

# Joanna Brzostek

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

926  
citations

567281

15  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Themis is indispensable for IL-2 and IL-15 signaling in T cells. <i>Science Signaling</i> , 2022, 15, eabi9983.	3.6	11
2	Themis regulates metabolic signaling and effector functions in CD4+ T cells by controlling NFAT nuclear translocation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2249-2261.	10.5	10
3	Targeting CAR to the Peptide-MHC Complex Reveals Distinct Signaling Compared to That of TCR in a Jurkat T Cell Model. <i>Cancers</i> , 2021, 13, 867.	3.7	9
4	Expansion of an Unusual Virtual Memory CD8+ Subpopulation Bearing VÎ±3.2 TCR in Themis-Deficient Mice. <i>Frontiers in Immunology</i> , 2021, 12, 644483.	4.8	5
5	Single Molecule Force Spectroscopy Reveals Distinctions in Key Biophysical Parameters of Î±Î² T-Cell Receptors Compared with Chimeric Antigen Receptors Directed at the Same Ligand. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7566-7573.	4.6	15
6	Non-Stimulatory pMHC Enhance CD8 T Cell Effector Functions by Recruiting Coreceptor-Bound Lck. <i>Frontiers in Immunology</i> , 2021, 12, 721722.	4.8	0
7	Editorial: <i>Vibrio</i> Virulence Regulation and Host Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 793464.	3.9	2
8	T cell receptor and cytokine signal integration in CD8+ T cells is mediated by the protein Themis. <i>Nature Immunology</i> , 2020, 21, 186-198.	14.5	34
9	Single Cell Analysis of Drug Susceptibility of <i>Mycobacterium abscessus</i> during Macrophage Infection. <i>Antibiotics</i> , 2020, 9, 711.	3.7	3
10	Lck bound to coreceptor is less active than free Lck. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15809-15817.	7.1	29
11	Signaling from T cell receptors (TCRs) and chimeric antigen receptors (CARs) on T cells. <i>Cellular and Molecular Immunology</i> , 2020, 17, 600-612.	10.5	82
12	A Dual Inhibitor of Cdc7/Cdk9 Potently Suppresses T Cell Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1718.	4.8	10
13	Use of Single Chain MHC Technology to Investigate Co-agonism in Human CD8+ T Cell Activation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6
14	Identification of Mediators of T-cell Receptor Signaling <em>via</em> the Screening of Chemical Inhibitor Libraries. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	8
15	Themis-associated phosphatase activity controls signaling in T cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11331-E11340.	7.1	21
16	Nonstimulatory peptideâ€“MHC enhances human T-cell antigen-specific responses by amplifying proximal TCR signaling. <i>Nature Communications</i> , 2018, 9, 2716.	12.8	12
17	Development of a screening strategy for new modulators of T cell receptor signaling and T cell activation. <i>Scientific Reports</i> , 2018, 8, 10046.	3.3	15
18	CD8+ T cells have commitment issues. <i>Nature Immunology</i> , 2018, 19, 797-799.	14.5	3

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19	Thymic Origins of T Cell Receptor Alloreactivity. <i>Transplantation</i> , 2017, 101, 1535-1541.	1.0	14
20	Cell Type-Specific Regulation of Immunological Synapse Dynamics by B7 Ligand Recognition. <i>Frontiers in Immunology</i> , 2016, 7, 24.	4.8	44
21	TCR Signal Strength and T Cell Development. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 327-348.	9.4	127
22	SHP1's role in thymic selection. <i>European Journal of Immunology</i> , 2016, 46, 2091-2094.	2.9	3
23	Vive la peptide difference!. <i>Nature Immunology</i> , 2016, 17, 896-898.	14.5	0
24	Identification of a novel lymphoid population in the murine epidermis. <i>Scientific Reports</i> , 2015, 5, 12554.	3.3	13
25	Ligand-engaged TCR is triggered by Lck not associated with CD8 coreceptor. <i>Nature Communications</i> , 2014, 5, 5624.	12.8	62
26	Fine-tuning T cell receptor signaling to control T cell development. <i>Trends in Immunology</i> , 2014, 35, 311-318.	6.8	67
27	Coreceptor affinity for MHC defines peptide specificity requirements for TCR interaction with coagonist peptide-MHC. <i>Journal of Experimental Medicine</i> , 2013, 210, 1807-1821.	8.5	32
28	Themis sets the signal threshold for positive and negative selection in T-cell development. <i>Nature</i> , 2013, 504, 441-445.	27.8	99
29	Too Fast to Die. <i>Science Signaling</i> , 2013, 6, pe33.	3.6	1
30	Initiation of TCR Phosphorylation and Signal Transduction. <i>Frontiers in Immunology</i> , 2011, 2, 72.	4.8	24
31	Dimerization of Soluble Disulfide Trap Single-Chain Major Histocompatibility Complex Class I Molecules Dependent on Peptide Binding Affinity. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 635-644.	5.4	0
32	Properties and Applications of Single-Chain Major Histocompatibility Complex Class I Molecules. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 645-655.	5.4	8
33	Ligand dimensions are important in controlling NK cell responses. <i>European Journal of Immunology</i> , 2010, 40, 2050-2059.	2.9	19
34	Modification of the <i>Campylobacter jejuni</i> flagellin glycan by the product of the Cj1295 homopolymeric-tract-containing gene. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1953-1962.	1.8	50
35	Matched Sizes of Activating and Inhibitory Receptor/Ligand Pairs Are Required for Optimal Signal Integration by Human Natural Killer Cells. <i>PLoS ONE</i> , 2010, 5, e15374.	2.5	45
36	Membranous Structures Transfer Cell Surface Proteins Across NK Cell Immune Synapses. <i>Traffic</i> , 2007, 8, 1190-1204.	2.7	43