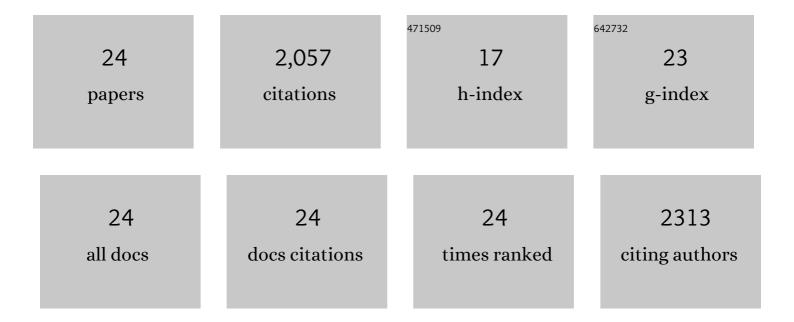
## Valarie A Barr

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	T cell receptor ligation induces the formation of dynamically regulated signaling assemblies. Journal of Cell Biology, 2002, 158, 1263-1275.	5.2	573
2	Functional Nanoscale Organization of Signaling Molecules Downstream of the T Cell Antigen Receptor. Immunity, 2011, 35, 705-720.	14.3	288
3	Dynamic molecular interactions linking the T cell antigen receptor to the actin cytoskeleton. Nature Immunology, 2005, 6, 80-89.	14.5	279
4	Dynamic Movement of the Calcium Sensor STIM1 and the Calcium Channel Orai1 in Activated T-Cells: Puncta and Distal Caps. Molecular Biology of the Cell, 2008, 19, 2802-2817.	2.1	130
5	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
6	c-Cbl-Mediated Regulation of LAT-Nucleated Signaling Complexes. Molecular and Cellular Biology, 2007, 27, 8622-8636.	2.3	95
7	Imaging techniques for assaying lymphocyte activation in action. Nature Reviews Immunology, 2011, 11, 21-33.	22.7	93
8	T-Cell Antigen Receptor-Induced Signaling Complexes: Internalization Via a Cholesterol-Dependent Endocytic Pathway. Traffic, 2006, 7, 1143-1162.	2.7	74
9	High-Resolution Multicolor Imaging of Dynamic Signaling Complexes in T Cells Stimulated by Planar Substrates. Science Signaling, 2003, 2003, pl8-pl8.	3.6	68
10	Recruitment of calcineurin to the TCR positively regulates T cell activation. Nature Immunology, 2017, 18, 196-204.	14.5	67
11	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
12	madSTORM: a superresolution technique for large-scale multiplexing at single-molecule accuracy. Molecular Biology of the Cell, 2016, 27, 3591-3600.	2.1	42
13	Hierarchical nanostructure and synergy of multimolecular signalling complexes. Nature Communications, 2016, 7, 12161.	12.8	32
14	The Cish SH2 domain is essential for PLC-Î <sup>3</sup> 1 regulation in TCR stimulated CD8+ T cells. Scientific Reports, 2018, 8, 5336.	3.3	32
15	Formation of STIM and Orai complexes: puncta and distal caps. Immunological Reviews, 2009, 231, 148-159.	6.0	31
16	Intensity and duration of TCR signaling is limited by p38 phosphorylation of ZAP-70 <sup>T293</sup> 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
17	Resolving multi-molecular protein interactions by photoactivated localization microscopy. Methods, 2013, 59, 261-269.	3.8	26
18	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

VALARIE A BARR

#	Article	IF	CITATIONS
19	Development of nanoscale structure in LAT-based signaling complexes. Journal of Cell Science, 2016, 129, 4548-4562.	2.0	11
20	Timed Regulation of 3BP2 Induction Is Critical for Sustaining CD8+ T Cell Expansion and Differentiation. Cell Reports, 2018, 24, 1123-1135.	6.4	9
21	<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
22	Super-resolution Analysis of TCR-Dependent Signaling: Single-Molecule Localization Microscopy. Methods in Molecular Biology, 2017, 1584, 183-206.	0.9	4
23	Highly Multiplexed, Super-resolution Imaging of T Cells Using madSTORM. Journal of Visualized Experiments, 2017, , .	0.3	4
24	Fluorescent Nanodiamonds as Fiducial Markers or Nanodiamonds Are Forever Microscopy and Microanalysis, 2016, 22, 1018-1019.	0.4	0