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List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,725
citations

331670

21
h-index

289244

40
g-index

41
all docs

41
docs citations

41
times ranked

2438
citing authors

#	ARTICLE	IF	CITATIONS
1	Citrulline-specific Th1 Cells Are Increased in Rheumatoid Arthritis and Their Frequency Is Influenced by Disease Duration and Therapy. <i>Arthritis and Rheumatology</i> , 2014, 66, 1712-1722.	5.6	168
2	CD6 ligand interactions: a paradigm for SRCR domain function?. <i>Trends in Immunology</i> , 1997, 18, 498-504.	7.5	136
3	Tetramer-Guided Epitope Mapping: Rapid Identification and Characterization of Immunodominant CD4+ T Cell Epitopes from Complex Antigens. <i>Journal of Immunology</i> , 2001, 166, 6665-6670.	0.8	135
4	Identification and functional characterization of T cells reactive to citrullinated vimentin in HLA-DRB1*0401-positive humanized mice and rheumatoid arthritis patients. <i>Arthritis and Rheumatism</i> , 2011, 63, 2873-2883.	6.7	128
5	ECM components guide IL-10 producing regulatory T-cell (TR1) induction from effector memory T-cell precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7938-7943.	7.1	122
6	HLA-DQ Tetramers Identify Epitope-Specific T Cells in Peripheral Blood of Herpes Simplex Virus Type 2-Infected Individuals: Direct Detection of Immunodominant Antigen-Responsive Cells. <i>Journal of Immunology</i> , 2000, 164, 4244-4249.	0.8	118
7	Molecular Cloning, Mapping to Human Chromosome 1 q21-q23, and Cell Binding Characteristics of Sp1, a New Member of the Scavenger Receptor Cysteine-rich (SRCR) Family of Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 6151-6158.	3.4	100
8	Inhibition of hyaluronan synthesis restores immune tolerance during autoimmune insulinitis. <i>Journal of Clinical Investigation</i> , 2015, 125, 3928-3940.	8.2	76
9	Effects of Na ⁺ and Mg ²⁺ on the Structures of Supercoiled DNAs: Comparison of Simulations with Experiments. <i>Journal of Molecular Biology</i> , 1996, 262, 105-128.	4.2	71
10	Th1 cytokines promote T-cell binding to antigen-presenting cells via enhanced hyaluronan production and accumulation at the immune synapse. <i>Cellular and Molecular Immunology</i> , 2010, 7, 211-220.	10.5	65
11	Low-avidity recognition by CD4+ T cells directed to self-antigens. <i>European Journal of Immunology</i> , 2003, 33, 1409-1417.	2.9	62
12	Distinct T Cell Interactions with HLA Class II Tetramers Characterize a Spectrum of TCR Affinities in the Human Antigen-Specific T Cell Response. <i>Journal of Immunology</i> , 2000, 165, 6994-6998.	0.8	61
13	Rapid epitope identification from complex class-II-restricted T-cell antigens. <i>Trends in Immunology</i> , 2001, 22, 583-588.	6.8	52
14	Memory T cells specific to citrullinated Î±-enolase are enriched in the rheumatic joint. <i>Journal of Autoimmunity</i> , 2018, 92, 47-56.	6.5	43
15	The Toll-Like Receptor Signaling Molecule Myd88 Contributes to Pancreatic Beta-Cell Homeostasis in Response to Injury. <i>PLoS ONE</i> , 2009, 4, e5063.	2.5	39
16	Reversal of Diabetes in Mice with a Bioengineered Islet Implant Incorporating a Type I Collagen Hydrogel and Sustained Release of Vascular Endothelial Growth Factor. <i>Cell Transplantation</i> , 2012, 21, 2099-2110.	2.5	36
17	Searching immunodominant epitopes prior to epidemic: HLA class II-restricted SARS-CoV spike protein epitopes in unexposed individuals. <i>International Immunology</i> , 2009, 21, 63-71.	4.0	31
18	Modified High-Molecular-Weight Hyaluronan Promotes Allergen-Specific Immune Tolerance. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 109-120.	2.9	30

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19	Autoreactive human T-cell receptor initiates insulinitis and impaired glucose tolerance in HLA DR4 transgenic mice. <i>Journal of Autoimmunity</i> , 2008, 30, 197-206.	6.5	26
20	Comparison of hard-cylinder and screened coulomb interactions in the modeling of supercoiled DNAs. <i>Biopolymers</i> , 1997, 42, 455-470.	2.4	25
21	Local, Controlled Release In Vivo of Vascular Endothelial Growth Factor Within a Subcutaneous Scaffolded Islet Implant Reduces Early Islet Necrosis and Improves Performance of the Graft. <i>Cell Transplantation</i> , 2018, 27, 531-541.	2.5	22
22	T Cell Selection and Differential Activation on Structurally Related HLA-DR4 Ligands. <i>Journal of Immunology</i> , 2001, 167, 3250-3256.	0.8	20
23	Restricted Autoantigen Recognition Associated with Deletional and Adaptive Regulatory Mechanisms. <i>Journal of Immunology</i> , 2009, 183, 59-65.	0.8	19
24	Effect of anisotropy of the bending rigidity on the supercoiling free energy of small circular DNAs. <i>Biopolymers</i> , 1995, 36, 633-641.	2.4	17
25	Controlled release of monoclonal antibodies from poly-l-lysine-coated alginate spheres within a scaffolded implant mitigates autoimmune responses to transplanted islets and limits systemic antibody toxicity. <i>Materials Science and Engineering C</i> , 2018, 93, 390-398.	7.3	15
26	Age-dependent loss of tolerance to an immunodominant epitope of glutamic acid decarboxylase in diabetic-prone RIP-B7/DR4 mice. <i>Clinical Immunology</i> , 2006, 121, 294-304.	3.2	14
27	Antigen-specific immunomodulation for type 1 diabetes by novel recombinant antibodies directed against diabetes-associated auto-reactive T cell epitope. <i>Journal of Autoimmunity</i> , 2013, 47, 83-93.	6.5	14
28	Inhibition of altered peptide ligand-mediated antagonism of human GAD65-responsive CD4+ T cells by non-antagonizable T cells. <i>European Journal of Immunology</i> , 2004, 34, 3337-3345.	2.9	13
29	Structural and Nonstructural Viral Proteins Are Targets of T-Helper Immune Response against Human Respiratory Syncytial Virus. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2141-2151.	3.8	10
30	Thermodynamics of the first transition in writhe of a small circular DNA by Monte Carlo simulation. <i>Biopolymers</i> , 1996, 38, 493-503.	2.4	9
31	Genetically modified human CD4 ⁺ T cells can be evaluated in vivo without lethal graft-versus-host disease. <i>Immunology</i> , 2016, 148, 339-351.	4.4	9
32	Thermodynamics of the first transition in writhe of a small circular DNA by Monte Carlo simulation. <i>Biopolymers</i> , 1996, 38, 493-503.	2.4	8
33	IL-10 Induction from Implants Delivering Pancreatic Islets and Hyaluronan. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-9.	2.3	6
34	Hyaluronan synthesis inhibition impairs antigen presentation and delays transplantation rejection. <i>Matrix Biology</i> , 2021, 96, 69-86.	3.6	6
35	Intramolecular interference effects in dynamic light scattering from rigid rings. <i>Biopolymers</i> , 1993, 33, 1757-1764.	2.4	5
36	Autoreactive T Cells in a Partially Humanized Murine Model of T1D. <i>Annals of the New York Academy of Sciences</i> , 2007, 1103, 69-76.	3.8	5

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37	A Novel Approach of Identifying Immunodominant Self and Viral Antigen Cross-Reactive T Cells and Defining the Epitopes They Recognize. <i>Frontiers in Immunology</i> , 2018, 9, 2811.	4.8	3
38	Modulation of hyaluronan synthases and involvement of T cell-derived hyaluronan in autoimmune responses to transplanted islets. <i>Matrix Biology Plus</i> , 2021, 9, 100052.	3.5	3
39	Tracking Antigen Specific CD4+ T-Cells With Soluble MHC Molecules. <i>Methods in Molecular Medicine</i> , 2007, 136, 39-50.	0.8	2
40	Comparison of hardâ€œcylinder and screened coulomb interactions in the modeling of supercoiled DNAs. <i>Biopolymers</i> , 1997, 42, 455-470.	2.4	1