

Chen Luxenburg

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,066
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	The Architecture of the Adhesive Apparatus of Cultured Osteoclasts: From Podosome Formation to Sealing Zone Assembly. <i>PLoS ONE</i> , 2007, 2, e179.	2.5	263
2	Developmental roles for Srf, cortical cytoskeleton and cell shape in epidermal spindle orientation. <i>Nature Cell Biology</i> , 2011, 13, 203-214.	10.3	153
3	Involvement of the Src-cortactin pathway in podosome formation and turnover during polarization of cultured osteoclasts. <i>Journal of Cell Science</i> , 2006, 119, 4878-4888.	2.0	99
4	The contractome – a systems view of actomyosin contractility in non-muscle cells. <i>Journal of Cell Science</i> , 2015, 128, 2209-2217.	2.0	74
5	Involvement of actin polymerization in podosome dynamics. <i>Journal of Cell Science</i> , 2012, 125, 1666-72.	2.0	70
6	Wdr1-mediated cell shape dynamics and cortical tension are essential for epidermal planar cell polarity. <i>Nature Cell Biology</i> , 2015, 17, 592-604.	10.3	61
7	The molecular dynamics of osteoclast adhesions. <i>European Journal of Cell Biology</i> , 2006, 85, 203-211.	3.6	60
8	Inflammatory Activation of Astrocytes Facilitates Melanoma Brain Tropism via the CXCL10-CXCR3 Signaling Axis. <i>Cell Reports</i> , 2019, 28, 1785-1798.e6.	6.4	53
9	SOX2 Regulates P63 and Stem/Progenitor Cell State in the Corneal Epithelium. <i>Stem Cells</i> , 2019, 37, 417-429.	3.2	39
10	From cell shape to cell fate via the cytoskeleton – Insights from the epidermis. <i>Experimental Cell Research</i> , 2019, 378, 232-237.	2.6	36
11	Chronic expression of p16INK4a in the epidermis induces Wnt-mediated hyperplasia and promotes tumor initiation. <i>Nature Communications</i> , 2020, 11, 2711.	12.8	36
12	Mutations in TSPEAR, Encoding a Regulator of Notch Signaling, Affect Tooth and Hair Follicle Morphogenesis. <i>PLoS Genetics</i> , 2016, 12, e1006369.	3.5	32
13	T-plastin is essential for basement membrane assembly and epidermal morphogenesis. <i>Science Signaling</i> , 2017, 10, .	3.6	27
14	The Wave complex controls epidermal morphogenesis and proliferation by suppressing Wnt–Sox9 signaling. <i>Journal of Cell Biology</i> , 2019, 218, 1390-1406.	5.2	19
15	Thymosin β 4 is essential for adherens junction stability and epidermal planar cell polarity. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	16
16	THY1-mediated mechanisms converge to drive YAP activation in skin homeostasis and repair. <i>Nature Cell Biology</i> , 2022, 24, 1049-1063.	10.3	12
17	Multiscale View of Cytoskeletal Mechanoregulation of Cell and Tissue Polarity. <i>Handbook of Experimental Pharmacology</i> , 2016, 235, 263-284.	1.8	8
18	In Vivo CRISPR/Cas9 Screening to Simultaneously Evaluate Gene Function in Mouse Skin and Oral Cavity. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	4

#	ARTICLE	IF	CITATIONS
19	Striatin Is Required for Hearing and Affects Inner Hair Cells and Ribbon Synapses. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 615.	3.7	3
20	Wave of the future: involvement of actin polymerization in the regulation of tissue growth and shape. <i>Molecular and Cellular Oncology</i> , 2019, 6, e1609877.	0.7	1
21	Anillin governs mitotic rounding during early epidermal development. <i>BMC Biology</i> , 2022, 20, .	3.8	0