

Simon de Beco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8009232/publications.pdf>

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13
papers

1,198
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

2017
citing authors

#	ARTICLE	IF	CITATIONS
1	Actin Flows Mediate a Universal Coupling between Cell Speed and Cell Persistence. <i>Cell</i> , 2015, 161, 374-386.	28.9	369
2	Evidence for a Growth-Stabilizing Regulatory Feedback Mechanism between Myc and Yorkie, the <i>Drosophila</i> Homolog of Yap. <i>Developmental Cell</i> , 2010, 19, 507-520.	7.0	261
3	Endocytosis is required for E-cadherin redistribution at mature adherens junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7010-7015.	7.1	153
4	The role of single-cell mechanical behaviour and polarity in driving collective cell migration. <i>Nature Physics</i> , 2020, 16, 802-809.	16.7	109
5	Gradients of Rac1 Nanoclusters Support Spatial Patterns of Rac1 Signaling. <i>Cell Reports</i> , 2017, 21, 1922-1935.	6.4	74
6	New frontiers in cell competition. <i>Developmental Dynamics</i> , 2012, 241, 831-841.	1.8	63
7	Stick-slip dynamics of cell adhesion triggers spontaneous symmetry breaking and directional migration of mesenchymal cells on one-dimensional lines. <i>Science Advances</i> , 2020, 6, eaau5670.	10.3	56
8	New Insights into the Regulation of E-cadherin Distribution by Endocytosis. <i>International Review of Cell and Molecular Biology</i> , 2012, 295, 63-108.	3.2	32
9	Mechanosensitive Adaptation of E-Cadherin Turnover across adherens Junctions. <i>PLoS ONE</i> , 2015, 10, e0128281.	2.5	30
10	RalB directly triggers invasion downstream Ras by mobilizing the Wave complex. <i>ELife</i> , 2018, 7, .	6.0	27
11	Galectin-3 modulates epithelial cell adaptation to stress at the ER-mitochondria interface. <i>Cell Death and Disease</i> , 2020, 11, 360.	6.3	22
12	Image Restoration by Combined Order Regularization with Optimal Spatial Adaptation. <i>IEEE Transactions on Image Processing</i> , 2020, , 1-1.	9.8	2
13	Redox-Triggered Control of Cell Adhesion and Deadhesion on Poly(lysine)-g-poly(ethylene oxide) Adlayers. <i>ACS Applied Bio Materials</i> , 2019, 2, 4367-4376.	4.6	0