

Matthew E Berginski

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,244
citations

623734

14
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

2384
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Differential Performance of Machine Learning Models in Prediction of Procedure-Specific Outcomes. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 1732-1742. | 1.7 | 4 |
| 2 | The Dark Kinase Knowledgebase: an online compendium of knowledge and experimental results of understudied kinases. <i>Nucleic Acids Research</i> , 2021, 49, D529-D535. | 14.5 | 75 |
| 3 | Transcriptomic analyses of gastrulation-stage mouse embryos with differential susceptibility to alcohol. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, . | 2.4 | 19 |
| 4 | Coral: Clear and Customizable Visualization of Human Kinome Data. <i>Cell Systems</i> , 2018, 7, 347-350.e1. | 6.2 | 118 |
| 5 | Tunable molecular tension sensors reveal extension-based control of vinculin loading. <i>ELife</i> , 2018, 7, . | 6.0 | 74 |
| 6 | β 2-adrenoceptor signaling regulates invadopodia formation to enhance tumor cell invasion. <i>Breast Cancer Research</i> , 2015, 17, 145. | 5.0 | 64 |
| 7 | Construction, imaging, and analysis of FRET-based tension sensors in living cells. <i>Methods in Cell Biology</i> , 2015, 125, 161-186. | 1.1 | 46 |
| 8 | Dissecting motility signaling through activation of specific Src-effector complexes. <i>Nature Chemical Biology</i> , 2014, 10, 286-290. | 8.0 | 44 |
| 9 | LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues. <i>Journal of Cell Biology</i> , 2014, 207, 299-315. | 5.2 | 41 |
| 10 | Engineered kinase activation reveals unique morphodynamic phenotypes and associated trafficking for Src family isoforms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12420-12425. | 7.1 | 47 |
| 11 | Intravital imaging of donor allogeneic effector and regulatory T cells with host dendritic cells during GVHD. <i>Blood</i> , 2014, 123, 1604-1614. | 1.4 | 24 |
| 12 | Automated analysis of invadopodia dynamics in live cells. <i>PeerJ</i> , 2014, 2, e462. | 2.0 | 4 |
| 13 | LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues. <i>Journal of Experimental Medicine</i> , 2014, 211, 211120IA68. | 8.5 | 0 |
| 14 | Nck enables directional cell migration through the coordination of polarized membrane protrusion with adhesion dynamics. <i>Journal of Cell Science</i> , 2013, 126, 1637-49. | 2.0 | 43 |
| 15 | The Focal Adhesion Analysis Server: a web tool for analyzing focal adhesion dynamics. <i>F1000Research</i> , 2013, 2, 68. | 1.6 | 136 |
| 16 | Gleevec, an Abl Family Inhibitor, Produces a Profound Change in Cell Shape and Migration. <i>PLoS ONE</i> , 2013, 8, e52233. | 2.5 | 15 |
| 17 | Arp2/3 Is Critical for Lamellipodia and Response to Extracellular Matrix Cues but Is Dispensable for Chemotaxis. <i>Cell</i> , 2012, 148, 973-987. | 28.9 | 409 |
| 18 | The Vinculin C-terminal Hairpin Mediates F-actin Bundle Formation, Focal Adhesion, and Cell Mechanical Properties. <i>Journal of Biological Chemistry</i> , 2011, 286, 45103-45115. | 3.4 | 55 |