

Kutty Selva Nandakumar

List of Publications by Citations

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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	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
165	Inhibiting the C5-C5a receptor axis. <i>Molecular Immunology</i> , 2011 , 48, 1631-42	4.3	230
164	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
163	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
162	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
161	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
160	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
159	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
158	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
157	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
156	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
155	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
154	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
153	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
152	Endoglycosidase treatment abrogates IgG arthritogenicity: importance of IgG glycosylation in arthritis. <i>European Journal of Immunology</i> , 2007 , 37, 2973-82	6.1	91
151	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
150	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

149	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
148	Antibodies to citrullinated proteins: molecular interactions and arthritogenicity. <i>Immunological Reviews</i> , 2010 , 233, 9-33	11.3	75
147	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
146	Affinity binding of cells to cryogel adsorbents with immobilized specific ligands: effect of ligand coupling and matrix architecture. <i>Journal of Molecular Recognition</i> , 2005 , 18, 84-93	2.6	70
145	Blocking of experimental arthritis by cleavage of IgG antibodies in vivo. <i>Arthritis and Rheumatism</i> , 2007 , 56, 3253-60		65
144	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
143	The role of collagen antibodies in mediating arthritis. <i>Modern Rheumatology</i> , 2008 , 18, 429-441	3.3	59
142	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
141	Methotrexate ameliorates T cell dependent autoimmune arthritis and encephalomyelitis but not antibody induced or fibroblast induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2005 , 64, 599-605	2.4	56
140	Applications of polymeric adjuvants in studying autoimmune responses and vaccination against infectious diseases. <i>Journal of the Royal Society Interface</i> , 2013 , 10, 20120536	4.1	53
139	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
138	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
137	Molecular and Cellular Pathways Contributing to Joint Damage in Rheumatoid Arthritis. <i>Mediators of Inflammation</i> , 2020 , 2020, 3830212	4.3	46
136	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
135	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. <i>PLoS ONE</i> , 2016 , 11, e0155936	3.7	44
134	Identification of epistasis through a partial advanced intercross reveals three arthritis loci within the Cia5 QTL in mice. <i>Genes and Immunity</i> , 2005 , 6, 175-85	4.4	43
133	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
132	The role of collagen antibodies in mediating arthritis. <i>Modern Rheumatology</i> , 2008 , 18, 429-41	3.3	36

131	Targeting pattern-recognition receptors to discover new small molecule immune modulators. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 82-92	6.8	35
130	Collagen antibody induced arthritis. <i>Methods in Molecular Medicine</i> , 2007 , 136, 215-23		35
129	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
128	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
127	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
126	C4b-binding protein (C4BP) inhibits development of experimental arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 136-42	2.4	33
125	Arthritis induced with cartilage-specific antibodies is IL-4-dependent. <i>European Journal of Immunology</i> , 2006 , 36, 1608-18	6.1	33
124	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
123	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
122	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
121	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
120	Antigen-Specific Tolerization and Targeted Delivery as Therapeutic Strategies for Autoimmune Diseases. <i>Trends in Biotechnology</i> , 2018 , 36, 686-699	15.1	29
119	Recent Research on Flavonoids and their Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1042-1066	4.3	29
118	Epitope-specific antibody response is controlled by immunoglobulin V(H) polymorphisms. <i>Journal of Experimental Medicine</i> , 2014 , 211, 405-11	16.6	28
117	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
116	Antileukoproteinase: modulation of neutrophil function and therapeutic effects on anti-type II collagen antibody-induced arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2347-59		27
115	Destructive effects of murine arthritogenic antibodies to type II collagen on cartilage explants in vitro. <i>Arthritis Research and Therapy</i> , 2005 , 7, R927-37	5.7	26
114	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

113	A recombinant vaccine effectively induces c5a-specific neutralizing antibodies and prevents arthritis. <i>PLoS ONE</i> , 2010 , 5, e13511	3.7	25
112	Pathogenic antibody recognition of cartilage. <i>Cell and Tissue Research</i> , 2010 , 339, 213-20	4.2	25
111	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
110	Adjuvant properties of a biocompatible thermo-responsive polymer of N-isopropylacrylamide in autoimmunity and arthritis. <i>Journal of the Royal Society Interface</i> , 2011 , 8, 1748-59	4.1	24
109	TLR1/2 Specific Small-Molecule Agonist Suppresses Leukemia Cancer Cell Growth by Stimulating Cytotoxic T Lymphocytes. <i>Advanced Science</i> , 2019 , 6, 1802042	13.6	23
108	Germinal Center B Cells Are Essential for Collagen-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 193-203	9.5	23
107	Cartilage oligomeric matrix protein induction of chronic arthritis in mice. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2000-11		23
106	Monoclonal Antibody Production Using a New Supermacroporous Cryogel Bioreactor. <i>Biotechnology Progress</i> , 2007 , 23, 932-939	2.8	23
105	An update on smart biocatalysts for industrial and biomedical applications. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	22
104	Crystal structure of an arthritogenic anticollagen immune complex. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3740-8		22
103	Do infectious prey select for high levels of natural antibodies in tropical pythons?. <i>Evolutionary Ecology</i> , 2007 , 21, 271-279	1.8	21
102	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
101	Monoclonal antibody production using a new supermacroporous cryogel bioreactor. <i>Biotechnology Progress</i> , 2007 , 23, 932-9	2.8	20
100	Potential treatment methods targeting 2019-nCoV infection. <i>European Journal of Medicinal Chemistry</i> , 2020 , 205, 112687	6.8	20
99	Tatanan A from the Acorus calamus L. root inhibited dengue virus proliferation and infections. <i>Phytomedicine</i> , 2018 , 42, 258-267	6.5	19
98	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
97	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
96	Type II collagen-specific antibodies induce cartilage damage in mice independent of inflammation. <i>Arthritis and Rheumatism</i> , 2013 , 65, 650-9		18

95	Therapeutic cleavage of IgG: new avenues for treating inflammation. <i>Trends in Immunology</i> , 2008 , 29, 173-8	14.4	18
94	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
93	Specific antibody protection of the extracellular cartilage matrix against collagen antibody-induced damage. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3374-84		16
92	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
91	Q63, a novel DENV2 RdRp non-nucleoside inhibitor, inhibited DENV2 replication and infection. <i>Journal of Pharmacological Sciences</i> , 2018 , 138, 247-256	3.7	16
90	Genetic control of antibody production during collagen-induced arthritis development in heterogeneous stock mice. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3594-603		15
89	Cartilage oligomeric matrix protein specific antibodies are pathogenic. <i>Arthritis Research and Therapy</i> , 2012 , 14, R191	5.7	15
88	Cystatin C influences the autoimmune but not inflammatory response to cartilage type II collagen leading to chronic arthritis development. <i>Arthritis Research and Therapy</i> , 2011 , 13, R54	5.7	15
87	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
86	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
85	SNX10 (sorting nexin 10) inhibits colorectal cancer initiation and progression by controlling autophagic degradation of SRC. <i>Autophagy</i> , 2020 , 16, 735-749	10.2	15
84	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. <i>Phytomedicine</i> , 2019 , 62, 152965	6.5	14
83	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
82	Mouse models for rheumatoid arthritis. <i>Trends in Genetics</i> , 2002 , 18, S7-S13	8.5	14
81	Monoclonal antibodies against Salmonella porins: generation and characterization. <i>Immunology Letters</i> , 1992 , 33, 201-6	4.1	14
80	Autoantibodies as Diagnostic Markers and Mediator of Joint Inflammation in Arthritis. <i>Mediators of Inflammation</i> , 2019 , 2019, 6363086	4.3	14
79	Recent advances in the development of vaccines for chronic inflammatory autoimmune diseases. <i>Vaccine</i> , 2018 , 36, 3208-3220	4.1	13
78	Diagnosis of typhoid fever: detection of Salmonella typhi porins-specific antibodies by inhibition ELISA. <i>Clinical and Experimental Immunology</i> , 1993 , 94, 317-21	6.2	13

77	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
76	Modulation of granulocyte-endothelium interactions by antileukoprotease: inhibition of anti-type II collagen antibody-induced leukocyte attachment to the synovial endothelium. <i>Arthritis Research and Therapy</i> , 2006 , 8, R95	5.7	13
75	Metformin, an AMPK Activator, Inhibits Activation of FLSs but Promotes HAPLN1 Secretion. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 17, 1202-1214	6.4	12
74	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
73	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
72	Inhibition of dengue viral infection by diasarone-I is associated with 2'O methyltransferase of NS5. <i>European Journal of Pharmacology</i> , 2018 , 821, 11-20	5.3	11
71	Asperosaponin VI protects against bone destructions in collagen induced arthritis by inhibiting osteoclastogenesis. <i>Phytomedicine</i> , 2019 , 63, 153006	6.5	11
70	Characterization of chemically defined poly-N-isopropylacrylamide based copolymeric adjuvants. <i>Vaccine</i> , 2013 , 31, 3519-27	4.1	11
69	The novel small molecule drug Rabeximod is effective in reducing disease severity of mouse models of autoimmune disorders. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 130-5	2.4	11
68	Chemical changes demonstrated in cartilage by synchrotron infrared microspectroscopy in an antibody-induced murine model of rheumatoid arthritis. <i>Journal of Biomedical Optics</i> , 2011 , 16, 066004	3.5	11
67	The autoantibody response to cyclic citrullinated collagen type II peptides in rheumatoid arthritis. <i>Rheumatology</i> , 2019 , 58, 1623-1633	3.9	10
66	A marine fungus-derived nitrobenzoyl sesquiterpenoid suppresses receptor activator of NF- κ B ligand-induced osteoclastogenesis and inflammatory bone destruction. <i>British Journal of Pharmacology</i> , 2020 , 177, 4242-4260	8.6	10
65	A Restricted Role for Fc γ R in the Regulation of Adaptive Immunity. <i>Journal of Immunology</i> , 2018 , 200, 2615-2626	5.3	10
64	System A amino acid transporters regulate glutamine uptake and attenuate antibody-mediated arthritis. <i>Immunology</i> , 2015 , 146, 607-17	7.8	10
63	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
62	Effects of oestradiol and raloxifene on the induction and effector phases of experimental postmenopausal arthritis and secondary osteoporosis. <i>Clinical and Experimental Immunology</i> , 2011 , 165, 121-9	6.2	10
61	'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
60	Autophagy induced by STING, an unnoticed and primordial function of cGAS. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 683-684	15.4	9

59	Protective effects of Wang-Bi tablet on bone destruction in collagen-induced arthritis by regulating osteoclast-osteoblast functions. <i>Journal of Ethnopharmacology</i> , 2019 , 238, 111861	5	9
58	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
57	Phytoestrogens protect joints in collagen induced arthritis by increasing IgG glycosylation and reducing osteoclast activation. <i>International Immunopharmacology</i> , 2020 , 83, 106387	5.8	9
56	Streptococcal Endo- β -Acetylglucosaminidase Suppresses Antibody-Mediated Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 1623	8.4	9
55	Targeting IgG in Arthritis: Disease Pathways and Therapeutic Avenues. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
54	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
53	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
52	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
51	Macrophage-derived reactive oxygen species protects against autoimmune priming with a defined polymeric adjuvant. <i>Immunology</i> , 2016 , 147, 125-32	7.8	8
50	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
49	Immunotherapy for treating methamphetamine, heroin and cocaine use disorders. <i>Drug Discovery Today</i> , 2020 , 25, 610-619	8.8	8
48	GLP-1 Receptor Activation Abrogates β Cell Dysfunction by PKA Ca^{2+} Mediated Degradation of Thioredoxin Interacting Protein. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1230	5.6	7
47	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
46	Comparative Analysis on Abnormal Methylome of Differentially Expressed Genes and Disease Pathways in the Immune Cells of RA and SLE. <i>Frontiers in Immunology</i> , 2021 , 12, 668007	8.4	7
45	Regulatory role of Golgi brefeldin A resistance factor-1 in amyloid precursor protein trafficking, cleavage and A β formation. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 15604-15615	4.7	6
44	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
43	Structural Insights into the Atomistic Mechanisms of Uric Acid Recognition and Translocation of Human Urate Anion Transporter 1. <i>ACS Omega</i> , 2020 , 5, 33421-33432	3.9	6
42	[1,2,4]Triazolo[1,5-a]pyrimidine derivative (Mol-5) is a new NS5-RdRp inhibitor of DENV2 proliferation and DENV2-induced inflammation. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 706-718	8	6

41	Synthetic polymer as an adjuvant in collagen-induced arthritis. <i>Current Protocols in Mouse Biology</i> , 2014 , 4, 11-24	1.1	5
40	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
39	Cartilage-binding antibodies initiate joint inflammation and promote chronic erosive arthritis. <i>Arthritis Research and Therapy</i> , 2020 , 22, 120	5.7	5
38	Design and pharmaceutical applications of proteolysis-targeting chimeric molecules. <i>Biochemical Pharmacology</i> , 2020 , 182, 114211	6	5
37	Design, Synthesis, and Structure-Activity Relationship of -Aryl ¹ -(thiophen-2-yl)thiourea Derivatives as Novel and Specific Human TLR1/2 Agonists for Potential Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 7371-7389	8.3	5
36	Optimization of CAR-T Cell-Based Therapies Using Small-Molecule-Based Safety Switches. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 9577-9591	8.3	5
35	Incomplete B cell tolerance to cartilage oligomeric matrix protein in mice. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2301-9		4
34	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	4
33	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
32	Heterogeneous stock mice are susceptible to encephalomyelitis and antibody-initiated arthritis but not to collagen- and G6PI-induced arthritis. <i>Scandinavian Journal of Immunology</i> , 2011 , 73, 46-52	3.4	3
31	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. <i>Experimental Hematology</i> , 2009 , 37, 969-78	3.1	3
30	Influence of immunopotentiators on the antiporin immunoglobulin G subclass: distribution and protective immunity against murine salmonellosis. <i>Scandinavian Journal of Immunology</i> , 1999 , 50, 188-94	3.4	3
29	SNX10 deficiency restricts foam cell formation and protects against atherosclerosis by suppressing CD36-Lyn axis. <i>Canadian Journal of Cardiology</i> , 2020 ,	3.8	3
28	Emerging and state of the art hemagglutinin-targeted influenza virus inhibitors. <i>Expert Opinion on Pharmacotherapy</i> , 2021 , 22, 715-728	4	3
27	Current Progress in the Development of Zika Virus Vaccines. <i>Vaccines</i> , 2021 , 9,	5.3	3
26	Early expression of interleukin-12, p40 subunit and IFN-gamma inhibits regression of AK-5 tumor. <i>Cytokines, Cellular & Molecular Therapy</i> , 1997 , 3, 225-32		3
25	Upregulation of antitumor immunity by IL-12 gene-transfected AK-5 tumor cells in vivo. <i>Cytokines, Cellular & Molecular Therapy</i> , 1999 , 5, 7-14		3
24	Chemical cross-linking abrogates adjuvant potential of natural polymers. <i>RSC Advances</i> , 2014 , 4, 13817-13821	3.821	2

23	Keratinocyte growth factor (KGF) delays the onset of collagen-induced arthritis. <i>Autoimmunity</i> , 2012 , 45, 510-5	3	2
22	Role of anti-hinge antibodies in therapeutic cleavage of IgG: response to Drs. Lutz and Fumia. <i>Trends in Immunology</i> , 2008 , 29, 355-356	14.4	2
21	Targeted inhibition of ATP5B gene prevents bone erosion in collagen-induced arthritis by inhibiting osteoclastogenesis. <i>Pharmacological Research</i> , 2021 , 165, 105458	10.2	2
20	Antibody-Mediated Arthritis and New Therapeutic Avenues	407-426	2
19	Stimuli-Responsive Polymers as Adjuvants and Carriers for Antigen Delivery	2013 , 123-139	1
18	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
17	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
16	Analysis of Data From Breast Diseases Treated With 5-Alpha Reductase Inhibitors for Benign Prostatic Hyperplasia. <i>Clinical Breast Cancer</i> , 2019 , 19, e624-e636	3	0
15	Gancao Nurish-Yin Decoction medicated serum inhibits growth and migration of ovarian cancer cells: network pharmacology-based analysis and biological validation. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022 , 100062		0
14	Targeting microRNA for improved skin health. <i>Health Science Reports</i> , 2021 , 4, e374	2.2	0
13	Albumin/Globulin Ratio as Yin-Yang in Rheumatoid Arthritis and Its Correlation to Inflamm-Aging Cytokines. <i>Journal of Inflammation Research</i> , 2021 , 14, 5501-5511	4.8	0
12	Genetic dissection of a major haplotype associated with arthritis reveal FcR2b and FcR3 to act additively. <i>European Journal of Immunology</i> , 2021 , 51, 682-693	6.1	0
11	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
10	Vesicles Induce Mitochondrial Apoptosis by Regulating miR96-5p/Abca1 to Inhibit Osteoclastogenesis and Bone Loss.. <i>Frontiers in Immunology</i> , 2022 , 13, 833040	8.4	0
9	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
8	Biomaterials for Induction and Treatment of Autoimmunity. <i>Advanced Structured Materials</i> , 2017 , 167-184	6	0
7	Collagen Antibody-Induced Arthritis: A Disease-Relevant Model for Studies of Persistent Joint Pain. <i>Methods in Pharmacology and Toxicology</i> , 2012 , 437-455	1.1	0
6	Pain mechanisms in animal models of rheumatoid arthritis. <i>Scandinavian Journal of Pain</i> , 2010 , 1, 168-169	0.9	0

- 5 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
- 4 Applications of Nanomaterials for Activation and Suppression of Immune Responses. *Advances in Chemical and Materials Engineering Book Series*, **2015**, 205-220 0.2
- 3 Applications of Nanomaterials for Activation and Suppression of Immune Responses **2017**, 859-875
- 2 Nanobiocatalysts for Industrial Applications **2019**, 553-562
- 1 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