List of Publications by Year in descending order

213 **papers**	19,238 **citations**	12322 69 **h-index**	13365 130 **g-index**
217 **all docs**	217 **docs citations**	217 **times ranked**	23186 **citing authors**

#	Article	IF	Citations
1	Classification and prediction of clinical Alzheimer's diagnosis based on plasma signaling proteins. Nature Medicine, 2007, 13, 1359-1362.	15.2	969
2	Low-grade inflammation as a key mediator of the pathogenesis of osteoarthritis. Nature Reviews Rheumatology, 2016, 12, 580-592.	3.5	917
3	Autoantigen microarrays for multiplex characterization of autoantibody responses. Nature Medicine, 2002, 8, 295-301.	15.2	693
4	Proteomic analysis of active multiple sclerosis lesions reveals therapeutic targets. Nature, 2008, 451, 1076-1081.	13.7	472
5	Identification of a central role for complement in osteoarthritis. Nature Medicine, 2011, 17, 1674-1679.	15.2	470
6	Antibodies against citrullinated proteins enhance tissue injury in experimental autoimmune arthritis. Journal of Clinical Investigation, 2006, 116, 961-973.	3.9	462
7	Protective and therapeutic role for αB-crystallin in autoimmune demyelination. Nature, 2007, 448, 474-479.	13.7	458
8	Exome sequencing identifies GRIN2A as frequently mutated in melanoma. Nature Genetics, 2011, 43, 442-446.	9.4	449
9	Autoantibody Epitope Spreading in the Pre-Clinical Phase Predicts Progression to Rheumatoid Arthritis. PLoS ONE, 2012, 7, e35296.	1.1	375
10	Clonally expanded B cells in multiple sclerosis bind EBV EBNA1 and GlialCAM. Nature, 2022, 603, 321-327.	13.7	343
11	Periodontitis and <i>Porphyromonas gingivalis</i> in Patients With Rheumatoid Arthritis. Arthritis and Rheumatology, 2014, 66, 1090-1100.	2.9	318
12	Immune complexes containing citrullinated fibrinogen costimulate macrophages via Toll–like receptor 4 and Fcγ receptor. Arthritis and Rheumatism, 2011, 63, 53-62.	6.7	299
13	Demyelinating and neurologic events reported in association with tumor necrosis factor ? antagonism: By what mechanisms could tumor necrosis factor ? antagonists improve rheumatoid arthritis but exacerbate multiple sclerosis?. Arthritis and Rheumatism, 2001, 44, 1977-1983.	6.7	296
14	Lipid microarrays identify key mediators of autoimmune brain inflammation. Nature Medicine, 2006, 12, 138-143.	15.2	289
15	New-onset IgG autoantibodies in hospitalized patients with COVID-19. Nature Communications, 2021, 12, 5417.	5.8	286
16	CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis. Annals of the Rheumatic Diseases, 2017, 76, 914-922.	0.5	277
17	Plasma proteins present in osteoarthritic synovial fluid can stimulate cytokine production via Toll-like receptor 4. Arthritis Research and Therapy, 2012, 14, R7.	1.6	262
18	N-α-Benzoyl-N5-(2-Chloro-1-Iminoethyl)-<scp>l</scp>-Ornithine Amide, a Protein Arginine Deiminase Inhibitor, Reduces the Severity of Murine Collagen-Induced Arthritis. Journal of Immunology, 2011, 186, 4396-4404.	0.4	261

#	ARTICLE	IF	CITATIONS
19	Antigen microarray profiling of autoantibodies in rheumatoid arthritis. Arthritis and Rheumatism, 2005, 52, 2645-2655.	6.7	256
20	Protein microarrays guide tolerizing DNA vaccine treatment of autoimmune encephalomyelitis. Nature Biotechnology, 2003, 21, 1033-1039.	9.4	242
21	Arthritis induced by posttranslationally modified (citrullinated) fibrinogen in DR4-IE transgenic mice. Journal of Experimental Medicine, 2008, 205, 967-979.	4.2	236
22	Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis. Science Immunology, 2017, 2, .	5.6	228
23	Rheumatoid arthritis and the mucosal origins hypothesis: protection turns toÂdestruction. Nature Reviews Rheumatology, 2018, 14, 542-557.	3.5	219
24	The exposure of autoantigens by microparticles underlies the formation of potent inflammatory components: the microparticleâ€associated immune complexes. EMBO Molecular Medicine, 2013, 5, 235-249.	3.3	217
25	The number of elevated cytokines and chemokines in preclinical seropositive rheumatoid arthritis predicts time to diagnosis in an ageâ€dependent manner. Arthritis and Rheumatism, 2010, 62, 3161-3172.	6.7	211
26	The Bruton tyrosine kinase inhibitor PCI-32765 ameliorates autoimmune arthritis by inhibition of multiple effector cells. Arthritis Research and Therapy, 2011, 13, R115.	1.6	209
27	Fractional Third and Fourth Dose of RTS,S/AS01 Malaria Candidate Vaccine: A Phase 2a Controlled Human Malaria Parasite Infection and Immunogenicity Study. Journal of Infectious Diseases, 2016, 214, 762-771.	1.9	200
28	Selective tyrosine kinase inhibition by imatinib mesylate for the treatment of autoimmune arthritis. Journal of Clinical Investigation, 2006, 116, 2633-2642.	3.9	194
29	<i>Porphyromonas gingivalis</i> and diseaseâ€related autoantibodies in individuals at increased risk of rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 3522-3530.	6.7	188
30	Single cell cloning and recombinant monoclonal antibodies generation from RA synovial B cells reveal frequent targeting of citrullinated histones of NETs. Annals of the Rheumatic Diseases, 2016, 75, 1866-1875.	0.5	176
31	Rheumatoid Factor as a Potentiator of Antiâ€"Citrullinated Protein Antibodyâ€"Mediated Inflammation in Rheumatoid Arthritis. Arthritis and Rheumatology, 2014, 66, 813-821.	2.9	174
32	Phase 2 trial of a DNA vaccine encoding myelin basic protein for multiple sclerosis. Annals of Neurology, 2008, 63, 611-620.	2.8	171
33	Induction of Antigen-Specific Tolerance in Multiple Sclerosis After Immunization With DNA Encoding Myelin Basic Protein in a Randomized, Placebo-Controlled Phase 1/2 Trial. Archives of Neurology, 2007, 64, 1407.	4.9	159
34	Sequencing the functional antibody repertoireâ€"diagnostic and therapeutic discovery. Nature Reviews Rheumatology, 2015, 11, 171-182.	3.5	158
35	Circulating immune complexes contain citrullinated fibrinogen in rheumatoid arthritis. Arthritis Research and Therapy, 2008, 10, R94.	1.6	157
36	Identification of Three Rheumatoid Arthritis Disease Subtypes by Machine Learning Integration of Synovial Histologic Features and <scp>RNA</scp> Sequencing Data. Arthritis and Rheumatology, 2018, 70, 690-701.	2.9	157

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37	Plasmid-Encoded Proinsulin Preserves C-Peptide While Specifically Reducing Proinsulin-Specific CD8^{+} T Cells in Type 1 Diabetes. Science Translational Medicine, 2013, 5, 191ra82.	5.8	149
38	Whole-genome sequencing identifies a recurrent functional synonymous mutation in melanoma. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13481-13486.	3.3	147
39	Association of fine specificity and repertoire expansion of anticitrullinated peptide antibodies with rheumatoid arthritis associated interstitial lung disease. Annals of the Rheumatic Diseases, 2014, 73, 1487-1494.	0.5	140
40	Endogenous antibodies promote rapid myelin clearance and effective axon regeneration after nerve injury. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11993-11998.	3.3	138
41	Impact of baseline anti-cyclic citrullinated peptide-2 antibody concentration on efficacy outcomes following treatment with subcutaneous abatacept or adalimumab: 2-year results from the AMPLE trial. Annals of the Rheumatic Diseases, 2016, 75, 709-714.	0.5	134
42	Modeling human adaptive immune responses with tonsil organoids. Nature Medicine, 2021, 27, 125-135.	15.2	133
43	Interleukin-34 produced by human fibroblast-like synovial cells in rheumatoid arthritis supports osteoclastogenesis. Arthritis Research and Therapy, 2012, 14, R14.	1.6	121
44	Brief Report: Citrullination Within the Atherosclerotic Plaque: A Potential Target for the Anti–Citrullinated Protein Antibody Response in Rheumatoid Arthritis. Arthritis and Rheumatism, 2013, 65, 1719-1724.	6.7	118
45	Molecular framework for response to imatinib mesylate in systemic sclerosis. Arthritis and Rheumatism, 2009, 60, 584-591.	6.7	117
46	Multiple cytokines and chemokines are associated with rheumatoid arthritis-related autoimmunity in first-degree relatives without rheumatoid arthritis: Studies of the Aetiology of Rheumatoid Arthritis (SERA). Annals of the Rheumatic Diseases, 2013, 72, 901-907.	0.5	115
47	Malondialdehyde–Acetaldehyde Adducts and Anti–Malondialdehyde–Acetaldehyde Antibodies in Rheumatoid Arthritis. Arthritis and Rheumatology, 2015, 67, 645-655.	2.9	115
48	Local Joint Inflammation and Histone Citrullination in a Murine Model of the Transition From Preclinical Autoimmunity to Inflammatory Arthritis. Arthritis and Rheumatology, 2015, 67, 2877-2887.	2.9	111
49	Neutrophil extracellular traps, B cells, and type I interferons contribute to immune dysregulation in hidradenitis suppurativa. Science Translational Medicine, 2019, 11, .	5.8	111
50	Proteomic analysis of secreted proteins in early rheumatoid arthritis: anti-citrulline autoreactivity is associated with up regulation of proinflammatory cytokines. Annals of the Rheumatic Diseases, 2007, 66, 712-719.	0.5	109
51	High-throughput sequencing of natively paired antibody chains provides evidence for original antigenic sin shaping the antibody response to influenza vaccination. Clinical Immunology, 2014, 151, 55-65.	1.4	108
52	Epitope spreading to citrullinated antigens in mouse models of autoimmune arthritis and demyelination. Arthritis Research and Therapy, 2008, 10, R119.	1.6	102
53	Blood autoantibody and cytokine profiles predict response to anti-tumor necrosis factor therapy in rheumatoid arthritis. Arthritis Research and Therapy, 2009, 11, R76.	1.6	99
54	Barcode–Enabled Sequencing of Plasmablast Antibody Repertoires in Rheumatoid Arthritis. Arthritis and Rheumatology, 2014, 66, 2706-2715.	2.9	99

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55	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. Arthritis Research and Therapy, 2018, 20, 139.	1.6	93
56	Protein microarray analysis reveals BAFF-binding autoantibodies in systemic lupus erythematosus. Journal of Clinical Investigation, 2013, 123, 5135-5145.	3.9	92
57	Novel multiplex technology for diagnostic characterization of rheumatoid arthritis. Arthritis Research and Therapy, 2011, 13, R102.	1.6	91
58	Microarray Profiling of Antibody Responses against Simian-Human Immunodeficiency Virus: Postchallenge Convergence of Reactivities Independent of Host Histocompatibility Type and Vaccine Regimen. Journal of Virology, 2003, 77, 11125-11138.	1.5	90
59	A broad screen for targets of immune complexes decorating arthritic joints highlights deposition of nucleosomes in rheumatoid arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15867-15872.	3.3	88
60	Rheumatoid Arthritis: A Role for Immunosenescence?. Journal of the American Geriatrics Society, 2010, 58, 1565-1575.	1.3	87
61	VP4- and VP7-specific antibodies mediate heterotypic immunity to rotavirus in humans. Science Translational Medicine, 2017, 9, .	5.8	87
62	Mechanistic biomarkers for clinical decision making in rheumatic diseases. Nature Reviews Rheumatology, 2013, 9, 267-276.	3.5	86
63	Non-progressing cancer patients have persistent B cell responses expressing shared antibody paratopes that target public tumor antigens. Clinical Immunology, 2018, 187, 37-45.	1.4	86
64	Men and Women Differ in the Biochemical Composition of Platelet-Rich Plasma. American Journal of Sports Medicine, 2018, 46, 409-419.	1.9	86
65	Autoantibody profiling for the study and treatment of autoimmune disease. Arthritis Research, 2002, 4, 290.	2.0	84
66	Advances in Serodiagnostic Testing for Lyme Disease Are at Hand. Clinical Infectious Diseases, 2018, 66, 1133-1139.	2.9	82
67	Protein arrays for autoantibody profiling and fine-specificity mapping. Proteomics, 2003, 3, 2077-2084.	1.3	81
68	New tools for classification and monitoring of autoimmune diseases. Nature Reviews Rheumatology, 2012, 8, 317-328.	3.5	81
69	Elevated IgA Plasmablast Levels in Subjects at Risk of Developing Rheumatoid Arthritis. Arthritis and Rheumatology, 2016, 68, 2372-2383.	2.9	74
70	IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis. ELife, 2019, 8, .	2.8	74
71	Proteomics technologies for the study of autoimmune disease. Arthritis and Rheumatism, 2002, 46, 885-893.	6.7	71
72	Tyrosine Kinase Inhibitors Ameliorate Autoimmune Encephalomyelitis in a Mouse Model of Multiple Sclerosis. Journal of Clinical Immunology, 2011, 31, 1010-1020.	2.0	71

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73	Rheumatoid Arthritis, Anti–Cyclic Citrullinated Peptide Positivity, and Cardiovascular Disease Risk in the Women's Health Initiative. Arthritis and Rheumatology, 2015, 67, 2311-2322.	2.9	69
74	c-Fms-mediated differentiation and priming of monocyte lineage cells play a central role in autoimmune arthritis. Arthritis Research and Therapy, 2010, 12, R32.	1.6	67
75	Immunodynamics: a cancer immunotherapy trials network review of immune monitoring in immuno-oncology clinical trials. , 2016, 4, 15.		67
76	Tyrosine kinases as targets for the treatment of rheumatoid arthritis. Nature Reviews Rheumatology, 2009, 5, 317-324.	3.5	65
77	T Cell–Dependent Affinity Maturation and Innate Immune Pathways Differentially Drive Autoreactive B Cell Responses in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 1732-1744.	2.9	65
78	Affinity Maturation Drives Epitope Spreading and Generation of Proinflammatory Anti–Citrullinated Protein Antibodies in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 1946-1958.	2.9	65
79	Optimal approaches to data collection and analysis of potential immune mediated disorders in clinical trials of new vaccines. Vaccine, 2013, 31, 1870-1876.	1.7	64
80	Autoimmunity against Fibrinogen Mediates Inflammatory Arthritis in Mice. Journal of Immunology, 2010, 184, 379-390.	0.4	62
81	Identification of anticitrullinated protein antibody reactivities in a subset of anti-CCP-negative rheumatoid arthritis: association with cigarette smoking and HLA-DRB1 'shared epitope' alleles. Annals of the Rheumatic Diseases, 2015, 74, 579-586.	0.5	62
82	CCL19 as a Chemokine Risk Factor for Posttreatment Lyme Disease Syndrome: a Prospective Clinical Cohort Study. Vaccine Journal, 2016, 23, 757-766.	3.2	62
83	B cell checkpoints in autoimmune rheumatic diseases. Nature Reviews Rheumatology, 2019, 15, 303-315.	3.5	62
84	Plasma carboxypeptidase B downregulates inflammatory responses in autoimmune arthritis. Journal of Clinical Investigation, 2011, 121, 3517-27.	3.9	61
85	Immunity to the Extracellular Domain of Nogo-A Modulates Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2004, 173, 6981-6992.	0.4	60
86	Proteomic biomarkers for autoimmune disease. Proteomics, 2006, 6, 4100-4105.	1.3	60
87	Direct Diagnostic Tests for Lyme Disease. Clinical Infectious Diseases, 2019, 68, 1052-1057.	2.9	60
88	A highly recurrent RPS27 5'UTR mutation in melanoma. Oncotarget, 2014, 5, 2912-2917.	0.8	60
89	Contribution of Mast Cell–Derived Interleukin–1β to Uric Acid Crystal–Induced Acute Arthritis in Mice. Arthritis and Rheumatology, 2014, 66, 2881-2891.	2.9	59
90	Increased pretreatment serum IFN-β/α ratio predicts non-response to tumour necrosis factor α inhibition in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2016, 75, 1757-1762.	0.5	59

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91	Thrombin–activatable carboxypeptidase B cleavage of osteopontin regulates neutrophil survival and synoviocyte binding in rheumatoid arthritis. Arthritis and Rheumatism, 2009, 60, 2902-2912.	6.7	58
92	Identification of Naturally Occurring Fatty Acids of the Myelin Sheath That Resolve Neuroinflammation. Science Translational Medicine, 2012, 4, 137ra73.	5.8	58
93	Anti-citrullinated peptide autoantibodies, human leukocyte antigen shared epitope and risk of future rheumatoid arthritis: a nested case–control study. Arthritis Research and Therapy, 2013, 15, R159.	1.6	58
94	Serum Inflammatory Mediators as Markers of Human Lyme Disease Activity. PLoS ONE, 2014, 9, e93243.	1.1	58
95	Antigen arrays for antibody profiling. Current Opinion in Chemical Biology, 2006, 10, 67-72.	2.8	57
96	A Suppressive Oligodeoxynucleotide Enhances the Efficacy of Myelin Cocktail/IL-4-Tolerizing DNA Vaccination and Treats Autoimmune Disease. Journal of Immunology, 2005, 175, 6226-6234.	0.4	56
97	Protein and Peptide Array Analysis of Autoimmune Disease. BioTechniques, 2002, 33, S66-S69.	0.8	55
98	Regulation of tissue inflammation by thrombin-activatable carboxypeptidase B (or TAFI). Molecular Immunology, 2008, 45, 4080-4083.	1.0	52
99	Chemerin158K Protein Is the Dominant Chemerin Isoform in Synovial and Cerebrospinal Fluids but Not in Plasma. Journal of Biological Chemistry, 2011, 286, 39520-39527.	1.6	51
100	Antibody Responses to Citrullinated and Noncitrullinated Antigens in the Sputum of Subjects With Rheumatoid Arthritis and Subjects at Risk for Development of Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 516-527.	2.9	51
101	Multiplexed autoantigen microarrays identify HLA as a key driver of anti-desmoglein and -non-desmoglein reactivities in pemphigus. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1859-1864.	3.3	50
102	Peptidylarginine Deiminase 4 Contributes to Tumor Necrosis Factor α–Induced Inflammatory Arthritis. Arthritis and Rheumatology, 2014, 66, 1482-1491.	2.9	49
103	Increased inflammation and disease activity among current cigarette smokers with rheumatoid arthritis: a cross-sectional analysis of US veterans. Rheumatology, 2016, 55, 1969-1977.	0.9	49
104	Affinity Maturation of the Anti–Citrullinated Protein Antibody Paratope Drives Epitope Spreading and Polyreactivity in Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 507-517.	2.9	48
105	A Prospective Study of the Development of Inflammatory Arthritis in the Family Members of Indigenous North American People With Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 1494-1503.	2.9	47
106	Determination of ceruloplasmin in human serum by SEC-ICPMS. Analytical and Bioanalytical Chemistry, 2006, 386, 180-187.	1.9	46
107	Serum autoantibodies to myelin peptides distinguish acute disseminated encephalomyelitis from relapsing– remitting multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 1726-1733.	1.4	46
108	Relatives Without Rheumatoid Arthritis Show Reactivity to Anti–Citrullinated Protein/Peptide Antibodies That Are Associated With Arthritis–Related Traits: Studies of the Etiology of Rheumatoid Arthritis. Arthritis and Rheumatism, 2013, 65, 1995-2004.	6.7	44

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109	Identifying functional anti-Staphylococcus aureus antibodies by sequencing antibody repertoires of patient plasmablasts. Clinical Immunology, 2014, 152, 77-89.	1.4	42
110	PKC-epsilon and TLR4 synergistically regulate resistin-mediated inflammation in human macrophages. Atherosclerosis, 2017, 259, 51-59.	0.4	42
111	Identification of biomarkers associated with the development of hepatocellular carcinoma in CuZn superoxide dismutase deficient mice. Proteomics, 2007, 7, 2121-2129.	1.3	41
112	Alveolar Bone Loss Is Associated With Circulating Antiâ€Citrullinated Protein Antibody (ACPA) in Patients With Rheumatoid Arthritis. Journal of Periodontology, 2015, 86, 222-231.	1.7	41
113	Nicotine drives neutrophil extracellular traps formation and accelerates collagen-induced arthritis. Rheumatology, 2016, 56, kew449.	0.9	41
114	Proteomics for the Development of DNA Tolerizing Vaccines to Treat Autoimmune Disease. Clinical Immunology, 2002, 103, 7-12.	1.4	40
115	Biomarkers for rheumatoid arthritis: Making it personal. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 79-84.	0.6	40
116	Association of synovial inflammation and inflammatory mediators with glenohumeral rotator cuff pathology. Journal of Shoulder and Elbow Surgery, 2016, 25, 989-997.	1.2	40
117	Dysregulated integrin Î±VÎ²3 and CD47 signaling promotes joint inflammation, cartilage breakdown, and progression of osteoarthritis. JCI Insight, 2019, 4, .	2.3	39
118	Mass Cytometry Analysis Shows That a Novel Memory Phenotype B Cell Is Expanded in Multiple Myeloma. Cancer Immunology Research, 2015, 3, 650-660.	1.6	38
119	Development of a Multiantigen Panel for Improved Detection of Borrelia burgdorferi Infection in Early Lyme Disease. Journal of Clinical Microbiology, 2015, 53, 3834-3841.	1.8	38
120	A Multitude of Kinasesâ€"Which are the Best Targets in Treating Rheumatoid Arthritis?. Rheumatic Disease Clinics of North America, 2010, 36, 367-383.	0.8	37
121	Plateletâ€Rich Plasma (PRP) From Older Males With Knee Osteoarthritis Depresses Chondrocyte Metabolism and Upregulates Inflammation. Journal of Orthopaedic Research, 2019, 37, 1760-1770.	1.2	37
122	Autoantibodies against central nervous system antigens in a subset of B cellâ€"dominant multiple sclerosis patients. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21512-21518.	3.3	36
123	Spontaneous resolution of severe aplastic anemia associated with viral hepatitis a in a 6-year-old child. American Journal of Hematology, 1978, 5, 247-252.	2.0	35
124	Biomarkers to guide clinical therapeutics in rheumatology?. Current Opinion in Rheumatology, 2016, 28, 168-175.	2.0	35
125	Brief Report: Testosterone Is Protective in the Sexually Dimorphic Development of Arthritis and Lung Disease in SKG Mice. Arthritis and Rheumatism, 2013, 65, 1487-1493.	6.7	33
126	Optical imaging of articular cartilage degeneration using near-infrared dipicolylamine probes. Biomaterials, 2014, 35, 7511-7521.	5.7	33

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127	Genomic and proteomic analysis of multiple sclerosis Opinion. Current Opinion in Immunology, 2003, 15, 660-667.	2.4	31
128	Brief Report: Carboxypeptidase B Serves as a Protective Mediator in Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 101-106.	2.9	31
129	Circulating plasmablasts are elevated and produce pathogenic antiâ€endothelial cell autoantibodies in idiopathic pulmonary arterial hypertension. European Journal of Immunology, 2018, 48, 874-884.	1.6	31
130	High-throughput Methods for Measuring Autoantibodies in Systemic Lupus Erythematosus and other Autoimmune Diseases. Autoimmunity, 2004, 37, 269-272.	1.2	30
131	Identification of acute phase reactants and cytokines useful for monitoring infliximab therapy in ankylosing spondylitis. Clinical Rheumatology, 2008, 27, 1429-1435.	1.0	30
132	Chaperone Activity of Î± B-Crystallin Is Responsible for Its Incorrect Assignment as an Autoantigen in Multiple Sclerosis. Journal of Immunology, 2011, 186, 4263-4268.	0.4	30
133	Determinants of Mortality Among Postmenopausal Women in the Women's Health Initiative Who Report Rheumatoid Arthritis. Arthritis and Rheumatology, 2014, 66, 497-507.	2.9	30
134	Antigen-specific tolerance to self-antigens in protein replacement therapy, gene therapy and autoimmunity. Current Opinion in Immunology, 2019, 61, 46-53.	2.4	30
135	Pre-analytical effects of blood sampling and handling in quantitative immunoassays for rheumatoid arthritis. Journal of Immunological Methods, 2012, 378, 72-80.	0.6	29
136	Role of Protein Phosphatase Magnesiumâ€Dependent 1A and Antiâ€"Protein Phosphatase Magnesiumâ€Dependent 1A Autoantibodies in Ankylosing Spondylitis. Arthritis and Rheumatology, 2014, 66, 2793-2803.	2.9	29
137	Microarray profiling of antiviral antibodies for the development of diagnostics, vaccines, and therapeutics. Clinical Immunology, 2004, 111, 196-201.	1.4	28
138	Associations of toll-like receptor (TLR)-4 single nucleotide polymorphisms and rheumatoid arthritis disease progression: An observational cohort study. International Immunopharmacology, 2015, 24, 346-352.	1.7	28
139	Robust B Cell Responses Predict Rapid Resolution of Lyme Disease. Frontiers in Immunology, 2018, 9, 1634.	2.2	28
140	Elevated BMI and antibodies to citrullinated proteins interact to increase rheumatoid arthritis risk and shorten time to diagnosis: A nested caseâ€"control study of women in the NursesÊ¼ Health Studies. Seminars in Arthritis and Rheumatism, 2017, 46, 692-698.	1.6	27
141	Identification of KRT16 as a target of an autoantibody response in complex regional pain syndrome. Experimental Neurology, 2017, 287, 14-20.	2.0	27
142	Combination of anti-citrullinated protein antibodies and rheumatoid factor is associated with increased systemic inflammatory mediators and more rapid progression from preclinical to clinical rheumatoid arthritis. Clinical Immunology, 2018, 195, 119-126.	1.4	27
143	Clinical optimization of antigen specific modulation of type 1 diabetes with the plasmid DNA platform. Clinical Immunology, 2013, 149, 297-306.	1.4	26
144	The interleukin-20 receptor axis in early rheumatoid arthritis: novel links between disease-associated autoantibodies and radiographic progression. Arthritis Research and Therapy, 2016, 18, 61.	1.6	26

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145	B cell depletion with rituximab in patients with rheumatoid arthritis: Multiplex bead array reveals the kinetics of IgG and IgA antibodies to citrullinated antigens. Journal of Autoimmunity, 2016, 70, 22-30.	3.0	24
146	Autoantibodies to protein-arginine deiminase (PAD) 4 in rheumatoid arthritis: immunological and clinical significance, and potential for precision medicine. Expert Review of Clinical Immunology, 2019, 15, 1073-1087.	1.3	24
147	Asthma and elevation of anti-citrullinated protein antibodies prior to the onset of rheumatoid arthritis. Arthritis Research and Therapy, 2019, 21, 246.	1.6	24
148	Enrichment of malondialdehyde–acetaldehyde antibody in the rheumatoid arthritis joint. Rheumatology, 2017, 56, 1794-1803.	0.9	23
149	Association of Anti–Citrullinated Peptide Antibodies With Coronary Artery Calcification in Rheumatoid Arthritis. Arthritis Care and Research, 2017, 69, 1276-1281.	1.5	23
150	Decreased plasma levels of soluble CD18 link leukocyte infiltration with disease activity in spondyloarthritis. Arthritis Research and Therapy, 2014, 16, R42.	1.6	22
151	B Cells and Transplantation: An Educational Resource. Biology of Blood and Marrow Transplantation, 2009, 15, 104-113.	2.0	21
152	CD11c-mediated deletion of Flip promotes autoreactivity and inflammatory arthritis. Nature Communications, 2015, 6, 7086.	5.8	20
153	Chemerin 156F, generated by chymase cleavage of prochemerin, is elevated in joint fluids of arthritis patients. Arthritis Research and Therapy, 2018, 20, 132.	1.6	20
154	Neutralizing anti–IL-1 receptor antagonist autoantibodies induce inflammatory and fibrotic mediators in IgG4-related disease. Journal of Allergy and Clinical Immunology, 2022, 149, 358-368.	1.5	20
155	Complement receptor CR2/CR1 deficiency protects mice from collagen-induced arthritis and associates with reduced autoantibodies to type II collagen and citrullinated antigens. Molecular Immunology, 2008, 45, 2808-2819.	1.0	19
156	Plasmablast antibody repertoires in elderly influenza vaccine responders exhibit restricted diversity but increased breadth of binding across influenza strains. Clinical Immunology, 2018, 193, 70-79.	1.4	19
157	Histologic and Transcriptional Evidence of Subclinical Synovial Inflammation in Patients With Rheumatoid Arthritis in Clinical Remission. Arthritis and Rheumatology, 2019, 71, 1034-1041.	2.9	19
158	A Distinct Class of Antibodies May Be an Indicator of Gray Matter Autoimmunity in Early and Established Relapsing Remitting Multiple Sclerosis Patients. ASN Neuro, 2015, 7, 175909141560961.	1.5	18
159	Latent autoimmunity across disease-specific boundaries in at-risk first-degree relatives of SLE and RA patients. EBioMedicine, 2019, 42, 76-85.	2.7	18
160	Fibroblast-like synovial cell production of extra domain A fibronectin associates with inflammation in osteoarthritis. BMC Rheumatology, 2019, 3, 46.	0.6	18
161	Tolerizing DNA vaccines for autoimmune arthritis. Autoimmunity, 2006, 39, 675-682.	1.2	17
162	Associations of Circulating Cytokines and Chemokines With Cancer Mortality in Men With Rheumatoid Arthritis. Arthritis and Rheumatology, 2016, 68, 2394-2402.	2.9	17

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163	Engineered DNA plasmid reduces immunity to dystrophin while improving muscle force in a model of gene therapy of Duchenne dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9182-E9191.	3.3	17
164	Development and deployment of antigen arrays for investigation of B-cell fine specificity in autoimmune disease. Frontiers in Bioscience - Elite, 2012, E4, 320-330.	0.9	17
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