-83.	5.2	115
17	Navigating Breast Cancer: Axon Guidance Molecules as Breast Cancer Tumor Suppressors and Oncogenes. Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 257-270.	1.0	56
18	Tumor Suppressors: Heroes and Villains?. Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 169-171.	1.0	2

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19	Vascular Robo4 restricts proangiogenic VEGF signaling in breast. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10520-10525.	3.3	77
20	Netrinâ€1â€independent adenosine A2b receptor activation regulates the response of axons to netrinâ€1 by controlling cell surface levels of UNC5A receptors. Journal of Neurochemistry, 2008, 104, 1081-1090.	2.1	24
21	Sensitization of Ruthenium Nitrosyls to Visible Light via Direct Coordination of the Dye Resorufin: Trackable NO Donors for Light-Triggered NO Delivery to Cellular Targets. Journal of the American Chemical Society, 2008, 130, 8834-8846.	6.6	163
22	SLITs Suppress Tumor Growth In vivo by Silencing Sdf1/Cxcr4 within Breast Epithelium. Cancer Research, 2008, 68, 7819-7827.	0.4	117
23	UNC5A promotes neuronal apoptosis during spinal cord development independent of netrin-1. Nature Neuroscience, 2006, 9, 996-998.	7.1	55
24	Milking Biological Diversity For All Itâ€™s Worthâ€"What Do Other Model Systems Teach Us About Mammary Gland Development and Function?. Journal of Mammary Gland Biology and Neoplasia, 2006, 11, 183-185.	1.0	0
25	Protein Interacting with C-Kinase 1/Protein Kinase CÂ-Mediated Endocytosis Converts Netrin-1-Mediated Repulsion to Attraction. Journal of Neuroscience, 2006, 26, 3192-3205.	1.7	67
26	Slit2 and netrin 1 act synergistically as adhesive cues to generate tubular bi-layers during ductal morphogenesis. Development (Cambridge), 2006, 133, 823-832.	1.2	58
27	RumMAGE-D the Members: Structure and Function of a New Adaptor Family of MAGE-D Proteins. Journal of Receptor and Signal Transduction Research, 2005, 25, 181-198.	1.3	23
28	Netrin-1 regulates invasion and migration of mouse mammary epithelial cells overexpressing Cripto-1 in vitro and in vivo. Journal of Cell Science, 2005, 118, 4633-4643.	1.2	32
29	Key stages in mammary gland development: The mammary end bud as a motile organ. Breast Cancer Research, 2005, 7, 245-51.	2.2	180
30	The Versatile Roles of â€œAxon Guidanceâ€•Cues in Tissue Morphogenesis. Developmental Cell, 2004, 7, 783-793.	3.1	158
31	Netrin-1/Neogenin Interaction Stabilizes Multipotent Progenitor Cap Cells during Mammary Gland Morphogenesis. Developmental Cell, 2003, 4, 371-382.	3.1	229
32	UNC5H1 Induces Apoptosis via Its Juxtamembrane Region through an Interaction with NRAGE. Journal of Biological Chemistry, 2003, 278, 17483-17490.	1.6	96
33	Surface Expression of the Netrin Receptor UNC5H1 Is Regulated through a Protein Kinase C-Interacting Protein/Protein Kinase-Dependent Mechanism. Journal of Neuroscience, 2003, 23, 11279-11288.	1.7	71
34	A Ligand-Gated Association between Cytoplasmic Domains of UNC5 and DCC Family Receptors Converts Netrin-Induced Growth Cone Attraction to Repulsion. Cell, 1999, 97, 927-941.	13.5	643
35	Vertebrate homologues of C. elegans UNC-5 are candidate netrin receptors. Nature, 1997, 386, 833-838.	13.7	474
36	Deleted in Colorectal Cancer (DCC) Encodes a Netrin Receptor. Cell, 1996, 87, 175-185.	13.5	934

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37	The cadherin/catenin complex: connections to multiple cellular processes involved in cell adhesion, proliferation and morphogenesis. Seminars in Developmental Biology, 1995, 6, 89-95.	1.3	15
38	Î²-catenin: a common target for the regulation of cell adhesion by Wnt-1 and Src signaling pathways. Trends in Biochemical Sciences, 1994, 19, 538-542.	3.7	120
39	Two amino acids within the knuckle of the first zinc finger specify DNA response element activation by the glucocorticoid receptor. Cell, 1989, 57, 1131-1138.	13.5	364