

Quanming Shi

List of Publications by Year in descending order

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