

Valarie A Barr

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,057
citations

471509

17
h-index

642732

23
g-index

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all docs

24
docs citations

24
times ranked

2313
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cish SH2 domain is essential for PLC- β 1 regulation in TCR stimulated CD8+ T cells. Scientific Reports, 2018, 8, 5336.	3.3	32
2	Intensity and duration of TCR signaling is limited by p38 phosphorylation of ZAP-70 ^{T293} and destabilization of the signalosome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2174-2179.	7.1	27
3	Timed Regulation of 3BP2 Induction Is Critical for Sustaining CD8+ T Cell Expansion and Differentiation. Cell Reports, 2018, 24, 1123-1135.	6.4	9
4	Super-resolution Analysis of TCR-Dependent Signaling: Single-Molecule Localization Microscopy. Methods in Molecular Biology, 2017, 1584, 183-206.	0.9	4
5	Recruitment of calcineurin to the TCR positively regulates T cell activation. Nature Immunology, 2017, 18, 196-204.	14.5	67
6	Highly Multiplexed, Super-resolution Imaging of T Cells Using madSTORM. Journal of Visualized Experiments, 2017, , .	0.3	4
7	Fluorescent Nanodiamonds as Fiducial Markers or Nanodiamonds Are Forever.. Microscopy and Microanalysis, 2016, 22, 1018-1019.	0.4	0
8	Development of nanoscale structure in LAT-based signaling complexes. Journal of Cell Science, 2016, 129, 4548-4562.	2.0	11
9	madSTORM: a superresolution technique for large-scale multiplexing at single-molecule accuracy. Molecular Biology of the Cell, 2016, 27, 3591-3600.	2.1	42
10	Hierarchical nanostructure and synergy of multimolecular signalling complexes. Nature Communications, 2016, 7, 12161.	12.8	32
11	The Linker for Activation of T Cells (LAT) Signaling Hub: From Signaling Complexes to Microclusters. Journal of Biological Chemistry, 2015, 290, 26422-26429.	3.4	108
12	<i>In vivo</i> functional mapping of the conserved protein domains within murine Themis1. Immunology and Cell Biology, 2014, 92, 721-728.	2.3	5
13	Resolving multi-molecular protein interactions by photoactivated localization microscopy. Methods, 2013, 59, 261-269.	3.8	26
14	Multipoint Binding of the SLP-76 SH2 Domain to ADAP Is Critical for Oligomerization of SLP-76 Signaling Complexes in Stimulated T Cells. Molecular and Cellular Biology, 2013, 33, 4140-4151.	2.3	43
15	GTP-binding Protein-like Domain of AGAP1 Is Protein Binding Site That Allosterically Regulates ArfGAP Protein Catalytic Activity. Journal of Biological Chemistry, 2012, 287, 17176-17185.	3.4	16
16	Functional Nanoscale Organization of Signaling Molecules Downstream of the T Cell Antigen Receptor. Immunity, 2011, 35, 705-720.	14.3	288
17	Imaging techniques for assaying lymphocyte activation in action. Nature Reviews Immunology, 2011, 11, 21-33.	22.7	93
18	Formation of STIM and Orai complexes: puncta and distal caps. Immunological Reviews, 2009, 231, 148-159.	6.0	31

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19	Dynamic Movement of the Calcium Sensor STIM1 and the Calcium Channel Orai1 in Activated T-Cells: Puncta and Distal Caps. <i>Molecular Biology of the Cell</i> , 2008, 19, 2802-2817.	2.1	130
20	c-Cbl-Mediated Regulation of LAT-Nucleated Signaling Complexes. <i>Molecular and Cellular Biology</i> , 2007, 27, 8622-8636.	2.3	95
21	T-Cell Antigen Receptor-Induced Signaling Complexes: Internalization Via a Cholesterol-Dependent Endocytic Pathway. <i>Traffic</i> , 2006, 7, 1143-1162.	2.7	74
22	Dynamic molecular interactions linking the T cell antigen receptor to the actin cytoskeleton. <i>Nature Immunology</i> , 2005, 6, 80-89.	14.5	279
23	High-Resolution Multicolor Imaging of Dynamic Signaling Complexes in T Cells Stimulated by Planar Substrates. <i>Science Signaling</i> , 2003, 2003, pl8-pl8.	3.6	68
24	T cell receptor ligation induces the formation of dynamically regulated signaling assemblies. <i>Journal of Cell Biology</i> , 2002, 158, 1263-1275.	5.2	573