

Quanming Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8190905/publications.pdf>

Version: 2024-02-01

11
papers

1,020
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1548
citing authors

#	ARTICLE	IF	CITATIONS
1	Vinculin potentiates E-cadherin mechanosensing and is recruited to actin-anchored sites within adherens junctions in a myosin II-dependent manner. <i>Journal of Cell Biology</i> , 2010, 189, 1107-1115.	5.2	569
2	Rapid disorganization of mechanically interacting systems of mammary acini. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 658-663.	7.1	139
3	Stiff stroma increases breast cancer risk by inducing the oncogene ZNF217. <i>Journal of Clinical Investigation</i> , 2020, 130, 5721-5737.	8.2	73
4	Biophysical Properties of Cadherin Bonds Do Not Predict Cell Sorting. <i>Journal of Biological Chemistry</i> , 2008, 283, 28454-28463.	3.4	55
5	Cadherin-dependent mechanotransduction depends on ligand identity but not affinity. <i>Journal of Cell Science</i> , 2012, 125, 4362-71.	2.0	48
6	Allosteric Cross Talk between Cadherin Extracellular Domains. <i>Biophysical Journal</i> , 2010, 99, 95-104.	0.5	36
7	A fluorogenic array for temporally unlimited single-molecule tracking. <i>Nature Chemical Biology</i> , 2019, 15, 401-409.	8.0	36
8	A human mutation in STAT3 promotes type 1 diabetes through a defect in CD8+ T cell tolerance. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	32
9	Cadherin Point Mutations Alter Cell Sorting and Modulate GTPase Signaling. <i>Journal of Cell Science</i> , 2012, 125, 3299-309.	2.0	19
10	Physical confinement induces malignant transformation in mammary epithelial cells. <i>Biomaterials</i> , 2019, 217, 119307.	11.4	13
11	Rapid Disorganization of Mammary Acini Driven by Long-Range Mechanical Interaction. <i>Biophysical Journal</i> , 2014, 106, 174a.	0.5	0