

Pengfei Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6370645/publications.pdf>

Version: 2024-02-01

19
papers

1,034
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Hormonal and local control of mammary branching morphogenesis. <i>Differentiation</i> , 2006, 74, 365-381.	1.9	253
2	Patterning Mechanisms of Branched Organs. <i>Science</i> , 2008, 322, 1506-1509.	12.6	169
3	Genetic mosaic analysis reveals FGF receptor 2 function in terminal end buds during mammary gland branching morphogenesis. <i>Developmental Biology</i> , 2008, 321, 77-87.	2.0	151
4	Increasing Fgf4 expression in the mouse limb bud causes polysyndactyly and rescues the skeletal defects that result from loss of Fgf8 function. <i>Development (Cambridge)</i> , 2006, 133, 33-42.	2.5	87
5	Comparative Mechanisms of Branching Morphogenesis in Diverse Systems. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2006, 11, 213-228.	2.7	67
6	FGF ligands of the postnatal mammary stroma regulate distinct aspects of epithelial morphogenesis. <i>Development (Cambridge)</i> , 2014, 141, 3352-3362.	2.5	67
7	The apical ectodermal ridge is a timer for generating distal limb progenitors. <i>Development (Cambridge)</i> , 2008, 135, 1395-1405.	2.5	57
8	SPRY1 regulates mammary epithelial morphogenesis by modulating EGFR-dependent stromal paracrine signaling and ECM remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5731-40.	7.1	41
9	Stromal regulation of embryonic and postnatal mammary epithelial development and differentiation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 25-26, 43-51.	5.0	37
10	A 3D Fibroblast-Epithelium Co-culture Model for Understanding Microenvironmental Role in Branching Morphogenesis of the Mammary Gland. <i>Methods in Molecular Biology</i> , 2017, 1501, 217-231.	0.9	31
11	Occludin protects secretory cells from ER stress by facilitating SNARE-dependent apical protein exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4758-4769.	7.1	18
12	Born to Run? Diverse Modes of Epithelial Migration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 704939.	3.7	15
13	Modulation of Fibroblast Growth Factor Signaling Is Essential for Mammary Epithelial Morphogenesis. <i>PLoS ONE</i> , 2014, 9, e92735.	2.5	14
14	Quantitative Phosphoproteomics Reveals System-Wide Phosphorylation Network Altered by Spry in Mouse Mammary Stromal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5400.	4.1	6
15	LGL1 binds to Integrin $\alpha 21$ and inhibits downstream signaling to promote epithelial branching in the mammary gland. <i>Cell Reports</i> , 2022, 38, 110375.	6.4	6
16	Occludin is a target of Src kinase and promotes lipid secretion by binding to BTN1a1 and XOR. <i>PLoS Biology</i> , 2022, 20, e3001518.	5.6	5
17	Asymmetric Stratification-Induced Polarity Loss and Coordinated Individual Cell Movements Drive Directional Migration of Vertebrate Epithelium. <i>Cell Reports</i> , 2020, 33, 108246.	6.4	4
18	3D in vitro culture system to study collective migration in mammary organoid epithelium. <i>STAR Protocols</i> , 2021, 2, 100778.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Mammary stem cells, where art thou?. Wiley Interdisciplinary Reviews: Developmental Biology, 2019, 8, e357.	5.9	2