

Silvia Grigolon

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

366
citations

1163117

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1372567

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546
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluidization-mediated tissue spreading by mitotic cell rounding and non-canonical Wnt signalling. <i>Nature Cell Biology</i> , 2019, 21, 169-178.	10.3	121
2	Friction forces position the neural anlage. <i>Nature Cell Biology</i> , 2017, 19, 306-317.	10.3	93
3	The Physical Basis of Coordinated Tissue Spreading in Zebrafish Gastrulation. <i>Developmental Cell</i> , 2017, 40, 354-366.e4.	7.0	62
4	On the role of extrinsic noise in microRNA-mediated bimodal gene expression. <i>PLoS Computational Biology</i> , 2018, 14, e1006063.	3.2	23
5	Identifying relevant positions in proteins by Critical Variable Selection. <i>Molecular BioSystems</i> , 2016, 12, 2147-2158.	2.9	16
6	From Endogenous to Synthetic microRNA-Mediated Regulatory Circuits: An Overview. <i>Cells</i> , 2019, 8, 1540.	4.1	16
7	Noise processing by microRNA-mediated circuits: The Incoherent Feed-Forward Loop, revisited. <i>Heliyon</i> , 2016, 2, e00095.	3.2	11
8	Stochastic sequestration dynamics: a minimal model with extrinsic noise for bimodal distributions and competitors correlation. <i>Scientific Reports</i> , 2018, 8, 10387.	3.3	8
9	Responses to auxin signals: an operating principle for dynamical sensitivity yet high resilience. <i>Royal Society Open Science</i> , 2018, 5, 172098.	2.4	6
10	microRNA-mediated noise processing in cells: A fight or a game?. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 642-649.	4.1	6
11	Adhesion Percolation Determines Global Deformation Behavior in Biomimetic Emulsions. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	1