

Peter Beemiller

List of Publications by Year in descending order

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16
papers

1,656
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2959
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing dynamic microvillar search and stabilization during ligand detection by T cells. <i>Science</i> , 2017, 356, .	12.6	225
2	Detection of Rare Antigen-Presenting Cells through T Cell-Intrinsic Meandering Motility, Mediated by Myo1g. <i>Cell</i> , 2014, 158, 492-505.	28.9	120
3	Assessing and benchmarking multiphoton microscopes for biologists. <i>Methods in Cell Biology</i> , 2014, 123, 135-151.	1.1	1
4	Evolving immune circuits are generated by flexible, motile, and sequential immunological synapses. <i>Immunological Reviews</i> , 2013, 251, 80-96.	6.0	15
5	Secondary T cell–T cell synaptic interactions drive the differentiation of protective CD8+ T cells. <i>Nature Immunology</i> , 2013, 14, 356-363.	14.5	144
6	Regulation of T–cell receptor signaling by the actin cytoskeleton and poroelastic cytoplasm. <i>Immunological Reviews</i> , 2013, 256, 148-159.	6.0	25
7	Integration of the movement of signaling microclusters with cellular motility in immunological synapses. <i>Nature Immunology</i> , 2012, 13, 787-795.	14.5	86
8	Marginating Dendritic Cells of the Tumor Microenvironment Cross-Present Tumor Antigens and Stably Engage Tumor-Specific T Cells. <i>Cancer Cell</i> , 2012, 21, 402-417.	16.8	288
9	Mediation of T-Cell Activation by Actin Meshworks. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a002444-a002444.	5.5	57
10	A Cdc42 Activation Cycle Coordinated by PI 3-Kinase during Fc Receptor-mediated Phagocytosis. <i>Molecular Biology of the Cell</i> , 2010, 21, 470-480.	2.1	99
11	Real-time analysis of T cell receptors in naive cells in vitro and in vivo reveals flexibility in synapse and signaling dynamics. <i>Journal of Experimental Medicine</i> , 2010, 207, 2733-2749.	8.5	91
12	Real-time analysis of T cell receptors in naive cells in vitro and in vivo reveals flexibility in synapse and signaling dynamics. <i>Journal of Cell Biology</i> , 2010, 191, i9-i9.	5.2	0
13	Amoeboid T lymphocytes require the septin cytoskeleton for cortical integrity and persistent motility. <i>Nature Cell Biology</i> , 2009, 11, 17-26.	10.3	170
14	Distinct functions for HS1 in chemosensory versus adhesive signaling. <i>Nature Immunology</i> , 2008, 9, 833-834.	14.5	2
15	Bnip3 Mediates the Hypoxia-induced Inhibition on Mammalian Target of Rapamycin by Interacting with Rheb. <i>Journal of Biological Chemistry</i> , 2007, 282, 35803-35813.	3.4	224
16	A Phosphatidylinositol-3-Kinase-Dependent Signal Transition Regulates ARF1 and ARF6 during Fc β Receptor-Mediated Phagocytosis. <i>PLoS Biology</i> , 2006, 4, e162.	5.6	109