

Nishit Srivastava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9181482/publications.pdf>

Version: 2024-02-01

10
papers

722
citations

933447

10
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	The nucleus acts as a ruler tailoring cell responses to spatial constraints. <i>Science</i> , 2020, 370, .	12.6	299
2	Size control in mammalian cells involves modulation of both growth rate and cell cycle duration. <i>Nature Communications</i> , 2018, 9, 3275.	12.8	178
3	Pressure sensing through Piezo channels controls whether cells migrate with blebs or pseudopods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2506-2512.	7.1	57
4	Genetic instability from a single S phase after whole-genome duplication. <i>Nature</i> , 2022, 604, 146-151.	27.8	54
5	A mechano-osmotic feedback couples cell volume to the rate of cell deformation. <i>ELife</i> , 2022, 11, .	6.0	27
6	Nuclear fragility, blaming the blebs. <i>Current Opinion in Cell Biology</i> , 2021, 70, 100-108.	5.4	22
7	Neuronal Differentiation of Embryonic Stem Cell Derived Neuronal Progenitors Can Be Regulated by Stretchable Conducting Polymers. <i>Tissue Engineering - Part A</i> , 2013, 19, 1984-1993.	3.1	20
8	Method to study cell migration under uniaxial compression. <i>Molecular Biology of the Cell</i> , 2017, 28, 809-816.	2.1	20
9	mTOR and S6K1 drive polycystic kidney by the control of Afadin-dependent oriented cell division. <i>Nature Communications</i> , 2020, 11, 3200.	12.8	20
10	Morphology and electrostatics play active role in neuronal differentiation processes on flexible conducting substrates. <i>Organogenesis</i> , 2014, 10, 1-5.	1.2	14