Kutty Selva Nandakumar

List of Publications by Year in Descending Order

166 papers	4,903 citations	35 h-index	63 g-index
180 ext. papers	5,783 ext. citations	6 avg, IF	5.64 L-index

#	Paper	IF	Citations
166	Gancao Nurish-Yin Decoction medicated serum inhibits growth and migration of ovarian cancer cells: network pharmacology-based analysis and biological validation. *Pharmacological Research Modern Chinese Medicine*, **2022**, 100062		0
165	Vesicles Induce Mitochondrial Apoptosis by Regulating miR96-5p/Abca1 to Inhibit Osteoclastogenesis and Bone Loss.. *Frontiers in Immunology*, **2022**, 13, 833040	8.4	0
164	Characterization of chronic relapsing antibody mediated arthritis in mice with a mutation in Ncf1 causing reduced oxidative burst.. *Molecular Biomedicine*, **2022**, 3, 14	3.1	0
163	Targeting microRNA for improved skin health. *Health Science Reports*, **2021**, 4, e374	2.2	0
162	Albumin/Globulin Ratio as Yin-Yang in Rheumatoid Arthritis and Its Correlation to Inflamm-Aging Cytokines. *Journal of Inflammation Research*, **2021**, 14, 5501-5511	4.8	0
161	Targeted inhibition of ATP5B gene prevents bone erosion in collagen-induced arthritis by inhibiting osteoclastogenesis. *Pharmacological Research*, **2021**, 165, 105458	10.2	2
160	Recent Research on Flavonoids and their Biomedical Applications. *Current Medicinal Chemistry*, **2021**, 28, 1042-1066	4.3	29
159	Design, Synthesis, and Structure-Activity Relationship of -Aryl-'-(thiophen-2-yl)thiourea Derivatives as Novel and Specific Human TLR1/2 Agonists for Potential Cancer Immunotherapy. *Journal of Medicinal Chemistry*, **2021**, 64, 7371-7389	8.3	5
158	Comparative Analysis on Abnormal Methylome of Differentially Expressed Genes and Disease Pathways in the Immune Cells of RA and SLE. *Frontiers in Immunology*, **2021**, 12, 668007	8.4	7
157	Optimization of CAR-T Cell-Based Therapies Using Small-Molecule-Based Safety Switches. *Journal of Medicinal Chemistry*, **2021**, 64, 9577-9591	8.3	5
156	Emerging and state of the art hemagglutinin-targeted influenza virus inhibitors. *Expert Opinion on Pharmacotherapy*, **2021**, 22, 715-728	4	3
155	Genetic dissection of a major haplotype associated with arthritis reveal FcR2b and FcR3 to act additively. *European Journal of Immunology*, **2021**, 51, 682-693	6.1	0
154	'SMASH' recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. *Annals of the Rheumatic Diseases*, **2021**,	2.4	10
153	Polymorphic estrogen receptor binding site causes Cd2-dependent sex bias in the susceptibility to autoimmune diseases. *Nature Communications*, **2021**, 12, 5565	17.4	0
152	Current Progress in the Development of Zika Virus Vaccines. *Vaccines*, **2021**, 9,	5.3	3
151	Metformin, an AMPK Activator, Inhibits Activation of FLSs but Promotes HAPLN1 Secretion. *Molecular Therapy - Methods and Clinical Development*, **2020**, 17, 1202-1214	6.4	12
150	Phytoestrogens protect joints in collagen induced arthritis by increasing IgG glycosylation and reducing osteoclast activation. *International Immunopharmacology*, **2020**, 83, 106387	5.8	9

149	Molecular and Cellular Pathways Contributing to Joint Damage in Rheumatoid Arthritis. *Mediators of Inflammation*, **2020**, 2020, 3830212	4.3	46
148	A marine fungus-derived nitrobenzoyl sesquiterpenoid suppresses receptor activator of NF-B ligand-induced osteoclastogenesis and inflammatory bone destruction. *British Journal of Pharmacology*, **2020**, 177, 4242-4260	8.6	10
147	Cartilage-binding antibodies initiate joint inflammation and promote chronic erosive arthritis. *Arthritis Research and Therapy*, **2020**, 22, 120	5.7	5
146	SNX10 deficiency restricts foam cell formation and protects against atherosclerosis by suppressing CD36-Lyn axis. *Canadian Journal of Cardiology*, **2020**,	3.8	3
145	Structural Insights into the Atomistic Mechanisms of Uric Acid Recognition and Translocation of Human Urate Anion Transporter 1. *ACS Omega*, **2020**, 5, 33421-33432	3.9	6
144	[1,2,4]Triazolo[1,5-a]pyrimidine derivative (Mol-5) is a new NS5-RdRp inhibitor of DENV2 proliferation and DENV2-induced inflammation. *Acta Pharmacologica Sinica*, **2020**, 41, 706-718	8	6
143	Design and pharmaceutical applications of proteolysis-targeting chimeric molecules. *Biochemical Pharmacology*, **2020**, 182, 114211	6	5
142	Potential treatment methods targeting 2019-nCoV infection. *European Journal of Medicinal Chemistry*, **2020**, 205, 112687	6.8	20
141	Vitamin D3 receptor polymorphisms regulate T cells and T cell-dependent inflammatory diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24986-24997	11.5	9
140	SNX10 (sorting nexin 10) inhibits colorectal cancer initiation and progression by controlling autophagic degradation of SRC. *Autophagy*, **2020**, 16, 735-749	10.2	15
139	Immunotherapy for treating methamphetamine, heroin and cocaine use disorders. *Drug Discovery Today*, **2020**, 25, 610-619	8.8	8
138	Autophagy induced by STING, an unnoticed and primordial function of cGAS. *Cellular and Molecular Immunology*, **2019**, 16, 683-684	15.4	9
137	Cartilage-binding antibodies induce pain through immune complex-mediated activation of neurons. *Journal of Experimental Medicine*, **2019**, 216, 1904-1924	16.6	34
136	Therapeutic effects of artesunate on lupus-prone MRL/lpr mice are dependent on T follicular helper cell differentiation and activation of JAK2-STAT3 signaling pathway. *Phytomedicine*, **2019**, 62, 152965	6.5	14
135	Regulatory role of Golgi brefeldin A resistance factor-1 in amyloid precursor protein trafficking, cleavage and A formation. *Journal of Cellular Biochemistry*, **2019**, 120, 15604-15615	4.7	6
134	Analysis of Data From Breast Diseases Treated With 5-Alpha Reductase Inhibitors for Benign Prostatic Hyperplasia. *Clinical Breast Cancer*, **2019**, 19, e624-e636	3	0
133	The autoantibody response to cyclic citrullinated collagen type II peptides in rheumatoid arthritis. *Rheumatology*, **2019**, 58, 1623-1633	3.9	10
132	Protective effects of Wang-Bi tablet on bone destruction in collagen-induced arthritis by regulating osteoclast-osteoblast functions. *Journal of Ethnopharmacology*, **2019**, 238, 111861	5	9

131	TLR1/2 Specific Small-Molecule Agonist Suppresses Leukemia Cancer Cell Growth by Stimulating Cytotoxic T Lymphocytes. *Advanced Science*, **2019**, 6, 1802042	13.6	23
130	Asperosaponin VI protects against bone destructions in collagen induced arthritis by inhibiting osteoclastogenesis. *Phytomedicine*, **2019**, 63, 153006	6.5	11
129	GLP-1 Receptor Activation Abrogates Cell Dysfunction by PKA C Mediated Degradation of Thioredoxin Interacting Protein. *Frontiers in Pharmacology*, **2019**, 10, 1230	5.6	7
128	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	4
127	Autoantibodies as Diagnostic Markers and Mediator of Joint Inflammation in Arthritis. *Mediators of Inflammation*, **2019**, 2019, 6363086	4.3	14
126	Nanobiocatalysts for Industrial Applications **2019**, 553-562		
125	Increased salt exposure affects both lymphoid and myeloid effector functions, influencing innate-associated disease but not T-cell-associated autoimmunity. *Immunology*, **2018**, 154, 683	7.8	3
124	Chronic Active Arthritis Driven by Macrophages Without Involvement of T Cells: A Novel Experimental Model of Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2018**, 70, 1343-1353	9.5	8
123	A Restricted Role for FcR in the Regulation of Adaptive Immunity. *Journal of Immunology*, **2018**, 200, 2615-2626	5.3	10
122	An update on smart biocatalysts for industrial and biomedical applications. *Journal of the Royal Society Interface*, **2018**, 15,	4.1	22
121	Targeting pattern-recognition receptors to discover new small molecule immune modulators. *European Journal of Medicinal Chemistry*, **2018**, 144, 82-92	6.8	35
120	Inhibition of dengue viral infection by diasarone-I is associated with 2'O methyltransferase of NS5. *European Journal of Pharmacology*, **2018**, 821, 11-20	5.3	11
119	Recent advances in the development of vaccines for chronic inflammatory autoimmune diseases. *Vaccine*, **2018**, 36, 3208-3220	4.1	13
118	Antigen-Specific Tolerization and Targeted Delivery as Therapeutic Strategies for Autoimmune Diseases. *Trends in Biotechnology*, **2018**, 36, 686-699	15.1	29
117	Tatanan A from the Acorus calamus L. root inhibited dengue virus proliferation and infections. *Phytomedicine*, **2018**, 42, 258-267	6.5	19
116	Germinal Center B Cells Are Essential for Collagen-Induced Arthritis. *Arthritis and Rheumatology*, **2018**, 70, 193-203	9.5	23
115	Streptococcal Endo-Acetylglucosaminidase Suppresses Antibody-Mediated Inflammation. *Frontiers in Immunology*, **2018**, 9, 1623	8.4	9
114	A Shared Epitope of Collagen Type XI and Type II Is Recognized by Pathogenic Antibodies in Mice and Humans with Arthritis. *Frontiers in Immunology*, **2018**, 9, 451	8.4	6

113	Targeting IgG in Arthritis: Disease Pathways and Therapeutic Avenues. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	9
112	Q63, a novel DENV2 RdRp non-nucleoside inhibitor, inhibited DENV2 replication and infection. *Journal of Pharmacological Sciences*, **2018**, 138, 247-256	3.7	16
111	Biomaterials for Induction and Treatment of Autoimmunity. *Advanced Structured Materials*, **2017**, 167-184	0.6	
110	Regulation of autoantibody activity by the IL-23-T17 axis determines the onset of autoimmune disease. *Nature Immunology*, **2017**, 18, 104-113	19.1	187
109	Applications of Nanomaterials for Activation and Suppression of Immune Responses **2017**, 859-875		
108	Macrophage-derived reactive oxygen species protects against autoimmune priming with a defined polymeric adjuvant. *Immunology*, **2016**, 147, 125-32	7.8	8
107	Autoantibodies to citrullinated proteins induce joint pain independent of inflammation via a chemokine-dependent mechanism. *Annals of the Rheumatic Diseases*, **2016**, 75, 730-8	2.4	155
106	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. *PLoS ONE*, **2016**, 11, e0155936	3.7	44
105	Reactive oxygen species in psoriasis and psoriasis arthritis: relevance to human disease. *International Archives of Allergy and Immunology*, **2015**, 166, 135-49	3.7	9
104	B-cell epitope spreading and inflammation in a mouse model of arthritis is associated with a deficiency in reactive oxygen species production. *European Journal of Immunology*, **2015**, 45, 2243-51	6.1	7
103	System A amino acid transporters regulate glutamine uptake and attenuate antibody-mediated arthritis. *Immunology*, **2015**, 146, 607-17	7.8	10
102	Applications of Nanomaterials for Activation and Suppression of Immune Responses. *Advances in Chemical and Materials Engineering Book Series*, **2015**, 205-220	0.2	
101	Chemical cross-linking abrogates adjuvant potential of natural polymers. *RSC Advances*, **2014**, 4, 13817-13821	3.7	2
100	Synthetic polymer as an adjuvant in collagen-induced arthritis. *Current Protocols in Mouse Biology*, **2014**, 4, 11-24	1.1	5
99	Polymeric cryogels are biocompatible, and their biodegradation is independent of oxidative radicals. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 3409-18	5.4	27
98	Nerve conduction velocity is regulated by the inositol polyphosphate-4-phosphatase II gene. *American Journal of Pathology*, **2014**, 184, 2420-9	5.8	5
97	Mannan induces ROS-regulated, IL-17A-dependent psoriasis arthritis-like disease in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E3669-78	11.5	94
96	Affinity purified anti-citrullinated protein/peptide antibodies target antigens expressed in the rheumatoid joint. *Arthritis Research and Therapy*, **2014**, 16, R167	5.7	31

95	Epitope-specific antibody response is controlled by immunoglobulin V(H) polymorphisms. *Journal of Experimental Medicine*, **2014**, 211, 405-11	16.6	28
94	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. *Arthritis Research and Therapy*, **2014**, 16, R143	5.7	34
93	A single functional group substitution in c5a breaks B cell and T cell tolerance and protects against experimental arthritis. *Arthritis and Rheumatology*, **2014**, 66, 610-21	9.5	20
92	Incomplete B cell tolerance to cartilage oligomeric matrix protein in mice. *Arthritis and Rheumatism*, **2013**, 65, 2301-9		4
91	Applications of polymeric adjuvants in studying autoimmune responses and vaccination against infectious diseases. *Journal of the Royal Society Interface*, **2013**, 10, 20120536	4.1	53
90	Characterization of chemically defined poly-N-isopropylacrylamide based copolymeric adjuvants. *Vaccine*, **2013**, 31, 3519-27	4.1	11
89	Type II collagen-specific antibodies induce cartilage damage in mice independent of inflammation. *Arthritis and Rheumatism*, **2013**, 65, 650-9		18
88	C57BL/6 mice need MHC class II Aq to develop collagen-induced arthritis dependent on autoreactive T cells. *Annals of the Rheumatic Diseases*, **2013**, 72, 1225-32	2.4	32
87	Dominant suppression of inflammation by glycan-hydrolyzed IgG. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 10252-7	11.5	14
86	Stimuli-Responsive Polymers as Adjuvants and Carriers for Antigen Delivery **2013**, 123-139		1
85	Genetic control of antibody production during collagen-induced arthritis development in heterogeneous stock mice. *Arthritis and Rheumatism*, **2012**, 64, 3594-603		15
84	Collagen antibody-induced arthritis evokes persistent pain with spinal glial involvement and transient prostaglandin dependency. *Arthritis and Rheumatism*, **2012**, 64, 3886-96		78
83	Keratinocyte growth factor (KGF) delays the onset of collagen-induced arthritis. *Autoimmunity*, **2012**, 45, 510-5	3	2
82	Enhancement of antibody-induced arthritis via Toll-like receptor 2 stimulation is regulated by granulocyte reactive oxygen species. *American Journal of Pathology*, **2012**, 181, 141-50	5.8	25
81	Collagen Antibody-Induced Arthritis: A Disease-Relevant Model for Studies of Persistent Joint Pain. *Methods in Pharmacology and Toxicology*, **2012**, 437-455	1.1	
80	Cartilage oligomeric matrix protein specific antibodies are pathogenic. *Arthritis Research and Therapy*, **2012**, 14, R191	5.7	15
79	Genetic control of antibody production during collagen induced arthritis development in heterogeneous stock mice. *Annals of the Rheumatic Diseases*, **2012**, 71, A53.2-A54	2.4	
78	Identification of arthritis promoting non-obese diabetic genes in the Cia9 locus using different genetic strategies. *Annals of the Rheumatic Diseases*, **2012**, 71, A60.1-A60	2.4	1

77	Cystatin C influences the autoimmune but not inflammatory response to cartilage type II collagen leading to chronic arthritis development. *Arthritis Research and Therapy*, **2011**, 13, R54	5.7	15
76	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. *American Journal of Pathology*, **2011**, 179, 2490-500	5.8	10
75	Heterogeneous stock mice are susceptible to encephalomyelitis and antibody-initiated arthritis but not to collagen- and G6PI-induced arthritis. *Scandinavian Journal of Immunology*, **2011**, 73, 46-52	3.4	3
74	Effects of oestradiol and raloxifene on the induction and effector phases of experimental postmenopausal arthritis and secondary osteoporosis. *Clinical and Experimental Immunology*, **2011**, 165, 121-9	6.2	10
73	Inhibiting the C5-C5a receptor axis. *Molecular Immunology*, **2011**, 48, 1631-42	4.3	230
72	An encephalomyelitis-specific locus on chromosome 16 in mouse controls disease development and expression of immune-regulatory genes. *Journal of Neuroimmunology*, **2011**, 235, 40-7	3.5	1
71	Crystal structure of an arthritogenic anticollagen immune complex. *Arthritis and Rheumatism*, **2011**, 63, 3740-8		22
70	A dominant suppressive MHC class II haplotype interacting with autosomal genes controls autoantibody production and chronicity of arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1664-70	2.4	8
69	Adjuvant properties of a biocompatible thermo-responsive polymer of N-isopropylacrylamide in autoimmunity and arthritis. *Journal of the Royal Society Interface*, **2011**, 8, 1748-59	4.1	24
68	Chemical changes demonstrated in cartilage by synchrotron infrared microspectroscopy in an antibody-induced murine model of rheumatoid arthritis. *Journal of Biomedical Optics*, **2011**, 16, 066004	3.5	11
67	Pathogenic autoreactive B cells are not negatively selected toward matrix protein collagen II. *Journal of Immunology*, **2011**, 187, 4451-8	5.3	15
66	High-resolution mapping of a complex disease, a model for rheumatoid arthritis, using heterogeneous stock mice. *Human Molecular Genetics*, **2011**, 20, 3031-41	5.6	16
65	Antibodies to citrullinated proteins: molecular interactions and arthritogenicity. *Immunological Reviews*, **2010**, 233, 9-33	11.3	75
64	A recombinant vaccine effectively induces c5a-specific neutralizing antibodies and prevents arthritis. *PLoS ONE*, **2010**, 5, e13511	3.7	25
63	Pain mechanisms in animal models of rheumatoid arthritis. *Scandinavian Journal of Pain*, **2010**, 1, 168-169	1.9	
62	Rabeximod reduces arthritis severity in mice by decreasing activation of inflammatory cells. *Annals of the Rheumatic Diseases*, **2010**, 69, 1527-32	2.4	12
61	Pathogenic antibody recognition of cartilage. *Cell and Tissue Research*, **2010**, 339, 213-20	4.2	25
60	Specific antibody protection of the extracellular cartilage matrix against collagen antibody-induced damage. *Arthritis and Rheumatism*, **2010**, 62, 3374-84		16

59	C4b-binding protein (C4BP) inhibits development of experimental arthritis in mice. *Annals of the Rheumatic Diseases*, **2009**, 68, 136-42	2.4	33
58	Structure and pathogenicity of antibodies specific for citrullinated collagen type II in experimental arthritis. *Journal of Experimental Medicine*, **2009**, 206, 449-62	16.6	180
57	Secretory lysosome targeting and induced secretion of human soluble TNF-alpha receptor in murine hematopoietic cells in vivo as a principle for immunoregulation in inflammation and malignancy. *Experimental Hematology*, **2009**, 37, 969-78	3.1	3
56	In vivo imaging of reactive oxygen and nitrogen species in inflammation using the luminescent probe L-012. *Free Radical Biology and Medicine*, **2009**, 47, 760-6	7.8	136
55	The novel small molecule drug Rabeximod is effective in reducing disease severity of mouse models of autoimmune disorders. *Annals of the Rheumatic Diseases*, **2009**, 68, 130-5	2.4	11
54	Cartilage oligomeric matrix protein deficiency promotes early onset and the chronic development of collagen-induced arthritis. *Arthritis Research and Therapy*, **2008**, 10, R134	5.7	13
53	The crystal structure of the pathogenic collagen type II-specific mouse monoclonal antibody CIIC1 Fab: structure to function analysis. *Molecular Immunology*, **2008**, 45, 2196-204	4.3	12
52	Therapeutic cleavage of IgG: new avenues for treating inflammation. *Trends in Immunology*, **2008**, 29, 173-8	14.4	18
51	Role of anti-hinge antibodies in therapeutic cleavage of IgG: response to Drs. Lutz and Fumia. *Trends in Immunology*, **2008**, 29, 355-356	14.4	2
50	The role of collagen antibodies in mediating arthritis. *Modern Rheumatology*, **2008**, 18, 429-441	3.3	59
49	Arthritogenic antibodies specific for a major type II collagen triple-helical epitope bind and destabilize cartilage independent of inflammation. *Arthritis and Rheumatism*, **2008**, 58, 184-96		45
48	Cartilage oligomeric matrix protein induction of chronic arthritis in mice. *Arthritis and Rheumatism*, **2008**, 58, 2000-11		23
47	Three-dimensional culture for monoclonal antibody production by hybridoma cells immobilized in macroporous gel particles. *Biotechnology Progress*, **2008**, 24, 1122-31	2.8	19
46	The role of collagen antibodies in mediating arthritis. *Modern Rheumatology*, **2008**, 18, 429-41	3.3	36
45	Blocking of experimental arthritis by cleavage of IgG antibodies in vivo. *Arthritis and Rheumatism*, **2007**, 56, 3253-60		65
44	Endoglycosidase treatment abrogates IgG arthritogenicity: importance of IgG glycosylation in arthritis. *European Journal of Immunology*, **2007**, 37, 2973-82	6.1	91
43	Do infectious prey select for high levels of natural antibodies in tropical pythons?. *Evolutionary Ecology*, **2007**, 21, 271-279	1.8	21
42	Ethanol prevents development of destructive arthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 258-63	11.5	76

41	Collagen antibody induced arthritis. *Methods in Molecular Medicine*, **2007**, 136, 215-23		35
40	Macrophages suppress T cell responses and arthritis development in mice by producing reactive oxygen species. *Journal of Clinical Investigation*, **2007**, 117, 3020-8	15.9	169
39	Monoclonal antibody production using a new supermacroporous cryogel bioreactor. *Biotechnology Progress*, **2007**, 23, 932-9	2.8	20
38	Monoclonal Antibody Production Using a New Supermacroporous Cryogel Bioreactor. *Biotechnology Progress*, **2007**, 23, 932-939	2.8	23
37	Integrated bioprocess for the production and isolation of urokinase from animal cell culture using supermacroporous cryogel matrices. *Biotechnology and Bioengineering*, **2006**, 93, 636-46	4.9	73
36	Arthritis induced with cartilage-specific antibodiesis IL-4-dependent. *European Journal of Immunology*, **2006**, 36, 1608-18	6.1	33
35	Therapeutic vaccination of active arthritis with a glycosylated collagen type II peptide in complex with MHC class II molecules. *Journal of Immunology*, **2006**, 176, 1525-33	5.3	50
34	Backcross and partial advanced intercross analysis of nonobese diabetic gene-mediated effects on collagen-induced arthritis reveals an interactive effect by two major loci. *Journal of Immunology*, **2006**, 177, 3952-9	5.3	19
33	Antibody-induced arthritis: disease mechanisms and genes involved at the effector phase of arthritis. *Arthritis Research and Therapy*, **2006**, 8, 223	5.7	97
32	Type IX collagen deficiency enhances the binding of cartilage-specific antibodies and arthritis severity. *Arthritis Research and Therapy*, **2006**, 8, R102	5.7	15
31	Modulation of granulocyte-endothelium interactions by antileukoproteinase: inhibition of anti-type II collagen antibody-induced leukocyte attachment to the synovial endothelium. *Arthritis Research and Therapy*, **2006**, 8, R95	5.7	13
30	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. *Journal of Immunological Methods*, **2005**, 304, 126-36	2.5	106
29	The plasminogen activator/plasmin system is essential for development of the joint inflammatory phase of collagen type II-induced arthritis. *American Journal of Pathology*, **2005**, 166, 783-92	5.8	64
28	Chronic development of collagen-induced arthritis is associated with arthritogenic antibodies against specific epitopes on type II collagen. *Arthritis Research and Therapy*, **2005**, 7, R1148-57	5.7	57
27	Destructive effects of murine arthritogenic antibodies to type II collagen on cartilage explants in vitro. *Arthritis Research and Therapy*, **2005**, 7, R927-37	5.7	26
26	Identification of epistasis through a partial advanced intercross reveals three arthritis loci within the Cia5 QTL in mice. *Genes and Immunity*, **2005**, 6, 175-85	4.4	43
25	A genetic contamination in MHC-congenic mouse strains reveals a locus on chromosome 10 that determines autoimmunity and arthritis susceptibility. *European Journal of Immunology*, **2005**, 35, 1275-82	6.1	16
24	Arthritogenic anti-type II collagen antibodies are pathogenic for cartilage-derived chondrocytes independent of inflammatory cells. *Arthritis and Rheumatism*, **2005**, 52, 1897-906		30

23	Stromal cells and osteoclasts are responsible for exacerbated collagen-induced arthritis in interferon-beta-deficient mice. *Arthritis and Rheumatism*, **2005**, 52, 3739-48		35
22	Affinity binding of cells to cryogel adsorbents with immobilized specific ligands: effect of ligand coupling and matrix architecture. *Journal of Molecular Recognition*, **2005**, 18, 84-93	2.6	70
21	Methotrexate ameliorates T cell dependent autoimmune arthritis and encephalomyelitis but not antibody induced or fibroblast induced arthritis. *Annals of the Rheumatic Diseases*, **2005**, 64, 599-605	2.4	56
20	Antileukoproteinase: modulation of neutrophil function and therapeutic effects on anti-type II collagen antibody-induced arthritis. *Arthritis and Rheumatism*, **2004**, 50, 2347-59		27
19	Complement activation by both classical and alternative pathways is critical for the effector phase of arthritis. *European Journal of Immunology*, **2004**, 34, 1208-16	6.1	97
18	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. *Arthritis Research*, **2004**, 6, R544-50		100
17	Relapsing polychondritis, induced in mice with matrilin 1, is an antibody- and complement-dependent disease. *American Journal of Pathology*, **2004**, 164, 959-66	5.8	33
16	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. *Molecular Immunology*, **2004**, 41, 411-9	4.3	9
15	Induction of arthritis by single monoclonal IgG anti-collagen type II antibodies and enhancement of arthritis in mice lacking inhibitory FcgammaRIIB. *European Journal of Immunology*, **2003**, 33, 2269-77	6.1	107
14	Collagen type II-specific monoclonal antibody-induced arthritis in mice: description of the disease and the influence of age, sex, and genes. *American Journal of Pathology*, **2003**, 163, 1827-37	5.8	233
13	Genetic control of tolerance to type II collagen and development of arthritis in an autologous collagen-induced arthritis model. *Journal of Immunology*, **2003**, 171, 3493-9	5.3	25
12	Mouse models for rheumatoid arthritis. *Trends in Genetics*, **2002**, 18, S7-S13	8.5	14
11	IL-4-deficient mice develop less acute but more chronic relapsing collagen-induced arthritis. *European Journal of Immunology*, **2002**, 32, 2944-53	6.1	48
10	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. *Arthritis and Rheumatism*, **2002**, 46, 2339-48		125
9	IL-10-deficient B10.Q mice develop more severe collagen-induced arthritis, but are protected from arthritis induced with anti-type II collagen antibodies. *Journal of Immunology*, **2001**, 167, 3505-12	5.3	87
8	Evaluation of the percentage of peripheral T cells with two different T cell receptor alpha-chains and of their potential role in autoimmunity. *Journal of Autoimmunity*, **2001**, 16, 423-9	15.5	38
7	Influence of immunopotentiators on the antiporin immunoglobulin G subclass: distribution and protective immunity against murine salmonellosis. *Scandinavian Journal of Immunology*, **1999**, 50, 188-94	3.4	3
6	Upregulation of antitumor immunity by IL-12 gene-transfected AK-5 tumor cells in vivo. *Cytokines, Cellular & Molecular Therapy*, **1999**, 5, 7-14		3

List of Publications

5	Role of cytokines in the maintenance of the memory immune response induced by a rat histiocytoma in syngeneic hosts. *Cytokines, Cellular & Molecular Therapy*, **1998**, 4, 169-75		
4	Early expression of interleukin-12, p40 subunit and IFN-gamma inhibits regression of AK-5 tumor. *Cytokines, Cellular & Molecular Therapy*, **1997**, 3, 225-32		3
3	Diagnosis of typhoid fever: detection of Salmonella typhi porins-specific antibodies by inhibition ELISA. *Clinical and Experimental Immunology*, **1993**, 94, 317-21	6.2	13
2	Monoclonal antibodies against Salmonella porins: generation and characterization. *Immunology Letters*, **1992**, 33, 201-6	4.1	14
1	Antibody-Mediated Arthritis and New Therapeutic Avenues407-426		2