Alexander Nestor-Bergmann

List of Publications by Year
in descending order

14 papers	388 citations	1478458 6 h-index	1588975 8 g-index
19 all docs	19 docs citations	19 times ranked	508 citing authors

#	Article	IF	Citations
1	A Mechanosensitive RhoA Pathway that Protects Epithelia against Acute Tensile Stress. Developmental Cell, 2018, 47, 439-452.e6.	7.0	131
2	Decoupling the Roles of Cell Shape and Mechanical Stress in Orienting and Cueing Epithelial Mitosis. Cell Reports, 2019, 26, 2088-2100.e4.	6.4	61
3	The tricellular vertex-specific adhesion molecule Sidekick facilitates polarised cell intercalation during Drosophila axis extension. PLoS Biology, 2019, 17, e3000522.	5.6	54
4	Force and the spindle: Mechanical cues in mitotic spindle orientation. Seminars in Cell and Developmental Biology, 2014, 34, 133-139.	5.0	48
5	Relating cell shape and mechanical stress in a spatially disordered epithelium using a vertex-based model. Mathematical Medicine and Biology, 2018, 35, i1-i27.	1.2	44
6	Mechanical characterization of disordered and anisotropic cellular monolayers. Physical Review E, 2018, 97, 052409.	2.1	26
7	Generation of anisotropic strain dysregulates wild-type cell division at the interface between host and oncogenic tissue. Current Biology, 2021, 31, 3409-3418.e6.	3.9	9
8	Adhesion-regulated junction slippage controls cell intercalation dynamics in an Apposed-Cortex Adhesion Model. PLoS Computational Biology, 2022, 18, e1009812.	3.2	9
9	Title is missing!. , 2019, 17, e3000522.		0
10	Title is missing!. , 2019, 17, e3000522.		0
11	Title is missing!. , 2019, 17, e3000522.		0
12	Title is missing!. , 2019, 17, e3000522.		0
13	Title is missing!. , 2019, 17, e3000522.		0
14	Title is missing!. , 2019, 17, e3000522.		0