

Rickard Holmdahl

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4774576/rickard-holmdahl-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

424
papers

20,600
citations

77
h-index

125
g-index

446
ext. papers

23,222
ext. citations

7.5
avg, IF

6.45
L-index

#	Paper	IF	Citations
4 ²⁴	Identification of oxidative stress and Toll-like receptor 4 signaling as a key pathway of acute lung injury. <i>Cell</i> , 2008 , 133, 235-49	56.2	965
4 ²³	Positional identification of Ncf1 as a gene that regulates arthritis severity in rats. <i>Nature Genetics</i> , 2003 , 33, 25-32	36.3	584
4 ²²	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. <i>Nature Medicine</i> , 2014 , 20, 511-7	50.5	516
4 ²¹	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
4 ²⁰	Expression of a transgenic class II Ab gene confers susceptibility to collagen-induced arthritis. <i>European Journal of Immunology</i> , 1994 , 24, 1698-702	6.1	419
4 ¹⁹	Characterization of the antibody response in mice with type II collagen-induced arthritis, using monoclonal anti-type II collagen antibodies. <i>Arthritis and Rheumatism</i> , 1986 , 29, 400-10		347
4 ¹⁸	Predominant selection of T cells specific for the glycosylated collagen type II epitope (263-270) in humanized transgenic mice and in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9960-5	11.5	346
4 ¹⁷	A humanized model for multiple sclerosis using HLA-DR2 and a human T-cell receptor. <i>Nature Genetics</i> , 1999 , 23, 343-7	36.3	284
4 ¹⁶	Enhanced autoimmunity, arthritis, and encephalomyelitis in mice with a reduced oxidative burst due to a mutation in the Ncf1 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12646-51	11.5	273
4 ¹⁵	Glycosylation of type II collagen is of major importance for T cell tolerance and pathology in collagen-induced arthritis. <i>European Journal of Immunology</i> , 2002 , 32, 3776-84	6.1	259
4 ¹⁴	Type II collagen autoimmunity in animals and provocations leading to arthritis. <i>Immunological Reviews</i> , 1990 , 118, 193-232	11.3	255
4 ¹³	Progress and prospects in rat genetics: a community view. <i>Nature Genetics</i> , 2008 , 40, 516-22	36.3	234
4 ¹²	Collagen type II-specific monoclonal antibody-induced arthritis in mice: description of the disease and the influence of age, sex, and genes. <i>American Journal of Pathology</i> , 2003 , 163, 1827-37	5.8	233
4 ¹¹	Estrogen induces a potent suppression of experimental autoimmune encephalomyelitis and collagen-induced arthritis in mice. <i>Journal of Neuroimmunology</i> , 1994 , 53, 203-7	3.5	199
4 ¹⁰	Induced disruption of the transforming growth factor beta type II receptor gene in mice causes a lethal inflammatory disorder that is transplantable. <i>Blood</i> , 2002 , 100, 560-8	2.2	188
4 ⁰⁹	Regulation of autoantibody activity by the IL-23-T17 axis determines the onset of autoimmune disease. <i>Nature Immunology</i> , 2017 , 18, 104-113	19.1	187
4 ⁰⁸	Induction of regulatory T cells by macrophages is dependent on production of reactive oxygen species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17686-91	11.5	181

407	A putative vulnerability locus to multiple sclerosis maps to 5p14-p12 in a region syntenic to the murine locus Eae2. <i>Nature Genetics</i> , 1996 , 13, 477-80	36.3	181
406	Structure and pathogenicity of antibodies specific for citrullinated collagen type II in experimental arthritis. <i>Journal of Experimental Medicine</i> , 2009 , 206, 449-62	16.6	180
405	IFN-beta gene deletion leads to augmented and chronic demyelinating experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2003 , 170, 4776-84	5.3	177
404	The protective role of ROS in autoimmune disease. <i>Trends in Immunology</i> , 2009 , 30, 201-8	14.4	176
403	Antibodies to several citrullinated antigens are enriched in the joints of rheumatoid arthritis patients. <i>Arthritis and Rheumatism</i> , 2010 , 62, 44-52		172
402	T cell surface redox levels determine T cell reactivity and arthritis susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12831-6	11.5	172
401	Homologous type II collagen induces chronic and progressive arthritis in mice. <i>Arthritis and Rheumatism</i> , 1986 , 29, 106-13		171
400	Macrophages suppress T cell responses and arthritis development in mice by producing reactive oxygen species. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3020-8	15.9	169
399	Arthritis induced in rats with nonimmunogenic adjuvants as models for rheumatoid arthritis. <i>Immunological Reviews</i> , 2001 , 184, 184-202	11.3	167
398	Humoral immune response to citrullinated collagen type II determinants in early rheumatoid arthritis. <i>European Journal of Immunology</i> , 2005 , 35, 1643-52	6.1	164
397	Identification of murine loci associated with susceptibility to chronic experimental autoimmune encephalomyelitis. <i>Nature Genetics</i> , 1995 , 10, 313-7	36.3	158
396	Autoantibodies to citrullinated proteins induce joint pain independent of inflammation via a chemokine-dependent mechanism. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 730-8	2.4	155
395	Genetic control of arthritis onset, severity and chronicity in a model for rheumatoid arthritis in rats. <i>Nature Genetics</i> , 1998 , 20, 401-4	36.3	152
394	Multiplex analyses of antibodies against citrullinated peptides in individuals prior to development of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2013 , 65, 899-910		142
393	NOX2 complex-derived ROS as immune regulators. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 2197-2088.4		136
392	In vivo imaging of reactive oxygen and nitrogen species in inflammation using the luminescent probe L-012. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 760-6	7.8	136
391	Epitope glycosylation plays a critical role for T cell recognition of type II collagen in collagen-induced arthritis. <i>European Journal of Immunology</i> , 1998 , 28, 2580-90	6.1	136
390	Treatment with gamma-interferon triggers the onset of collagen arthritis in mice. <i>Arthritis and Rheumatism</i> , 1988 , 31, 1297-304		136

389	Combined sequence-based and genetic mapping analysis of complex traits in outbred rats. <i>Nature Genetics</i> , 2013 , 45, 767-75	36.3	131
388	Rheumatoid arthritis and the complement system. <i>Annals of Medicine</i> , 2007 , 39, 517-30	1.5	128
387	Genetic and environmental determinants for disease risk in subsets of rheumatoid arthritis defined by the anticitrullinated protein/peptide antibody fine specificity profile. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 652-8	2.4	127
386	Estrogen accelerates immune complex glomerulonephritis but ameliorates T cell-mediated vasculitis and sialadenitis in autoimmune MRL lpr/lpr mice. <i>Cellular Immunology</i> , 1992 , 144, 190-202	4.4	127
385	Epitope-specific recognition of type II collagen by rheumatoid arthritis antibodies is shared with recognition by antibodies that are arthritogenic in collagen-induced arthritis in the mouse. <i>Arthritis and Rheumatism</i> , 2002 , 46, 2339-48		125
384	The molecular pathogenesis of collagen-induced arthritis in mice--a model for rheumatoid arthritis. <i>Ageing Research Reviews</i> , 2002 , 1, 135-47	12	125
383	Homologous type II collagen-induced arthritis in rats. Characterization of the disease and demonstration of clinically distinct forms of arthritis in two strains of rats after immunization with the same collagen preparation. <i>Arthritis and Rheumatism</i> , 1990 , 33, 693-701		119
382	Adjuvant oils induce arthritis in the DA rat. I. Characterization of the disease and evidence for an immunological involvement. <i>Journal of Autoimmunity</i> , 1991 , 4, 871-80	15.5	119
381	Female sex hormones suppress development of collagen-induced arthritis in mice. <i>Arthritis and Rheumatism</i> , 1986 , 29, 1501-9		117
380	Identification of an immunodominant type-II collagen peptide recognized by T cells in H-2q mice: self tolerance at the level of determinant selection. <i>European Journal of Immunology</i> , 1992 , 22, 1819-25	6.1	116
379	Induction of autoimmune disease by deletion of CTLA-4 in mice in adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E2383-92	11.5	114
378	Induction of arthritis by single monoclonal IgG anti-collagen type II antibodies and enhancement of arthritis in mice lacking inhibitory FcγRIIB. <i>European Journal of Immunology</i> , 2003 , 33, 2269-77	6.1	107
377	Efficient promotion of collagen antibody induced arthritis (CAIA) using four monoclonal antibodies specific for the major epitopes recognized in both collagen induced arthritis and rheumatoid arthritis. <i>Journal of Immunological Methods</i> , 2005 , 304, 126-36	2.5	106
376	Environmental and genetic factors in the development of anticitrullinated protein antibodies (ACPAs) and ACPA-positive rheumatoid arthritis: an epidemiological investigation in twins. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 375-80	2.4	105
375	A new arthritis therapy with oxidative burst inducers. <i>PLoS Medicine</i> , 2006 , 3, e348	11.6	103
374	High antibody response to autologous type II collagen is restricted to H-2q. <i>Immunogenetics</i> , 1986 , 24, 84-9	3.2	103
373	Analysis of type II collagen-reactive T cells in the mouse. I. Different regulation of autoreactive vs. non-autoreactive anti-type II collagen T cells in the DBA/1 mouse. <i>European Journal of Immunology</i> , 1990 , 20, 1061-6	6.1	102
372	Rheumatoid arthritis: the role of reactive oxygen species in disease development and therapeutic strategies. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1541-67	8.4	100

371	Collagen type II (CII)-specific antibodies induce arthritis in the absence of T or B cells but the arthritis progression is enhanced by CII-reactive T cells. <i>Arthritis Research</i> , 2004 , 6, R544-50		100
370	The Th2 cytokines IL-4 and IL-10 are not crucial for the completion of allogeneic pregnancy in mice. <i>Journal of Reproductive Immunology</i> , 2001 , 51, 3-7	4.2	100
369	Antibody-induced arthritis: disease mechanisms and genes involved at the effector phase of arthritis. <i>Arthritis Research and Therapy</i> , 2006 , 8, 223	5.7	97
368	Complement activation by both classical and alternative pathways is critical for the effector phase of arthritis. <i>European Journal of Immunology</i> , 2004 , 34, 1208-16	6.1	97
367	Genetic linkage analysis of collagen-induced arthritis in the mouse. <i>European Journal of Immunology</i> , 1998 , 28, 3321-8	6.1	95
366	Mannan induces ROS-regulated, IL-17A-dependent psoriasis arthritis-like disease in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3669-78	11.5	94
365	Collagen induced arthritis as an experimental model for rheumatoid arthritis. Immunogenetics, pathogenesis and autoimmunity. <i>Apmis</i> , 1989 , 97, 575-84	3.4	94
364	Endoglycosidase treatment abrogates IgG arthritogenicity: importance of IgG glycosylation in arthritis. <i>European Journal of Immunology</i> , 2007 , 37, 2973-82	6.1	91
363	Evidence for common autoimmune disease genes controlling onset, severity, and chronicity based on experimental models for multiple sclerosis and rheumatoid arthritis. <i>Journal of Immunology</i> , 2000 , 164, 1564-8	5.3	91
362	Anti-carbamylated protein antibodies in the pre-symptomatic phase of rheumatoid arthritis, their relationship with multiple anti-citrulline peptide antibodies and association with radiological damage. <i>Arthritis Research and Therapy</i> , 2015 , 17, 25	5.7	90
361	IL-10-deficient B10.Q mice develop more severe collagen-induced arthritis, but are protected from arthritis induced with anti-type II collagen antibodies. <i>Journal of Immunology</i> , 2001 , 167, 3505-12	5.3	87
360	A novel long noncoding RNA Lnc-HC binds hnRNPA2B1 to regulate expressions of Cyp7a1 and Abca1 in hepatocytic cholesterol metabolism. <i>Hepatology</i> , 2016 , 64, 58-72	11.2	86
359	Reactive oxygen species deficiency induces autoimmunity with type 1 interferon signature. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 2231-45	8.4	84
358	A rapid and efficient immunization protocol for production of monoclonal antibodies reactive with autoantigens. <i>Journal of Immunological Methods</i> , 1985 , 83, 379-84	2.5	83
357	Cytosolic ROS production by NADPH oxidase 2 regulates muscle glucose uptake during exercise. <i>Nature Communications</i> , 2019 , 10, 4623	17.4	81
356	Genetic control of collagen-induced arthritis in a cross with NOD and C57BL/10 mice is dependent on gene regions encoding complement factor 5 and FcgammaRIIb and is not associated with loci controlling diabetes. <i>European Journal of Immunology</i> , 2001 , 31, 1847-56	6.1	80
355	Collagen-induced arthritis development requires alpha beta T cells but not gamma delta T cells: studies with T cell-deficient (TCR mutant) mice. <i>International Immunology</i> , 1999 , 11, 1065-73	4.9	80
354	Ncf1 polymorphism reveals oxidative regulation of autoimmune chronic inflammation. <i>Immunological Reviews</i> , 2016 , 269, 228-47	11.3	80

353	Autoimmune priming, tissue attack and chronic inflammation - the three stages of rheumatoid arthritis. <i>European Journal of Immunology</i> , 2014 , 44, 1593-9	6.1	79
352	Collagen antibody-induced arthritis evokes persistent pain with spinal glial involvement and transient prostaglandin dependency. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3886-96		78
351	Animal models for arthritis: innovative tools for prevention and treatment. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1357-62	2.4	78
350	Reactive oxygen species produced by the NADPH oxidase 2 complex in monocytes protect mice from bacterial infections. <i>Journal of Immunology</i> , 2012 , 188, 5003-11	5.3	78
349	Clonal expansion of T lymphocytes causes arthritis and mortality in mice infected with toxic shock syndrome toxin-1-producing staphylococci. <i>European Journal of Immunology</i> , 1994 , 24, 1161-6	6.1	78
348	Lack of reactive oxygen species breaks T cell tolerance to collagen type II and allows development of arthritis in mice. <i>Journal of Immunology</i> , 2007 , 179, 1431-7	5.3	77
347	Ethanol prevents development of destructive arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 258-63	11.5	76
346	A case-control study of rheumatoid arthritis identifies an associated single nucleotide polymorphism in the NCF4 gene, supporting a role for the NADPH-oxidase complex in autoimmunity. <i>Arthritis Research and Therapy</i> , 2007 , 9, R98	5.7	76
345	Experimental lupus is aggravated in mouse strains with impaired induction of neutrophil extracellular traps. <i>JCI Insight</i> , 2017 , 2,	9.9	75
344	Antibodies to citrullinated proteins: molecular interactions and arthritogenicity. <i>Immunological Reviews</i> , 2010 , 233, 9-33	11.3	75
343	Anti-T cell receptor antibody treatment of rats with established autologous collagen-induced arthritis: suppression of arthritis without reduction of anti-type II collagen autoantibody levels. <i>European Journal of Immunology</i> , 1991 , 21, 1327-30	6.1	75
342	The structural basis of MHC control of collagen-induced arthritis; binding of the immunodominant type II collagen 256-270 glycopeptide to H-2Aq and H-2Ap molecules. <i>European Journal of Immunology</i> , 1998 , 28, 755-67	6.1	73
341	Integrated bioprocess for the production and isolation of urokinase from animal cell culture using supermacroporous cryogel matrices. <i>Biotechnology and Bioengineering</i> , 2006 , 93, 636-46	4.9	73
340	T Cells Recognize a Glycopeptide Derived from Type II Collagen in a Model for Rheumatoid Arthritis. <i>Journal of the American Chemical Society</i> , 1998 , 120, 7676-7683	16.4	72
339	Arthritis-related B cell epitopes in collagen II are conformation-dependent and sterically privileged in accessible sites of cartilage collagen fibrils. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1551-61	5.4	71
338	Pristane, a non-antigenic adjuvant, induces MHC class II-restricted, arthritogenic T cells in the rat. <i>Journal of Immunology</i> , 2006 , 176, 1172-9	5.3	69
337	The major T cell epitope on type II collagen is glycosylated in normal cartilage but modified by arthritis in both rats and humans. <i>European Journal of Immunology</i> , 2005 , 35, 357-66	6.1	68
336	The major histocompatibility complex influences myelin basic protein 63-88-induced T cell cytokine profile and experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 1993 , 23, 3089-95	6.1	68

335	Neuroendocrine profile in a rat model of psychosocial stress: relation to oxidative stress. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1385-99	8.4	66
334	A single nucleotide polymorphism in the gene leading to reduced oxidative burst is associated with systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1607-1613	2.4	65
333	Monocyte- and macrophage-targeted NADPH oxidase mediates antifungal host defense and regulation of acute inflammation in mice. <i>Journal of Immunology</i> , 2013 , 190, 4175-84	5.3	65
332	The plasminogen activator/plasmin system is essential for development of the joint inflammatory phase of collagen type II-induced arthritis. <i>American Journal of Pathology</i> , 2005 , 166, 783-92	5.8	64
331	A resource for the simultaneous high-resolution mapping of multiple quantitative trait loci in rats: the NIH heterogeneous stock. <i>Genome Research</i> , 2009 , 19, 150-8	9.7	63
330	A comparative analysis of B cell-mediated myelin oligodendrocyte glycoprotein-experimental autoimmune encephalomyelitis pathogenesis in B cell-deficient mice reveals an effect on demyelination. <i>European Journal of Immunology</i> , 2002 , 32, 1939-46	6.1	63
329	Reactivity of monoclonal anti-type II collagen antibodies with cartilage and synovial tissue in rheumatoid arthritis and osteoarthritis. <i>Arthritis and Rheumatism</i> , 1986 , 29, 730-8		63
328	Validation of a multiplex chip-based assay for the detection of autoantibodies against citrullinated peptides. <i>Arthritis Research and Therapy</i> , 2012 , 14, R201	5.7	62
327	Macrophages, but not dendritic cells, present collagen to T cells. <i>European Journal of Immunology</i> , 1995 , 25, 2234-41	6.1	62
326	NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. <i>Free Radical Biology and Medicine</i> , 2017 , 112, 387-396	7.8	60
325	The occurrence of autoantibodies to matrilin 1 reflects a tissue-specific response to cartilage of the respiratory tract in patients with relapsing polychondritis. <i>Arthritis and Rheumatism</i> , 2001 , 44, 2402-12		60
324	The role of collagen antibodies in mediating arthritis. <i>Modern Rheumatology</i> , 2008 , 18, 429-441	3.3	59
323	Antigen processing and presentation of a naturally glycosylated protein elicits major histocompatibility complex class II-restricted, carbohydrate-specific T cells. <i>European Journal of Immunology</i> , 1996 , 26, 1906-10	6.1	59
322	Screening of several H-2 congenic mouse strains identified H-2(q) mice as highly susceptible to MOG-induced EAE with minimal adjuvant requirement. <i>Journal of Neuroimmunology</i> , 2000 , 111, 23-33	3.5	58
321	Chronic development of collagen-induced arthritis is associated with arthritogenic antibodies against specific epitopes on type II collagen. <i>Arthritis Research and Therapy</i> , 2005 , 7, R1148-57	5.7	57
320	Chronic experimental autoimmune encephalomyelitis induced by the 89-101 myelin basic protein peptide in B10RIII (H-2r) mice. <i>European Journal of Immunology</i> , 1991 , 21, 693-9	6.1	57
319	Copy number variation of the gene NCF1 is associated with rheumatoid arthritis. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 71-8	8.4	55
318	Characterization of a spontaneously occurring arthritis in male DBA/1 mice. <i>Arthritis and Rheumatism</i> , 1992 , 35, 717-22		54

317	Monoclonal anti-parathyroid antibodies interfering with a Ca ²⁺ -sensor of human parathyroid cells. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 143, 570-4	3.4	53
316	The cathelicidins LL-37 and rCRAMP are associated with pathogenic events of arthritis in humans and rats. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1239-48	2.4	52
315	Genetics of susceptibility to chronic experimental encephalomyelitis and arthritis. <i>Current Opinion in Immunology</i> , 1998 , 10, 710-7	7.8	52
314	Immunoglobulin-secreting cells of maternal origin can be detected in B cell-deficient mice. <i>Biology of Reproduction</i> , 2000 , 63, 1817-24	3.9	52
313	Cleaver-1/stabilin-1 controls cancer growth and metastasis. <i>Clinical Cancer Research</i> , 2014 , 20, 6452-64	12.9	51
312	Comment on "The Influence of the Proinflammatory Cytokine, Osteopontin, on Autoimmune Demyelinating Disease". <i>Science</i> , 2003 , 299, 1845a-1845	33.3	51
311	Therapeutic vaccination of active arthritis with a glycosylated collagen type II peptide in complex with MHC class II molecules. <i>Journal of Immunology</i> , 2006 , 176, 1525-33	5.3	50
310	IL-4-deficient mice develop less acute but more chronic relapsing collagen-induced arthritis. <i>European Journal of Immunology</i> , 2002 , 32, 2944-53	6.1	48
309	Enhanced XOR activity in eNOS-deficient mice: Effects on the nitrate-nitrite-NO pathway and ROS homeostasis. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 472-484	7.8	48
308	The rheumatoid arthritis-associated autoantigen hnRNP-A2 (RA33) is a major stimulator of autoimmunity in rats with pristane-induced arthritis. <i>Journal of Immunology</i> , 2007 , 179, 7568-76	5.3	47
307	CD1-dependent regulation of chronic central nervous system inflammation in experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2004 , 172, 186-94	5.3	47
306	How well do ACPA discriminate and predict RA in the general population: a study based on 12 590 population-representative Swedish twins. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 119-125	2.4	45
305	Arthritogenic antibodies specific for a major type II collagen triple-helical epitope bind and destabilize cartilage independent of inflammation. <i>Arthritis and Rheumatism</i> , 2008 , 58, 184-96		45
304	Neurodegeneration and glial activation patterns after mechanical nerve injury are differentially regulated by non-MHC genes in congenic inbred rat strains. <i>Journal of Comparative Neurology</i> , 2001 , 431, 75-87	3.4	45
303	Hyperinflammation of chronic granulomatous disease is abolished by NOX2 reconstitution in macrophages and dendritic cells. <i>Journal of Pathology</i> , 2012 , 228, 341-50	9.4	44
302	Transgenic mouse models of rheumatoid arthritis. <i>Immunological Reviews</i> , 1999 , 169, 161-73	11.3	44
301	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. <i>PLoS ONE</i> , 2016 , 11, e0155936	3.7	44
300	The need for littermate controls. <i>European Journal of Immunology</i> , 2012 , 42, 45-7	6.1	43

299	Binding of autoreactive mouse anti-type II collagen antibodies derived from the primary and the secondary immune response investigated with the biosensor technique. <i>Journal of Immunological Methods</i> , 1995 , 188, 63-71	2.5	43
298	Identification of new citrulline-specific autoantibodies, which bind to human arthritic cartilage, by mass spectrometric analysis of citrullinated type II collagen. <i>Arthritis and Rheumatology</i> , 2014 , 66, 1440-9	9.5	42
297	A new animal model for relapsing polycondritis, induced by cartilage matrix protein (matrilin-1). <i>Journal of Clinical Investigation</i> , 1999 , 104, 589-98	15.9	42
296	Hydrogen peroxide as an immunological transmitter regulating autoreactive T cells. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1463-74	8.4	41
295	Structures on the I-A molecule predisposing for susceptibility to type II collagen-induced autoimmune arthritis. <i>European Journal of Immunology</i> , 1990 , 20, 2127-31	6.1	41
294	Estrogen induced suppression of collagen arthritis. V: Physiological level of estrogen in DBA/1 mice is therapeutic on established arthritis, suppresses anti-type II collagen T-cell dependent immunity and stimulates polyclonal B-cell activity. <i>Journal of Autoimmunity</i> , 1990 , 3, 257-70	15.5	41
293	Rheumatoid factor isotypes in relation to antibodies against citrullinated peptides and carbamylated proteins before the onset of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 43	5.7	40
292	The mtDNA nt7778 G/T polymorphism affects autoimmune diseases and reproductive performance in the mouse. <i>Human Molecular Genetics</i> , 2009 , 18, 4689-98	5.6	40
291	Identification and isolation of dominant susceptibility loci for pristane-induced arthritis. <i>Journal of Immunology</i> , 2003 , 171, 407-16	5.3	40
290	Homologous collagen-induced arthritis in rats and mice are associated with structurally different major histocompatibility complex DQ-like molecules. <i>European Journal of Immunology</i> , 1992 , 22, 419-24	6.1	40
289	Multifunctional T cell reactivity with native and glycosylated type II collagen in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2482-8		39
288	Advanced intercross line mapping of Eae5 reveals Ncf-1 and CLDN4 as candidate genes for experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2006 , 176, 6055-64	5.3	39
287	Influence of CD4 or CD8 deficiency on collagen-induced arthritis. <i>Immunology</i> , 2001 , 103, 291-300	7.8	39
286	Autoimmune recognition of cartilage collagens. <i>Annals of Medicine</i> , 1993 , 25, 251-64	1.5	39
285	Immunohistochemical characterization of synovial cells in arthritic MRL-lpr/lpr mice. <i>Arthritis and Rheumatism</i> , 1987 , 30, 75-82		39
284	Associations of antibodies against citrullinated peptides with human leukocyte antigen-shared epitope and smoking prior to the development of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 125	5.7	38
283	Identification of a region in p47phox/NCF1 crucial for phagocytic NADPH oxidase (NOX2) activation. <i>Journal of Leukocyte Biology</i> , 2013 , 93, 427-35	6.5	38
282	Evaluation of the percentage of peripheral T cells with two different T cell receptor alpha-chains and of their potential role in autoimmunity. <i>Journal of Autoimmunity</i> , 2001 , 16, 423-9	15.5	38

281	Pathogenic IgG antibodies against desmoglein 3 in pemphigus vulgaris are regulated by HLA-DRB1*04:02-restricted T cells. <i>Journal of Immunology</i> , 2014 , 193, 4391-9	5.3	36
280	Major histocompatibility complex-controlled protective influences on experimental autoimmune encephalomyelitis are peptide specific. <i>European Journal of Immunology</i> , 1997 , 27, 1584-7	6.1	36
279	Ncf1 (p47phox) polymorphism determines oxidative burst and the severity of arthritis in rats and mice. <i>Cellular Immunology</i> , 2005 , 233, 97-101	4.4	36
278	Are B lymphocytes of importance in severe Staphylococcus aureus infections?. <i>Infection and Immunity</i> , 2000 , 68, 2431-4	3.7	36
277	In vivo treatment with interferon-gamma during early pregnancy in mice induces strong expression of major histocompatibility complex class I and II molecules in uterus and decidua but not in extra-embryonic tissues. <i>Biology of Reproduction</i> , 1992 , 46, 1176-86	3.9	36
276	Variable region gene selection of immunoglobulin G-expressing B cells with specificity for a defined epitope on type II collagen. <i>European Journal of Immunology</i> , 1993 , 23, 2503-10	6.1	36
275	Multiple epitopes on cartilage type II collagen are accessible for antibody binding in vivo. <i>Autoimmunity</i> , 1991 , 10, 27-34	3	36
274	Endogenous collagen peptide activation of CD1d-restricted NKT cells ameliorates tissue-specific inflammation in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 249-64	15.9	36
273	The role of collagen antibodies in mediating arthritis. <i>Modern Rheumatology</i> , 2008 , 18, 429-41	3.3	36
272	T cells specific for post-translational modifications escape intrathymic tolerance induction. <i>Nature Communications</i> , 2018 , 9, 353	17.4	35
271	Collagen antibody induced arthritis. <i>Methods in Molecular Medicine</i> , 2007 , 136, 215-23		35
270	Novel quantitative trait loci controlling development of experimental autoimmune encephalomyelitis and proportion of lymphocyte subpopulations. <i>Journal of Immunology</i> , 2003 , 170, 1019-26	5.3	35
269	Stromal cells and osteoclasts are responsible for exacerbated collagen-induced arthritis in interferon-beta-deficient mice. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3739-48		35
268	Cartilage-binding antibodies induce pain through immune complex-mediated activation of neurons. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1904-1924	16.6	34
267	Type II collagen antibody response is enriched in the synovial fluid of rheumatoid joints and directed to the same major epitopes as in collagen induced arthritis in primates and mice. <i>Arthritis Research and Therapy</i> , 2014 , 16, R143	5.7	34
266	Tracking of proinflammatory collagen-specific T cells in early and late collagen-induced arthritis in humanized mice. <i>Journal of Immunology</i> , 2004 , 173, 7037-45	5.3	34
265	Complex genetic control in a rat model for rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2000 , 15, 425-33.5	3.5	34
264	Anti-citrullinated protein antibodies cause arthritis by cross-reactivity to joint cartilage. <i>JCI Insight</i> , 2017 , 2,	9.9	34

263	Structural Basis of Cross-Reactivity of Anti-Citrullinated Protein Antibodies. <i>Arthritis and Rheumatology</i> , 2019 , 71, 210-221	9.5	33
262	Association between protein tyrosine phosphatase 22 variant R620W in conjunction with the HLA-DRB1 shared epitope and humoral autoimmunity to an immunodominant epitope of cartilage-specific type II collagen in early rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2006 , 54, 82-9		33
261	Arthritis induced with cartilage-specific antibodies is IL-4-dependent. <i>European Journal of Immunology</i> , 2006 , 36, 1608-18	6.1	33
260	Relapsing polychondritis, induced in mice with matrilin 1, is an antibody- and complement-dependent disease. <i>American Journal of Pathology</i> , 2004 , 164, 959-66	5.8	33
259	Decreased neuropeptide-converting enzyme activities in cerebrospinal fluid during acute but not chronic phases of collagen induced arthritis in rats. <i>Brain Research</i> , 1992 , 581, 273-82	3.7	33
258	Approach for Identifying Human Leukocyte Antigen (HLA)-DR Bound Peptides from Scarce Clinical Samples. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 3017-29	7.6	33
257	Adaptations to high-intensity interval training in skeletal muscle require NADPH oxidase 2. <i>Redox Biology</i> , 2019 , 24, 101188	11.3	32
256	C57BL/6 mice need MHC class II Aq to develop collagen-induced arthritis dependent on autoreactive T cells. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1225-32	2.4	32
255	New loci regulating rat myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2003 , 170, 1062-9	5.3	32
254	Role of glycopeptide-specific T cells in collagen-induced arthritis: an example how post-translational modification of proteins may be involved in autoimmune disease. <i>Annals of Medicine</i> , 2001 , 33, 456-65	1.5	32
253	Chronicity of tissue-specific experimental autoimmune disease: a role for B cells?. <i>Immunological Reviews</i> , 1995 , 144, 109-35	11.3	32
252	Pregnancy in B-cell-deficient mice: postpartum transfer of immunoglobulins prevents neonatal runting and death. <i>Biology of Reproduction</i> , 1994 , 51, 1173-80	3.9	32
251	Affinity purified anti-citrullinated protein/peptide antibodies target antigens expressed in the rheumatoid joint. <i>Arthritis Research and Therapy</i> , 2014 , 16, R167	5.7	31
250	Association of NOX2 subunits genetic variants with autoimmune diseases. <i>Free Radical Biology and Medicine</i> , 2018 , 125, 72-80	7.8	30
249	Down-regulation of miR-144 elicits proinflammatory cytokine production by targeting toll-like receptor 2 in nonalcoholic steatohepatitis of high-fat-diet-induced metabolic syndrome E3 rats. <i>Molecular and Cellular Endocrinology</i> , 2015 , 402, 1-12	4.4	30
248	High expression of liver histone deacetylase 3 contributes to high-fat-diet-induced metabolic syndrome by suppressing the PPAR- α and LXR- β pathways in E3 rats. <i>Molecular and Cellular Endocrinology</i> , 2011 , 344, 69-80	4.4	30
247	Arthritogenic anti-type II collagen antibodies are pathogenic for cartilage-derived chondrocytes independent of inflammatory cells. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1897-906		30
246	Cartilage-specific autoimmunity in rheumatoid arthritis: characterization of a triple helical B cell epitope in the integrin-binding-domain of collagen type II. <i>European Journal of Immunology</i> , 2001 , 31, 1666-73	6.1	30

245	Involvement of macrophages and dendritic cells in synovial inflammation of collagen induced arthritis in DBA/1 mice and spontaneous arthritis in MRL/lpr mice. <i>Autoimmunity</i> , 1991 , 8, 271-80	3	30
244	Anticitrullinated protein/peptide antibody multiplexing defines an extended group of ACPA-positive rheumatoid arthritis patients with distinct genetic and environmental determinants. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 203-211	2.4	30
243	Citrullination of collagen II affects integrin-mediated cell adhesion in a receptor-specific manner. <i>FASEB Journal</i> , 2014 , 28, 3758-68	0.9	29
242	Copy number variation in autoimmunity--importance hidden in complexity?. <i>European Journal of Immunology</i> , 2012 , 42, 1969-76	6.1	29
241	The genetic control of rheumatoid factor production in a rat model of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003 , 48, 3584-96		29
240	Immunization of rats with homologous type XI collagen leads to chronic and relapsing arthritis with different genetics and joint pathology than arthritis induced with homologous type II collagen. <i>Journal of Autoimmunity</i> , 2002 , 18, 199-211	15.5	29
239	Epitope-specific antibody response is controlled by immunoglobulin V(H) polymorphisms. <i>Journal of Experimental Medicine</i> , 2014 , 211, 405-11	16.6	28
238	Genetic interactions in Eae2 control collagen-induced arthritis and the CD4+/CD8+ T cell ratio. <i>Journal of Immunology</i> , 2005 , 174, 533-41	5.3	28
237	Polymeric cryogels are biocompatible, and their biodegradation is independent of oxidative radicals. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 3409-18	5.4	27
236	Genetic links between the acute-phase response and arthritis development in rats. <i>Arthritis and Rheumatism</i> , 2002 , 46, 259-68		27
235	Chronicity of arthritis induced with homologous type II collagen (CII) in rats is associated with anti-CII B-cell activation. <i>Journal of Autoimmunity</i> , 1994 , 7, 739-52	15.5	27
234	Spreading of the immune response to different myelin basic protein peptides in chronic experimental autoimmune encephalomyelitis in B10.RIII mice. <i>European Journal of Immunology</i> , 1995 , 25, 2195-200	6.1	27
233	Estrogen exaggerates lupus but suppresses T-cell-dependent autoimmune disease. <i>Journal of Autoimmunity</i> , 1989 , 2, 651-6	15.5	27
232	Modulation of experimental allergic neuritis in rats by in vivo treatment with monoclonal anti T cell antibodies. <i>Journal of the Neurological Sciences</i> , 1988 , 83, 283-91	3.2	27
231	Cell death and cytokine production induced by autoimmunogenic hydrocarbon oils. <i>Autoimmunity</i> , 2012 , 45, 602-11	3	26
230	The structure, specificity and function of anti-citrullinated protein antibodies. <i>Nature Reviews Rheumatology</i> , 2019 , 15, 503-508	8.1	25
229	Enhancement of antibody-induced arthritis via Toll-like receptor 2 stimulation is regulated by granulocyte reactive oxygen species. <i>American Journal of Pathology</i> , 2012 , 181, 141-50	5.8	25
228	Positioning of a polymorphic quantitative trait nucleotide in the Ncf1 gene controlling oxidative burst response and arthritis severity in rats. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 2373-83	8.4	25

227	A recombinant vaccine effectively induces c5a-specific neutralizing antibodies and prevents arthritis. <i>PLoS ONE</i> , 2010 , 5, e13511	3.7	25
226	Ncf1-associated reduced oxidative burst promotes IL-33R+ T cell-mediated adjuvant-free arthritis in mice. <i>Journal of Immunology</i> , 2009 , 183, 874-81	5.3	25
225	Genetic control of tolerance to type II collagen and development of arthritis in an autologous collagen-induced arthritis model. <i>Journal of Immunology</i> , 2003 , 171, 3493-9	5.3	25
224	Identification of a major antigenic epitope on CNBr-fragment 11 of type II collagen recognized by murine autoreactive B cells. <i>European Journal of Immunology</i> , 1991 , 21, 49-54	6.1	25
223	Germinal Center B Cells Are Essential for Collagen-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 193-203	9.5	23
222	Rheumatoid arthritis: identifying and characterising polymorphisms using rat models. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 1111-1123	4.1	23
221	Mice lacking NCF1 exhibit reduced growth of implanted melanoma and carcinoma tumors. <i>PLoS ONE</i> , 2013 , 8, e84148	3.7	23
220	Cartilage oligomeric matrix protein induction of chronic arthritis in mice. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2000-11		23
219	Contrasting roles of plasminogen deficiency in different rheumatoid arthritis models. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2541-8		23
218	Identification of conformation-dependent epitopes and V gene selection in the B cell response to type II collagen in the DA rat. <i>International Immunology</i> , 2001 , 13, 909-19	4.9	23
217	Deficient production of reactive oxygen species leads to severe chronic DSS-induced colitis in Ncf1/p47phox-mutant mice. <i>PLoS ONE</i> , 2014 , 9, e97532	3.7	23
216	A Novel HLA-DRB1*10:01-Restricted T Cell Epitope From Citrullinated Type II Collagen Relevant to Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1124-35	9.5	22
215	Positional identification of RT1-B (HLA-DQ) as susceptibility locus for autoimmune arthritis. <i>Journal of Immunology</i> , 2015 , 194, 2539-50	5.3	22
214	Crystal structure of an arthritogenic anticollagen immune complex. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3740-8		22
213	The value of animal models in predicting genetic susceptibility to complex diseases such as rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2009 , 11, 226	5.7	22
212	Glycopeptide specificity of helper T cells obtained in mouse models for rheumatoid arthritis. <i>ChemBioChem</i> , 2002 , 3, 1209-22	3.8	22
211	No role of interleukin-4 in CD23/IgE-mediated enhancement of the murine antibody response in vivo. <i>European Journal of Immunology</i> , 1995 , 25, 1469-72	6.1	22
210	A Reduction in Intracellular Reactive Oxygen Species Due to a Mutation in NCF4 Promotes Autoimmune Arthritis in Mice. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 983-996	8.4	21

209	The Macrophage Mannose Receptor Regulate Mannan-Induced Psoriasis, Psoriatic Arthritis, and Rheumatoid Arthritis-Like Disease Models. <i>Frontiers in Immunology</i> , 2018 , 9, 114	8.4	21
208	Bacillus calmette-guerin infection in NADPH oxidase deficiency: defective mycobacterial sequestration and granuloma formation. <i>PLoS Pathogens</i> , 2014 , 10, e1004325	7.6	21
207	Non-HLA genes PTPN22, CDK6 and PADI4 are associated with specific autoantibodies in HLA-defined subgroups of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2014 , 16, 414	5.7	21
206	CD68-expressing cells can prime T cells and initiate autoimmune arthritis in the absence of reactive oxygen species. <i>European Journal of Immunology</i> , 2011 , 41, 403-12	6.1	21
205	Do infectious prey select for high levels of natural antibodies in tropical pythons?. <i>Evolutionary Ecology</i> , 2007 , 21, 271-279	1.8	21
204	Both common and unique susceptibility genes in different rat strains with pristane-induced arthritis. <i>European Journal of Human Genetics</i> , 2002 , 10, 475-83	5.3	21
203	Chronicity of pristane-induced arthritis in rats is controlled by genes on chromosome 14. <i>Journal of Autoimmunity</i> , 2003 , 21, 305-13	15.5	21
202	Allelic variations in rat MHC class II binding of myelin basic protein peptides correlate with encephalitogenicity. <i>International Immunology</i> , 1999 , 11, 1981-8	4.9	21
201	A single functional group substitution in c5a breaks B cell and T cell tolerance and protects against experimental arthritis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 610-21	9.5	20
200	Synthesis of a C-glycoside analogue of beta-D-galactosyl hydroxynorvaline and its use in immunological studies. <i>ChemBioChem</i> , 2000 , 1, 272-80	3.8	20
199	Monoclonal antibody production using a new supermacroporous cryogel bioreactor. <i>Biotechnology Progress</i> , 2007 , 23, 932-9	2.8	20
198	In vivo imaging of reactive oxygen and nitrogen species in murine colitis. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 1435-47	4.5	19
197	Oxazole-modified glycopeptides that target arthritis-associated class II MHC A(q) and DR4 proteins. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2931-40	3.9	19
196	Tolerance induction using lentiviral gene delivery delays onset and severity of collagen II arthritis. <i>Molecular Therapy</i> , 2009 , 17, 632-40	11.7	19
195	Transgenic mice expressing human FcγRIIIa have enhanced sensitivity to induced autoimmune arthritis as well as elevated Th17 cells. <i>Immunology Letters</i> , 2010 , 130, 82-8	4.1	19
194	Three-dimensional culture for monoclonal antibody production by hybridoma cells immobilized in macroporous gel particles. <i>Biotechnology Progress</i> , 2008 , 24, 1122-31	2.8	19
193	Backcross and partial advanced intercross analysis of nonobese diabetic gene-mediated effects on collagen-induced arthritis reveals an interactive effect by two major loci. <i>Journal of Immunology</i> , 2006 , 177, 3952-9	5.3	19
192	The genetic control of sialadenitis versus arthritis in a NOD.QxB10.Q F2 cross. <i>European Journal of Immunology</i> , 2002 , 32, 243-50	6.1	19

191	Different therapeutic and bystander effects by intranasal administration of homologous type II and type IX collagens on the collagen-induced arthritis and pristane-induced arthritis in rats. <i>Clinical Immunology</i> , 1999 , 90, 119-27	9	19
190	Different populations of rheumatoid adherent cells mediate activation versus suppression of T lymphocyte proliferation. <i>Arthritis and Rheumatism</i> , 1985 , 28, 863-72		19
189	Pharmacological Potential of NOX2 Agonists in Inflammatory Conditions. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 446-59	8.4	18
188	Pristane primed rat T cells enhance TLR3 expression of fibroblast-like synoviocytes via TNF- α initiated p38 MAPK and NF- κ B pathways. <i>Clinical Immunology</i> , 2015 , 156, 141-53	9	18
187	Type II collagen-specific antibodies induce cartilage damage in mice independent of inflammation. <i>Arthritis and Rheumatism</i> , 2013 , 65, 650-9		18
186	A comparative genetic analysis between collagen-induced arthritis and pristane-induced arthritis. <i>Arthritis and Rheumatism</i> , 2003 , 48, 2332-42		18
185	NCF1-339 polymorphism is associated with altered formation of neutrophil extracellular traps, high serum interferon activity and antiphospholipid syndrome in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 254-261	2.4	18
184	Mannan-induced Nos2 in macrophages enhances IL-17-driven psoriatic arthritis by innate lymphocytes. <i>Science Advances</i> , 2018 , 4, eaas9864	14.3	18
183	Dependence of SARS-CoV-2 infection on cholesterol-rich lipid raft and endosomal acidification. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 1933-1943	6.8	18
182	Advanced intercross line mapping suggests that ncf1 (ean6) regulates severity in an animal model of guillain-barre syndrome. <i>Journal of Immunology</i> , 2009 , 182, 4432-8	5.3	17
181	Probing molecular interactions within class II MHC Aq/glycopeptide/T-cell receptor complexes associated with collagen-induced arthritis. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 5627-43	8.3	17
180	Type II collagen in cartilage evokes peptide-specific tolerance and skews the immune response. <i>Journal of Autoimmunity</i> , 1998 , 11, 213-21	15.5	17
179	The Y chromosome-linked "autoimmune accelerating" yaa gene suppresses collagen-induced arthritis. <i>European Journal of Immunology</i> , 1994 , 24, 1213-7	6.1	17
178	Nature of the type II collagen autoimmunity in mice susceptible to collagen-induced arthritis. <i>International Reviews of Immunology</i> , 1988 , 4, 49-64	4.6	17
177	Presence of autoantibodies in "seronegative" rheumatoid arthritis associates with classical risk factors and high disease activity. <i>Arthritis Research and Therapy</i> , 2020 , 22, 170	5.7	17
176	An investigation of the added value of an ACPA multiplex assay in an early rheumatoid arthritis setting. <i>Arthritis Research and Therapy</i> , 2015 , 17, 276	5.7	16
175	Ncf1 provides a reactive oxygen species-independent negative feedback regulation of TLR9-induced IL-12p70 in murine dendritic cells. <i>Journal of Immunology</i> , 2009 , 182, 4183-91	5.3	16
174	High-resolution mapping of a complex disease, a model for rheumatoid arthritis, using heterogeneous stock mice. <i>Human Molecular Genetics</i> , 2011 , 20, 3031-41	5.6	16

173	Specific antibody protection of the extracellular cartilage matrix against collagen antibody-induced damage. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3374-84		16
172	Positional cloning of the Igl genes controlling rheumatoid factor production and allergic bronchitis in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14005-10	11.5	16
171	Inconsistent susceptibility to autoimmunity in inbred LEW rats is due to genetic crossbreeding involving segregation of the arthritis-regulating gene Ncf1. <i>Genomics</i> , 2004 , 83, 765-71	4.3	16
170	Identification of the minimal glycopeptide core recognized by T cells in a model for rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 473-82	3.4	16
169	A genetic contamination in MHC-congenic mouse strains reveals a locus on chromosome 10 that determines autoimmunity and arthritis susceptibility. <i>European Journal of Immunology</i> , 2005 , 35, 1275-82	6.1	16
168	Activation and selection of NK cells via recognition of an allogeneic, non-classical MHC class I molecule, RT1-E. <i>European Journal of Immunology</i> , 1999 , 29, 3663-73	6.1	16
167	Therapeutic effects of monoclonal antibodies to alpha beta TCR but not to CD4 on collagen-induced arthritis in the rat. <i>Cellular Immunology</i> , 1994 , 154, 240-8	4.4	16
166	Reactive Oxygen Species Regulate Both Priming and Established Arthritis, but with Different Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 1473-1490	8.4	15
165	MHC class II alleles associated with Th1 rather than Th17 type immunity drive the onset of early arthritis in a rat model of rheumatoid arthritis. <i>European Journal of Immunology</i> , 2017 , 47, 563-574	6.1	15
164	Genetic control of antibody production during collagen-induced arthritis development in heterogeneous stock mice. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3594-603		15
163	Cartilage oligomeric matrix protein specific antibodies are pathogenic. <i>Arthritis Research and Therapy</i> , 2012 , 14, R191	5.7	15
162	Pathogenic autoreactive B cells are not negatively selected toward matrix protein collagen II. <i>Journal of Immunology</i> , 2011 , 187, 4451-8	5.3	15
161	Identification of genetic regions of importance for reproductive performance in female mice. <i>Genetics</i> , 2006 , 173, 901-9	4	15
160	Fragmentation of two quantitative trait loci controlling collagen-induced arthritis reveals a new set of interacting subloci. <i>Journal of Immunology</i> , 2007 , 178, 3084-90	5.3	15
159	Type IX collagen deficiency enhances the binding of cartilage-specific antibodies and arthritis severity. <i>Arthritis Research and Therapy</i> , 2006 , 8, R102	5.7	15
158	Dissection of the genetic complexity of arthritis using animal models. <i>Journal of Autoimmunity</i> , 2003 , 21, 99-103	15.5	15
157	Identification of susceptibility genes for experimental autoimmune encephalomyelitis that overcome the effect of protective alleles at the eae2 locus. <i>International Immunology</i> , 2002 , 14, 79-85	4.9	15
156	Conserved 33-kb haplotype in the MHC class III region regulates chronic arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3716-24	11.5	14

155	Cutting Edge: Processing of Oxidized Peptides in Macrophages Regulates T Cell Activation and Development of Autoimmune Arthritis. <i>Journal of Immunology</i> , 2017 , 199, 3937-3942	5.3	14
154	Natural polymorphisms in Tap2 influence negative selection and CD4:CD8 lineage commitment in the rat. <i>PLoS Genetics</i> , 2014 , 10, e1004151	6	14
153	Class II major histocompatibility complex-associated response to type XI collagen regulates the development of chronic arthritis in rats. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2537-47		14
152	Dominant suppression of inflammation by glycan-hydrolyzed IgG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10252-7	11.5	14
151	Analysis of autoreactive T cells associated with murine collagen-induced arthritis using peptide-MHC multimers. <i>International Immunology</i> , 2004 , 16, 283-93	4.9	14
150	Mouse models for rheumatoid arthritis. <i>Trends in Genetics</i> , 2002 , 18, S7-S13	8.5	14
149	Activated type II collagen reactive T cells are not eliminated by in vivo anti-CD4 treatment. Implications for therapeutic approaches on autoimmune arthritis. <i>Immunobiology</i> , 1992 , 184, 359-71	3.4	14
148	Antibody binding to a collagen type-II epitope gives rise to an inhibitory peptide for autoreactive T cells. <i>European Journal of Immunology</i> , 1992 , 22, 1063-7	6.1	14
147	An investigation of allogeneic pregnancy in multiparous mice subjected to in vivo depletion of CD8 (Ly2)-positive lymphocytes by monoclonal antibody treatment. <i>Journal of Reproductive Immunology</i> , 1988 , 14, 235-45	4.2	14
146	Design of glycopeptides used to investigate class II MHC binding and T-cell responses associated with autoimmune arthritis. <i>PLoS ONE</i> , 2011 , 6, e17881	3.7	14
145	TNF production in macrophages is genetically determined and regulates inflammatory disease in rats. <i>Journal of Immunology</i> , 2010 , 185, 442-50	5.3	13
144	(E)-alkene and ethylene isosteres substantially alter the hydrogen-bonding network in class II MHC A(q)/glycopeptide complexes and affect T-cell recognition. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14368-78	16.4	13
143	Effects of sialadenitis after cellular transfer in autoimmune MRL/lpr mice. <i>Clinical Immunology and Immunopathology</i> , 1997 , 84, 177-84		13
142	Cartilage oligomeric matrix protein deficiency promotes early onset and the chronic development of collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2008 , 10, R134	5.7	13
141	Collagen type II is recognized by a pathogenic antibody through germline encoded structures. <i>European Journal of Immunology</i> , 2008 , 38, 2784-95	6.1	13
140	Bb2Bb3 regulation of murine Lyme arthritis is distinct from Ncf1 and independent of the phagocyte nicotinamide adenine dinucleotide phosphate oxidase. <i>American Journal of Pathology</i> , 2005 , 167, 775-85	5.8	13
139	Role of the galactosyl moiety of collagen glycopeptides for T-cell stimulation in a model for rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3981-7	3.4	13
138	Low Production of Reactive Oxygen Species Drives Systemic Lupus Erythematosus. <i>Trends in Molecular Medicine</i> , 2019 , 25, 826-835	11.5	12

137	Tryptophan catabolism is unaffected in chronic granulomatous disease. <i>Nature</i> , 2014 , 514, E16-7	50.4	12
136	Rabeximod reduces arthritis severity in mice by decreasing activation of inflammatory cells. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1527-32	2.4	12
135	Limited polymorphism in the first domain of the rat MHC class II RT1-D molecule. <i>Immunogenetics</i> , 1998 , 48, 344-9	3.2	12
134	The crystal structure of the pathogenic collagen type II-specific mouse monoclonal antibody CIIC1 Fab: structure to function analysis. <i>Molecular Immunology</i> , 2008 , 45, 2196-204	4.3	12
133	A 9-centimorgan interval of chromosome 10 controls the T cell-dependent psoriasiform skin disease and arthritis in a murine psoriasis model. <i>Journal of Immunology</i> , 2008 , 180, 5520-9	5.3	12
132	Two-loci interaction confirms arthritis-regulating quantitative trait locus on rat chromosome 6. <i>Genomics</i> , 2003 , 82, 652-9	4.3	12
131	Histone deacetylase 1 (HDAC1): A key player of T cell-mediated arthritis. <i>Journal of Autoimmunity</i> , 2020 , 108, 102379	15.5	12
130	CTLA-4 expressed by FOXP3 regulatory T cells prevents inflammatory tissue attack and not T-cell priming in arthritis. <i>Immunology</i> , 2017 , 152, 125-137	7.8	11
129	A glucose-6-phosphate isomerase peptide induces T and B cell-dependent chronic arthritis in C57BL/10 mice: arthritis without reactive oxygen species and complement. <i>American Journal of Pathology</i> , 2013 , 183, 1144-1155	5.8	11
128	Direct Comparison of a Natural Loss-Of-Function Single Nucleotide Polymorphism with a Targeted Deletion in the Ncf1 Gene Reveals Different Phenotypes. <i>PLoS ONE</i> , 2015 , 10, e0141974	3.7	11
127	Germ-free mice deficient of reactive oxygen species have increased arthritis susceptibility. <i>European Journal of Immunology</i> , 2015 , 45, 1348-53	6.1	11
126	Antigen-specific gene therapy after immunisation reduces the severity of collagen-induced arthritis. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 345092		11
125	Side-chain and backbone amide bond requirements for glycopeptide stimulation of T-cells obtained in a mouse model for rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 5921-32	3.4	11
124	Maternal antibodies protect immunoglobulin deficient neonatal mice from mouse hepatitis virus (MHV)-associated wasting syndrome. <i>American Journal of Reproductive Immunology</i> , 1996 , 36, 33-9	3.8	11
123	A retroviral gp70-related protein is expressed at specific stages during mouse oocyte maturation and in preimplantation embryos. <i>Cell Differentiation and Development</i> , 1989 , 28, 47-54		11
122	Pristane induces autophagy in macrophages, promoting a STAT1-IRF1-TLR3 pathway and arthritis. <i>Clinical Immunology</i> , 2017 , 175, 56-68	9	10
121	The autoantibody response to cyclic citrullinated collagen type II peptides in rheumatoid arthritis. <i>Rheumatology</i> , 2019 , 58, 1623-1633	3.9	10
120	A Restricted Role for Fc β in the Regulation of Adaptive Immunity. <i>Journal of Immunology</i> , 2018 , 200, 2615-2626	5.3	10

119	(18)F-Labeling of Mannan for Inflammation Research with Positron Emission Tomography. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 826-30	4.3	10
118	System A amino acid transporters regulate glutamine uptake and attenuate antibody-mediated arthritis. <i>Immunology</i> , 2015 , 146, 607-17	7.8	10
117	Collagen type II and a thermo-responsive polymer of N-isopropylacrylamide induce arthritis independent of Toll-like receptors: a strong influence by major histocompatibility complex class II and Ncf1 genes. <i>American Journal of Pathology</i> , 2011 , 179, 2490-500	5.8	10
116	Quantitative structure-activity relationship of peptides binding to the class II major histocompatibility complex molecule Aq associated with autoimmune arthritis. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 2049-59	8.3	10
115	A transient post-translationally modified form of cartilage type II collagen is ignored by self-reactive T cells. <i>Journal of Immunology</i> , 2004 , 173, 4729-35	5.3	10
114	Effects by periodontitis on pristane-induced arthritis in rats. <i>Journal of Translational Medicine</i> , 2016 , 14, 311	8.5	10
113	'SMASH' recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	10
112	Functional and signaling characterization of the neutrophil FPR2 selective agonist Act-389949. <i>Biochemical Pharmacology</i> , 2019 , 166, 163-173	6	9
111	Reactive oxygen species in psoriasis and psoriasis arthritis: relevance to human disease. <i>International Archives of Allergy and Immunology</i> , 2015 , 166, 135-49	3.7	9
110	Streptococcal Endo- β -Acetylglucosaminidase Suppresses Antibody-Mediated Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 1623	8.4	9
109	The involvement of Toll-like receptor 9 in the pathogenesis of erosive autoimmune arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 4399-4409	5.6	9
108	Identification of candidate risk gene variations by whole-genome sequence analysis of four rat strains commonly used in inflammation research. <i>BMC Genomics</i> , 2014 , 15, 391	4.5	9
107	Differences in the Spectrum of Anti-Citrullinated Protein Antibody Fine Specificities Between Malaysian and Swedish Patients With Rheumatoid Arthritis: Implications for Disease Pathogenesis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 58-69	9.5	9
106	Tissue transglutaminase enhances collagen type II-induced arthritis and modifies the immunodominant T-cell epitope CII260-270. <i>European Journal of Immunology</i> , 2009 , 39, 2412-23	6.1	9
105	T cell responses to a non-glycosylated epitope predominate in type II collagen-immunised HLA-DRB1*0101 transgenic mice. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 599-604	2.4	9
104	Dissection of the genetic complexity of arthritis using animal models. <i>Immunology Letters</i> , 2006 , 103, 86-91	4.1	9
103	Cysteine proteases in Langerhans cells limits presentation of cartilage derived type II collagen for autoreactive T cells. <i>International Immunology</i> , 2004 , 16, 717-26	4.9	9
102	Two monoclonal antibodies to precisely the same epitope of type II collagen select non-crossreactive phage clones by phage display: implications for autoimmunity and molecular mimicry. <i>Molecular Immunology</i> , 2004 , 41, 411-9	4.3	9

101	The H2-Ab gene influences the severity of experimental allergic encephalomyelitis induced by proteolipoprotein peptide 103-116. <i>Journal of Neuroimmunology</i> , 2001 , 120, 25-33	3.5	9
100	Natural polymorphism of Ym1 regulates pneumonitis through alternative activation of macrophages. <i>Science Advances</i> , 2020 , 6,	14.3	9
99	Vitamin D3 receptor polymorphisms regulate T cells and T cell-dependent inflammatory diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24986-24997	11.5	9
98	Antibodies against citrullinated peptides are associated with clinical and radiological outcomes in patients with early rheumatoid arthritis: a prospective longitudinal inception cohort study. <i>RMD Open</i> , 2019 , 5, e000946	5.9	9
97	Combined proinflammatory cytokine and cognate activation of invariant natural killer T cells enhances anti-DNA antibody responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9054-9063	11.5	9
96	Chronic Active Arthritis Driven by Macrophages Without Involvement of T Cells: A Novel Experimental Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1343-1353	9.5	8
95	Macrophage-derived reactive oxygen species protects against autoimmune priming with a defined polymeric adjuvant. <i>Immunology</i> , 2016 , 147, 125-32	7.8	8
94	NOX2 mediates quiescent handling of dead cell remnants in phagocytes. <i>Redox Biology</i> , 2019 , 26, 101279	11.3	8
93	Methylcholanthrene-Induced Sarcomas Develop Independently from NOX2-Derived ROS. <i>PLoS ONE</i> , 2015 , 10, e0129786	3.7	8
92	Detection of arthritis-susceptibility loci, including Ncf1, and variable effects of the major histocompatibility complex region depending on genetic background in rats. <i>Arthritis and Rheumatism</i> , 2009 , 60, 419-27		8
91	A dominant suppressive MHC class II haplotype interacting with autosomal genes controls autoantibody production and chronicity of arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1664-70	2.4	8
90	Type II collagen without adjuvant induces eosinophilic arthritis. <i>European Journal of Immunology</i> , 2007 , 37, 540-8	6.1	8
89	Maintained allogeneic pregnancy in rats depleted of T cytotoxic/suppressor cells by OX8 monoclonal antibody treatment. <i>Journal of Reproductive Immunology</i> , 1987 , 12, 23-34	4.2	8
88	Regulation of T Cell Function by Reactive Nitrogen and Oxygen Species in Collagen-Induced Arthritis. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 161-172	8.4	8
87	Recent advances on smart glycoconjugate vaccines in infections and cancer. <i>FEBS Journal</i> , 2021 ,	5.7	8
86	Gene Therapy Induces Antigen-Specific Tolerance in Experimental Collagen-Induced Arthritis. <i>PLoS ONE</i> , 2016 , 11, e0154630	3.7	8
85	Reactive Oxygen Species Regulate Innate But Not Adaptive Inflammation in ZAP70-Mutated SKG Arthritic Mice. <i>American Journal of Pathology</i> , 2016 , 186, 2353-63	5.8	8
84	Functional selective FPR1 signaling in favor of an activation of the neutrophil superoxide generating NOX2 complex. <i>Journal of Leukocyte Biology</i> , 2021 , 109, 1105-1120	6.5	8

83	B-cell epitope spreading and inflammation in a mouse model of arthritis is associated with a deficiency in reactive oxygen species production. <i>European Journal of Immunology</i> , 2015 , 45, 2243-51	6.1	7
82	Mice producing less reactive oxygen species are relatively resistant to collagen glycopeptide vaccination against arthritis. <i>Journal of Immunology</i> , 2010 , 185, 2701-9	5.3	7
81	DA rats from two colonies differ genetically and in their arthritis susceptibility. <i>Mammalian Genome</i> , 2008 , 19, 420-8	3.2	7
80	Identification of susceptibility loci for skin disease in a murine psoriasis model. <i>Journal of Immunology</i> , 2006 , 177, 4612-9	5.3	7
79	Intrinsic tolerance in autologous collagen-induced arthritis is generated by CD152-dependent CD4+ suppressor cells. <i>Journal of Immunology</i> , 2005 , 174, 6742-50	5.3	7
78	A method for the analysis of a large number of specific and multispecific B cell hybridomas derived from primary immunized lymph nodes. <i>Hybridoma</i> , 1987 , 6, 197-204		7
77	Anti-Citrullinated Protein Antibody Specificities, Rheumatoid Factor Isotypes, and Incident Cardiovascular Events in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020 , 72, 1658-1667	9.5	6
76	Collagen epitope expression on B cells is sufficient to confer tolerance to collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 140	5.7	6
75	A Shared Epitope of Collagen Type XI and Type II Is Recognized by Pathogenic Antibodies in Mice and Humans with Arthritis. <i>Frontiers in Immunology</i> , 2018 , 9, 451	8.4	6
74	Human Enolase is immunogenic, but not arthritogenic, in HLA-DR4-transgenic mice: comment on the article by Kinloch et al. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1689-91; author reply 1691-2		6
73	Characterization of the anticollagen antibody response in a new model of chronic polyarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2299-308		6
72	IL-21 and autoimmune disease--hypothesis and reality?. <i>European Journal of Immunology</i> , 2008 , 38, 1800-11	6.1	6
71	Influence of T-cell receptor genes on chronic experimental autoimmune encephalomyelitis. <i>Immunogenetics</i> , 1993 , 37, 466-8	3.2	6
70	In vivo treatment with anti-CD8 and anti-CD5 monoclonal antibodies alters induced tolerance to adjuvant arthritis. <i>Journal of Cellular Biochemistry</i> , 1989 , 40, 49-56	4.7	6
69	Emerging glyco-based strategies to steer immune responses. <i>FEBS Journal</i> , 2021 , 288, 4746-4772	5.7	6
68	Reply. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2053-4	9.5	5
67	Nerve conduction velocity is regulated by the inositol polyphosphate-4-phosphatase II gene. <i>American Journal of Pathology</i> , 2014 , 184, 2420-9	5.8	5
66	Aire-ing self antigen variability and tolerance. <i>European Journal of Immunology</i> , 2007 , 37, 598-601	6.1	5

65	Reversal of tolerance induced by transplantation of skin expressing the immunodominant T cell epitope of rat type II collagen entitles development of collagen-induced arthritis but not graft rejection. <i>European Journal of Immunology</i> , 2002 , 32, 1773-83	6.1	5
64	Cartilage-binding antibodies initiate joint inflammation and promote chronic erosive arthritis. <i>Arthritis Research and Therapy</i> , 2020 , 22, 120	5.7	5
63	Comment on editorial 'Pathogenic effector functions of ACPA: where do we stand?'. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, e126	2.4	5
62	The Major Histocompatibility Complex Class III Haplotype Ltab-Ncr3 Regulates Adjuvant-Induced but Not Antigen-Induced Autoimmunity. <i>American Journal of Pathology</i> , 2017 , 187, 987-998	5.8	4
61	Analyses of association of psoriatic arthritis and psoriasis vulgaris with functional NCF1 variants. <i>Rheumatology</i> , 2019 , 58, 915-917	3.9	4
60	Reactive Oxygen Species Deficiency Due to Ncf1-Mutation Leads to Development of Adenocarcinoma and Metabolomic and Lipidomic Remodeling in a New Mouse Model of Dextran Sulfate Sodium-Induced Colitis. <i>Frontiers in Immunology</i> , 2018 , 9, 701	8.4	4
59	Incomplete B cell tolerance to cartilage oligomeric matrix protein in mice. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2301-9		4
58	Influence of hydrocarbon oil structure on adjuvanticity and autoimmunity. <i>Scientific Reports</i> , 2017 , 7, 14998	4.9	4
57	Effects of C2ta genetic polymorphisms on MHC class II expression and autoimmune diseases. <i>Immunology</i> , 2017 , 150, 408-417	7.8	4
56	Hydroxyethylene isosteres introduced in type II collagen fragments substantially alter the structure and dynamics of class II MHC A(q)/glycopeptide complexes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6203-16	3.9	4
55	Increased litter size and super-ovulation rate in congenic C57BL mice carrying a polymorphic fragment of NFR/N origin at the Fecq4 locus of chromosome 9. <i>Genetical Research</i> , 2009 , 91, 259-65	1.1	4
54	Structure-immune response relationships of hapten-modified collagen II peptides in a T-cell model of allergic contact dermatitis. <i>Chemical Research in Toxicology</i> , 2008 , 21, 1514-23	4	4
53	Genetic linkage analysis of the antibody responses to myelin basic protein and myelin oligodendrocyte glycoprotein in rats immunized with rat spinal cord homogenate. <i>Journal of Neuroimmunology</i> , 2001 , 117, 21-9	3.5	4
52	Autoimmunity: Another pathway towards arthritis. <i>Current Biology</i> , 1999 , 9, R528-30	6.3	4
51	Neutrophil-derived reactive oxygen species promote tumor colonization. <i>Communications Biology</i> , 2021 , 4, 865	6.7	4
50	Surface Ig variable domain glycosylation affects autoantigen binding and acts as threshold for human autoreactive B cell activation.. <i>Science Advances</i> , 2022 , 8, eabm1759	14.3	4
49	Self-reactive T cells induce and perpetuate chronic relapsing arthritis. <i>Arthritis Research and Therapy</i> , 2020 , 22, 95	5.7	3
48	Increased salt exposure affects both lymphoid and myeloid effector functions, influencing innate-associated disease but not T-cell-associated autoimmunity. <i>Immunology</i> , 2018 , 154, 683	7.8	3

47	Regulatory T cells control epitope spreading in autoimmune arthritis independent of cytotoxic T-lymphocyte antigen-4. <i>Immunology</i> , 2018 , 155, 446-457	7.8	3
46	Synovial class II antigen expression and immune complex formation in rheumatoid arthritis. <i>Acta Medica Scandinavica</i> , 1987 , 715, 85-91		3
45	Primer: comparative genetics of animal models of arthritis--a tool to resolve complexity. <i>Nature Clinical Practice Rheumatology</i> , 2007 , 3, 104-11		3
44	Role of superantigens in experimental arthritis. <i>Seminars in Immunopathology</i> , 1996 , 17, 363-73		3
43	Expression of a cell surface antigen with potential Ca ²⁺ -sensor/receptor function in rat placenta and uterus. <i>Journal of Reproductive Immunology</i> , 1989 , 16, 199-205	4.2	3
42	An integrative proteomics method identifies a regulator of translation during stem cell maintenance and differentiation. <i>Nature Communications</i> , 2021 , 12, 6558	17.4	3
41	Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease. <i>PLoS Genetics</i> , 2020 , 16, e1008788	6	2
40	Independent and inter-dependent immunoregulatory effects of NCF1 and NOS2 in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2020 , 17, 113	10.1	2
39	Studies of preclinical rheumatoid arthritis synovial histology-a comparison of animal models: comment on the article by de Hair et al. <i>Arthritis and Rheumatology</i> , 2014 , 66, 1682-3	9.5	2
38	Governs Immune Niches in the Lung to Mediate Pulmonary Inflammation in Mice.. <i>Frontiers in Immunology</i> , 2021 , 12, 783944	8.4	2
37	The use of animal models for rheumatoid arthritis. <i>Methods in Molecular Medicine</i> , 2007 , 136, 185-9		2
36	Cytosolic ROS production by NADPH oxidase 2 regulates muscle glucose uptake during exercise		2
35	Ncf1 affects osteoclast formation but is not critical for postmenopausal bone loss. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 464	2.8	2
34	Reply to Liu et al.: Translation of rat congenic data to humans on a conserved MHC-III haplotype associated with rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6323-E6324	11.5	2
33	Endophilin A2 deficiency protects rodents from autoimmune arthritis by modulating T cell activation. <i>Nature Communications</i> , 2021 , 12, 610	17.4	2
32	Natural Loss-of-Function Mutations in Qa2 and NCF1 Cause the Spread of Mannan-Induced Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1765-1771.e4	4.3	2
31	Neurodegeneration and glial activation patterns after mechanical nerve injury are differentially regulated by non-MHC genes in congenic inbred rat strains 2001 , 431, 75		2
30	Antibodies to a Citrullinated Epitope Are Increased in Early Rheumatoid Arthritis, and Can Be Produced by Gingival Tissue B Cells: Implications for a Bacterial Origin in RA Etiology.. <i>Frontiers in Immunology</i> , 2022 , 13, 804822	8.4	2

29	Experimental Models for Rheumatoid Arthritis 2017 , 449-460		1
28	An encephalomyelitis-specific locus on chromosome 16 in mouse controls disease development and expression of immune-regulatory genes. <i>Journal of Neuroimmunology</i> , 2011 , 235, 40-7	3.5	1
27	Identification of arthritis promoting non-obese diabetic genes in the Cia9 locus using different genetic strategies. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A60.1-A60	2.4	1
26	Rheumatoid arthritis chondrocytes produce increased levels of pro-inflammatory proteins. <i>Osteoarthritis and Cartilage Open</i> , 2022 , 4, 100235	1.5	1
25	Antibodies against native collagen and citrullinated proteins precede the development of rheumatoid arthritis with a consecutive pattern. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A22.1-A22	2.4	1
24	Synthesis of an Array of Triple-Helical Peptides from Type II Collagen for Multiplex Analysis of Autoantibodies in Rheumatoid Arthritis. <i>ACS Chemical Biology</i> , 2020 , 15, 2605-2615	4.9	1
23	Dynamics Determine Signaling in a Multicomponent System Associated with Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 4774-4790	8.3	0
22	A new model of arthritis induced by a glucose-6-phosphate isomerase peptide: immunological requirements and peptide characterisation. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A83.2-A83	2.4	0
21	Genetic dissection of a major haplotype associated with arthritis reveal Fc γ R2b and Fc γ R3 to act additively. <i>European Journal of Immunology</i> , 2021 , 51, 682-693	6.1	0
20	Cartilage Oligomeric Matrix Protein Induced Arthritis-A New Model for Rheumatoid Arthritis in the C57BL/6 Mouse. <i>Frontiers in Immunology</i> , 2021 , 12, 631249	8.4	0
19	Polymorphic estrogen receptor binding site causes Cd2-dependent sex bias in the susceptibility to autoimmune diseases. <i>Nature Communications</i> , 2021 , 12, 5565	17.4	0
18	Variants of beta-glucan polysaccharides downregulate autoimmune inflammation.. <i>Communications Biology</i> , 2022 , 5, 449	6.7	0
17	Characterization of chronic relapsing antibody mediated arthritis in mice with a mutation in Ncf1 causing reduced oxidative burst.. <i>Molecular Biomedicine</i> , 2022 , 3, 14	3.1	0
16	Pain mechanisms in animal models of rheumatoid arthritis. <i>Scandinavian Journal of Pain</i> , 2010 , 1, 168-169.	9	
15	At last - rats lacking B cells. <i>European Journal of Immunology</i> , 2010 , 40, 2680-1	6.1	
14	B cell presentation of cartilage type II collagen to T cells. <i>Annals of the New York Academy of Sciences</i> , 1997 , 815, 350-2	6.5	
13	Cartilage autoimmunity in experimental models for rheumatoid arthritis. <i>Japanese Journal of Rheumatology</i> , 1998 , 8, 105-116		
12	Cartilage autoimmunity in experimental models for rheumatoid arthritis. <i>Japanese Journal of Rheumatology</i> , 1998 , 8, 105-116		

11 Genetic control of arthritis in rats. *Journal of Experimental Animal Science*, **2000**, 41, 7-13

10 Studies on Collagen II Induced Arthritis in Mice and Rats. *Annals of the New York Academy of Sciences*, **1986**, 475, 407-408 6.5

9 Development of Collagen II (CII)-induced Arthritis Was Associated with High AID and IL-17 Expression in BXD2 Mice. *FASEB Journal*, **2008**, 22, 667.17 0.9

8 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

7 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

6 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

5 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

4 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

3 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

2 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788

1 Identification of Clec4b as a novel regulator of bystander activation of auto-reactive T cells and autoimmune disease **2020**, 16, e1008788