

Yuri Sykulev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7029942/publications.pdf>

Version: 2024-02-01

42
papers

2,311
citations

331670

21
h-index

302126

39
g-index

43
all docs

43
docs citations

43
times ranked

3055
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that a Single Peptide-MHC Complex on a Target Cell Can Elicit a Cytolytic T Cell Response. <i>Immunity</i> , 1996, 4, 565-571.	14.3	618
2	Kinetics and affinity of reactions between an antigen-specific T cell receptor and peptide-MHC complexes. <i>Immunity</i> , 1994, 1, 15-22.	14.3	253
3	ICAM-1 co-stimulates target cells to facilitate antigen presentation. <i>Current Opinion in Immunology</i> , 2005, 17, 251-258.	5.5	170
4	Distinct role of lymphocyte function-associated antigen-1 in mediating effective cytolytic activity by cytotoxic T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6437-6442.	7.1	148
5	Cytotoxic T lymphocytes form an antigen-independent ring junction. <i>Journal of Clinical Investigation</i> , 2004, 113, 49-57.	8.2	113
6	Kinetics of Early T Cell Receptor Signaling Regulate the Pathway of Lytic Granule Delivery to the Secretory Domain. <i>Immunity</i> , 2009, 31, 632-642.	14.3	111
7	Peptide Antagonism and T Cell Receptor Interactions with Peptide-MHC Complexes. <i>Immunity</i> , 1998, 9, 475-483.	14.3	105
8	Quantum dot/peptide-MHC biosensors reveal strong CD8-dependent cooperation between self and viral antigens that augment the T cell response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16846-16851.	7.1	96
9	Multiple Effector Functions Mediated by Human Immunodeficiency Virus-Specific CD4 + T-Cell Clones. <i>Journal of Virology</i> , 2001, 75, 9771-9779.	3.4	62
10	Protein Kinase C δ Regulates Stability of the Peripheral Adhesion Ring Junction and Contributes to the Sensitivity of Target Cell Lysis by CTL. <i>Journal of Immunology</i> , 2008, 181, 4815-4824.	0.8	61
11	Enteric alpha defensins in norm and pathology. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2012, 11, 1.	3.8	53
12	Distinct Molecular Mechanisms Account for the Specificity of Two Different T-Cell Receptors. <i>Biochemistry</i> , 2003, 42, 4709-4716.	2.5	52
13	Tpl2 and ERK transduce antiproliferative T cell receptor signals and inhibit transformation of chronically stimulated T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2987-2992.	7.1	50
14	How a T Cell Receptor-like Antibody Recognizes Major Histocompatibility Complex-bound Peptide. <i>Journal of Biological Chemistry</i> , 2008, 283, 29053-29059.	3.4	41
15	Mechanisms controlling granule-mediated cytolytic activity of cytotoxic T lymphocytes. <i>Immunologic Research</i> , 2011, 51, 183-194.	2.9	36
16	Limited immune surveillance in lymphoid tissue by cytolytic CD4+ T cells during health and HIV disease. <i>PLoS Pathogens</i> , 2018, 14, e1006973.	4.7	30
17	Evidence that the Density of Self Peptide-MHC Ligands Regulates T-Cell Receptor Signaling. <i>PLoS ONE</i> , 2012, 7, e41466.	2.5	30
18	Major histocompatibility complex class I-intercellular adhesion molecule-1 association on the surface of target cells: implications for antigen presentation to cytotoxic T lymphocytes. <i>Immunology</i> , 2004, 113, 460-471.	4.4	29

#	ARTICLE	IF	CITATIONS
19	T Cell Receptor Signaling Kinetics Takes the Stage. <i>Science Signaling</i> , 2010, 3, pe50.	3.6	26
20	Antibody Specific for the Peptide-Major Histocompatibility Complex. <i>Journal of Biological Chemistry</i> , 2004, 279, 44243-44249.	3.4	22
21	Structural Basis for Degenerate Recognition of Natural HIV Peptide Variants by Cytotoxic Lymphocytes*. <i>Journal of Biological Chemistry</i> , 2006, 281, 20205-20212.	3.4	22
22	Integrins Influence the Size and Dynamics of Signaling Microclusters in a Pyk2-dependent Manner. <i>Journal of Biological Chemistry</i> , 2015, 290, 11833-11842.	3.4	22
23	Integrin receptors on tumor cells facilitate NK cell-mediated antibody-dependent cytotoxicity. <i>European Journal of Immunology</i> , 2014, 44, 2331-2339.	2.9	21
24	Soluble HIV-specific T cell receptor: expression, purification and analysis of the specificity. <i>Journal of Immunological Methods</i> , 2003, 277, 75-86.	1.4	19
25	Potent Cytolytic Response by a CD8+ CTL Clone to Multiple Peptides from the Same Protein in Association with an Allogeneic Class I MHC Molecule. <i>Journal of Immunology</i> , 2001, 166, 3028-3034.	0.8	13
26	Antagonism of HIV-specific CD4+ T cells by C-terminal truncation of a minimum epitope. <i>Molecular Immunology</i> , 2006, 43, 1349-1357.	2.2	13
27	A novel composite immunotoxin that suppresses rabies virus production by the infected cells. <i>Journal of Immunological Methods</i> , 2010, 353, 78-86.	1.4	13
28	Protective Allele for Multiple Sclerosis HLA-DRB1*01:01 Provides Kinetic Discrimination of Myelin and Exogenous Antigenic Peptides. <i>Frontiers in Immunology</i> , 2020, 10, 3088.	4.8	13
29	Evaluating frequency and quality of pathogen-specific T cells. <i>Nature Communications</i> , 2016, 7, 13264.	12.8	12
30	Efficient killing of tumor cells by CAR-T cells requires greater number of engaged CARs than TCRs. <i>Journal of Biological Chemistry</i> , 2021, 297, 101033.	3.4	12
31	Can oligomeric T-cell receptor be used as a tool to detect viral peptide epitopes on infected cells?. <i>Clinical Immunology</i> , 2009, 130, 98-109.	3.2	10
32	Core-based lipid nanoparticles as a nanoplatform for delivery of near-infrared fluorescent imaging agents. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 4, 507-24.	1.0	8
33	Extent of MHC Clustering Regulates Selectivity and Effectiveness of T Cell Responses. <i>Journal of Immunology</i> , 2019, 202, 591-597.	0.8	7
34	The DISC1-Girdin complex: a missing link in signaling to the T cell cytoskeleton. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	5
35	Differential Splicing Generates Tvl-1/RFXANK Isoforms with Different Functions. <i>Journal of Biological Chemistry</i> , 2002, 277, 45172-45180.	3.4	4
36	Assessment of the Synaptic Interface of Primary Human T Cells from Peripheral Blood and Lymphoid Tissue. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4

#	ARTICLE	IF	CITATIONS
37	CMV Responses after Haploidentical Hematopoietic Stem Cell Transplantation (HI HSCT): Quantity Does Not Always Equal Quality. <i>Blood</i> , 2018, 132, 3372-3372.	1.4	3
38	Changing separating distances between immune receptors as a sensitive mechanism regulating T cell activation. <i>Self/nonself</i> , 2010, 1, 67-68.	2.0	2
39	Role of the MTOC in T Cell Effector Functions. , 2012, , 365-383.		1
40	Loss of an Immunodominant HLA- $\tilde{\text{I}}^*01:01$ Restricted Epitope for CD8+ Cytotoxic T Lymphocytes (CTLs) in the Delta Variant of COVID-19: An Example of Immunologic Escape and Implications for Immunologic Treatment. <i>Blood</i> , 2021, 138, 738-738.	1.4	1
41	Target Cell Contributions to Cytotoxic T Cell Sensitivity. , 2006, , 199-220.		0
42	Herman N. Eisen: Mentor to many. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1650-1651.	7.1	0