

Simon de Beco

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Image Restoration by Combined Order Regularization with Optimal Spatial Adaptation. <i>IEEE Transactions on Image Processing</i> , 2020, , 1-1. | 9.8 | 2 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | RalB directly triggers invasion downstream Ras by mobilizing the Wave complex. <i>ELife</i> , 2018, 7, . | 6.0 | 27 |
| 7 | Gradients of Rac1 Nanoclusters Support Spatial Patterns of Rac1 Signaling. <i>Cell Reports</i> , 2017, 21, 1922-1935. | 6.4 | 74 |
| 8 | Actin Flows Mediate a Universal Coupling between Cell Speed and Cell Persistence. <i>Cell</i> , 2015, 161, 374-386. | 28.9 | 369 |
| 9 | Mechanosensitive Adaptation of E-Cadherin Turnover across adherens Junctions. <i>PLoS ONE</i> , 2015, 10, e0128281. | 2.5 | 30 |
| 10 | 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 |
| 11 | New frontiers in cell competition. <i>Developmental Dynamics</i> , 2012, 241, 831-841. | 1.8 | 63 |
| 12 | 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 |
| 13 | 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 |