

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
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888059

17
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docs citations

24
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The Focal Adhesion Analysis Server: a web tool for analyzing focal adhesion dynamics. <i>F1000Research</i> , 2013, 2, 68.	1.6	136
3	Coral: Clear and Customizable Visualization of Human Kinome Data. <i>Cell Systems</i> , 2018, 7, 347-350.e1.	6.2	118
4	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
5	Tunable molecular tension sensors reveal extension-based control of vinculin loading. <i>ELife</i> , 2018, 7, .	6.0	74
6	β2-adrenoceptor signaling regulates invadopodia formation to enhance tumor cell invasion. <i>Breast Cancer Research</i> , 2015, 17, 145.	5.0	64
7	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
8	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
9	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
10	Dissecting motility signaling through activation of specific Src-effector complexes. <i>Nature Chemical Biology</i> , 2014, 10, 286-290.	8.0	44
11	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
12	LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues. <i>Journal of Cell Biology</i> , 2014, 207, 299-315.	5.2	41
13	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
14	Transcriptomic analyses of gastrulation-stage mouse embryos with differential susceptibility to alcohol. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	19
15	Gleevec, an Abl Family Inhibitor, Produces a Profound Change in Cell Shape and Migration. <i>PLoS ONE</i> , 2013, 8, e52233.	2.5	15
16	Automated analysis of invadopodia dynamics in live cells. <i>PeerJ</i> , 2014, 2, e462.	2.0	4
17	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
18	LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues. <i>Journal of Experimental Medicine</i> , 2014, 211, 2111-2116.	8.5	0