

Edward F Rosloniec

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,795
citations

567281
15
h-index

610901
24
g-index

24
all docs

24
docs citations

24
times ranked

2900
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen-induced arthritis. <i>Nature Protocols</i> , 2007, 2, 1269-1275.	12.0	1,046
2	An HLA-DR1 Transgene Confers Susceptibility to Collagen-induced Arthritis Elicited with Human Type II Collagen. <i>Journal of Experimental Medicine</i> , 1997, 185, 1113-1122.	8.5	216
3	HLA-DR1 (DRB1*0101) and DR4 (DRB1*0401) Use the Same Anchor Residues for Binding an Immunodominant Peptide Derived from Human Type II Collagen. <i>Journal of Immunology</i> , 2002, 168, 253-259.	0.8	96
4	Collagen-Induced Arthritis. <i>Current Protocols in Immunology</i> , 2010, 89, Unit 15.5.1-25.	3.6	68
5	Bone loss and aggravated autoimmune arthritis in HLA-DR1 ² -bearing humanized mice following oral challenge with <i>Porphyromonas gingivalis</i> . <i>Arthritis Research and Therapy</i> , 2016, 18, 249.	3.5	48
6	Ex Vivo Characterization of the Autoimmune T Cell Response in the HLA-DR1 Mouse Model of Collagen-Induced Arthritis Reveals Long-Term Activation of Type II Collagen-Specific Cells and Their Presence in Arthritic Joints. <i>Journal of Immunology</i> , 2005, 174, 3978-3985.	0.8	47
7	Shared epitope-aryl hydrocarbon receptor crosstalk underlies the mechanism of gene-environment interaction in autoimmune arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4755-4760.	7.1	45
8	Genetic restriction of antigen-presentation dictates allergic sensitization and disease in humanized mice. <i>EBioMedicine</i> , 2018, 31, 66-78.	6.1	24
9	Crystallographic Structure of a Rheumatoid Arthritis MHC Susceptibility Allele, HLA-DR1 (DRB1*0101), Complexed with the Immunodominant Determinant of Human Type II Collagen. <i>Journal of Immunology</i> , 2006, 177, 3884-3892.	0.8	23
10	Leukocyte-associated immunoglobulin-like receptor 1 inhibits T-cell signaling by decreasing protein phosphorylation in the T-cell signaling pathway. <i>Journal of Biological Chemistry</i> , 2020, 295, 2239-2247.	3.4	23
11	A Molecular Analysis of the Shared Epitope Hypothesis: Binding of Arthritogenic Peptides to DRB1*04 Alleles. <i>Arthritis and Rheumatology</i> , 2016, 68, 1627-1636.	5.6	17
12	An Autoantigen-Specific, Highly Restricted T Cell Repertoire Infiltrates the Arthritic Joints of Mice in an HLA-DR1 Humanized Mouse Model of Autoimmune Arthritis. <i>Journal of Immunology</i> , 2010, 185, 110-118.	0.8	16
13	Characterization of T cell phenotype and function in a double transgenic (collagen-specific) Tj ETQq1.1.0.784314.rgBT/Overlock 10 Tj	3.5	16
14	The Role of Leukocyte-Associated Ig-like Receptor-1 in Suppressing Collagen-Induced Arthritis. <i>Journal of Immunology</i> , 2017, 199, 2692-2700.	0.8	16
15	T cell receptors recognizing type II collagen in HLA-DR-transgenic mice characterized by highly restricted V γ usage. <i>Arthritis and Rheumatism</i> , 2004, 50, 1996-2004.	6.7	15
16	CD8 ⁺ T Cells Expressing an HLA-DR1 Chimeric Antigen Receptor Target Autoimmune CD4 ⁺ T Cells in an Antigen-Specific Manner and Inhibit the Development of Autoimmune Arthritis. <i>Journal of Immunology</i> , 2022, 208, 16-26.	0.8	15
17	The CII-specific autoimmune T-cell response develops in the presence of FTY720 but is regulated by enhanced Treg cells that inhibit the development of autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 8.	3.5	14
18	The role of posttranslational modifications in generating neo-epitopes that bind to rheumatoid arthritis-associated HLA-DR alleles and promote autoimmune T cell responses. <i>PLoS ONE</i> , 2021, 16, e0245541.	2.5	14

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19	Engineered Regulatory T Cells Coexpressing MHC Class II:Peptide Complexes Are Efficient Inhibitors of Autoimmune T Cell Function and Prevent the Development of Autoimmune Arthritis. Journal of Immunology, 2013, 190, 5382-5391.	0.8	12
20	Arthritogenic peptide binding to DRB1*01 alleles correlates with susceptibility to rheumatoid arthritis. Journal of Autoimmunity, 2016, 72, 25-32.	6.5	9
21	Collagen-Induced Arthritis Mouse Model. Current Protocols, 2021, 1, e313.	2.9	8
22	The role of Syk in peripheral T cells. Clinical Immunology, 2018, 192, 50-57.	3.2	4
23	Peptide ligand structure and I-A _g binding avidity influence T cell signaling pathway utilization. Clinical Immunology, 2015, 160, 188-197.	3.2	2
24	Ameliorating effects of GÅ¶6976, a pharmacological agent that inhibits protein kinase D, on collagen-induced arthritis. PLoS ONE, 2019, 14, e0226145.	2.5	1