

Jennifer H Anolik

List of Publications by Citations

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

88

papers

6,584

citations

40

h-index

81

g-index

109

ext. papers

8,067

ext. citations

7.3

avg, IF

5.46

L-index

#	Paper	IF	Citations
88	B cell depletion as a novel treatment for systemic lupus erythematosus: a phase I/II dose-escalation trial of rituximab. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2580-9		642
87	The relationship of FcγRIIIa genotype to degree of B cell depletion by rituximab in the treatment of systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2003 , 48, 455-9		375
86	A new population of cells lacking expression of CD27 represents a notable component of the B cell memory compartment in systemic lupus erythematosus. <i>Journal of Immunology</i> , 2007 , 178, 6624-33	5.3	374
85	Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. <i>Nature Immunology</i> , 2019 , 20, 928-942	19.1	369
84	Rituximab improves peripheral B cell abnormalities in human systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2004 , 50, 3580-90		365
83	Distinct Effector B Cells Induced by Unregulated Toll-like Receptor 7 Contribute to Pathogenic Responses in Systemic Lupus Erythematosus. <i>Immunity</i> , 2018 , 49, 725-739.e6	32.3	303
82	Phenotypic and functional heterogeneity of human memory B cells. <i>Seminars in Immunology</i> , 2008 , 20, 67-82	10.7	277
81	The immune cell landscape in kidneys of patients with lupus nephritis. <i>Nature Immunology</i> , 2019 , 20, 902-914	19.1	254
80	Germinal center exclusion of autoreactive B cells is defective in human systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3205-16	15.9	242
79	Delayed memory B cell recovery in peripheral blood and lymphoid tissue in systemic lupus erythematosus after B cell depletion therapy. <i>Arthritis and Rheumatism</i> , 2007 , 56, 3044-56		233
78	Novel human transitional B cell populations revealed by B cell depletion therapy. <i>Journal of Immunology</i> , 2009 , 182, 5982-93	5.3	210
77	Lupus IgG VH4.34 antibodies bind to a 220-kDa glycoform of CD45/B220 on the surface of human B lymphocytes. <i>Journal of Immunology</i> , 2004 , 172, 4298-307	5.3	188
76	Beneficial effect of novel proteasome inhibitors in murine lupus via dual inhibition of type I interferon and autoantibody-secreting cells. <i>Arthritis and Rheumatism</i> , 2012 , 64, 493-503		185
75	B cell reconstitution after rituximab treatment of lymphoma recapitulates B cell ontogeny. <i>Clinical Immunology</i> , 2007 , 122, 139-45	9	137
74	Cutting edge: anti-tumor necrosis factor therapy in rheumatoid arthritis inhibits memory B lymphocytes via effects on lymphoid germinal centers and follicular dendritic cell networks. <i>Journal of Immunology</i> , 2008 , 180, 688-92	5.3	121
73	Production of RANKL by Memory B Cells: A Link Between B Cells and Bone Erosion in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016 , 68, 805-16	9.5	97
72	Expansion of Activated Peripheral Blood Memory B Cells in Rheumatoid Arthritis, Impact of B Cell Depletion Therapy, and Biomarkers of Response. <i>PLoS ONE</i> , 2015 , 10, e0128269	3.7	91

71	B cells in the pathogenesis and treatment of rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2010 , 22, 307-15	5.3	87
70	B cells as therapeutic targets for rheumatic diseases. <i>Current Opinion in Rheumatology</i> , 2004 , 16, 180-5	5.3	86
69	A novel subset of memory B cells is enriched in autoreactivity and correlates with adverse outcomes in SLE. <i>Clinical Immunology</i> , 2008 , 126, 189-201	9	81
68	Prolonged effects of short-term anti-CD20 B cell depletion therapy in murine systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2443-57		80
67	PD-1hiCXCR5 ⁺ T peripheral helper cells promote B cell responses in lupus via MAF and IL-21. <i>JCI Insight</i> , 2019 , 4,	9.9	76
66	B-cell-targeted therapy for systemic lupus erythematosus. <i>Drugs</i> , 2006 , 66, 1933-48	12.1	74
65	New treatments for SLE: cell-depleting and anti-cytokine therapies. <i>Best Practice and Research in Clinical Rheumatology</i> , 2005 , 19, 859-78	5.3	71
64	Insights into the heterogeneity of human B cells: diverse functions, roles in autoimmunity, and use as therapeutic targets. <i>Immunologic Research</i> , 2009 , 45, 144-58	4.3	70
63	Neutrophil-mediated IFN activation in the bone marrow alters B cell development in human and murine systemic lupus erythematosus. <i>Journal of Immunology</i> , 2014 , 192, 906-18	5.3	62
62	B cells inhibit bone formation in rheumatoid arthritis by suppressing osteoblast differentiation. <i>Nature Communications</i> , 2018 , 9, 5127	17.4	61
61	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. <i>Arthritis Research and Therapy</i> , 2018 , 20, 139	5.7	60
60	Decreased influenza-specific B cell responses in rheumatoid arthritis patients treated with anti-tumor necrosis factor. <i>Arthritis Research and Therapy</i> , 2011 , 13, R209	5.7	58
59	Effects of multiple estrogen responsive elements, their spacing, and location on estrogen response of reporter genes. <i>Molecular Endocrinology</i> , 1997 , 11, 1994-2003		58
58	Neuromyelitis optica spectrum disorder in a patient with systemic lupus erythematosus and anti-phospholipid antibody syndrome. <i>Multiple Sclerosis Journal</i> , 2008 , 14, 425-7	5	56
57	B cell depletion therapy in autoimmune diseases. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 2546-67	2.8	54
56	B cell depletion therapy in systemic lupus erythematosus. <i>Current Rheumatology Reports</i> , 2003 , 5, 350-6	4.9	53
55	NOTCH inhibits osteoblast formation in inflammatory arthritis via noncanonical NF- κ B. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3200-14	15.9	53
54	Human innate B cells: a link between host defense and autoimmunity?. <i>Seminars in Immunopathology</i> , 2005 , 26, 433-52		51

53	B lymphocytes in systemic lupus erythematosus: lessons from therapy targeting B cells. <i>Lupus</i> , 2004 , 13, 381-90	2.6	50
52	Down-regulation of CD20 on B cells upon CD40 activation. <i>European Journal of Immunology</i> , 2003 , 33, 2398-409	6.1	46
51	Cooperative binding of estrogen receptor to DNA depends on spacing of binding sites, flanking sequence, and ligand. <i>Biochemistry</i> , 1995 , 34, 2511-20	3.2	46
50	B cell biology: implications for treatment of systemic lupus erythematosus. <i>Lupus</i> , 2013 , 22, 342-9	2.6	45
49	B cell biology and dysfunction in SLE. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2007 , 65, 182-6		45
48	Bone Marrow-Derived Mesenchymal Stem Cells From Patients With Systemic Lupus Erythematosus Have a Senescence-Associated Secretory Phenotype Mediated by a Mitochondrial Antiviral Signaling Protein-Interferon-Feedback Loop. <i>Arthritis and Rheumatology</i> , 2017 , 69, 1623-1635	9.5	39
47	Quantitative proteomics of parotid saliva in primary Sjögren's syndrome. <i>Proteomics</i> , 2012 , 12, 3113-20	4.8	37
46	B cells in human and murine systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , 2004 , 16, 505-12	5.3	37
45	Primary Sjögren's syndrome is characterized by distinct phenotypic and transcriptional profiles of IgD+ unswitched memory B cells. <i>Arthritis and Rheumatology</i> , 2014 , 66, 2558-69	9.5	33
44	Impaired TLR9 responses in B cells from patients with systemic lupus erythematosus. <i>JCI Insight</i> , 2018 , 3,	9.9	32
43	Treatment of SLE with anti-CD20 monoclonal antibody. <i>Current Directions in Autoimmunity</i> , 2005 , 8, 193-205		32
42	Antibody-Array-Based Proteomic Screening of Serum Markers in Systemic Lupus Erythematosus: A Discovery Study. <i>Journal of Proteome Research</i> , 2016 , 15, 2102-14	5.6	32
41	B cell targeted therapies in autoimmune disease. <i>Current Opinion in Immunology</i> , 2019 , 61, 92-99	7.8	32
40	Stability of the ligand-estrogen receptor interaction depends on estrogen response element flanking sequences and cellular factors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996 , 59, 413-29	5.1	30
39	Differential impact of flanking sequences on estradiol- vs 4-hydroxytamoxifen-liganded estrogen receptor binding to estrogen responsive element DNA. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993 , 46, 713-30	5.1	29
38	Profound hypogammaglobulinemia 7 years after treatment for indolent lymphoma. <i>Cancer Investigation</i> , 2008 , 26, 431-3	2.1	28
37	A perspective on B-cell-targeting therapy for SLE. <i>Modern Rheumatology</i> , 2010 , 20, 1-10	3.3	27
36	Long-term B cell depletion in murine lupus eliminates autoantibody-secreting cells and is associated with alterations in the kidney plasma cell niche. <i>Journal of Immunology</i> , 2014 , 192, 3011-20	5.3	22

35	New insights into B cell biology in systemic lupus erythematosus and Sjögren's syndrome. <i>Current Opinion in Rheumatology</i> , 2015 , 27, 461-7	5.3	21
34	A perspective on B-cell-targeting therapy for SLE. <i>Modern Rheumatology</i> , 2010 , 20, 1-10	3.3	19
33	Treatment targets in systemic lupus erythematosus: biology and clinical perspective. <i>Arthritis Research and Therapy</i> , 2012 , 14 Suppl 4, S3	5.7	18
32	B-cell biology and related therapies in systemic lupus erythematosus. <i>Rheumatic Disease Clinics of North America</i> , 2010 , 36, 109-30, viii-ix	2.4	18
31	Transitional B cells in quiescent SLE: An early checkpoint imprinted by IFN. <i>Journal of Autoimmunity</i> , 2019 , 102, 150-158	15.5	17
30	Reconstitution of the adult B cell repertoire after treatment with rituximab. <i>Arthritis Research and Therapy</i> , 2005 , 7, 175-6	5.7	16
29	Neutrophils Slow Disease Progression in Murine Lupus via Modulation of Autoreactive Germinal Centers. <i>Journal of Immunology</i> , 2017 , 199, 458-466	5.3	16
28	Posttransfusion purpura secondary to an alloantibody reactive with HPA-5a (Br(b)). <i>Transfusion</i> , 2001 , 41, 633-6	2.9	15
27	Autoreactivity in naïve human fetal B cells is associated with commensal bacteria recognition. <i>Science</i> , 2020 , 369, 320-325	33.3	15
26	Vaccine responses in patients with rheumatoid arthritis. <i>Current Rheumatology Reports</i> , 2007 , 9, 407-15	4.9	14
25	New therapies for systemic lupus erythematosus: cellular targets. <i>Rheumatic Disease Clinics of North America</i> , 2006 , 32, 201-15, xi	2.4	14
24	Impaired ATM activation in B cells is associated with bone resorption in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	12
23	A protocol for single-cell transcriptomics from cryopreserved renal tissue and urine for the Accelerating Medicine Partnership (AMP) RA/SLE network		11
22	Inhibition of G Protein β Subunit Signaling Abrogates Nephritis in Lupus-Prone Mice. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2244-56	9.5	11
21	Failure of B Cell Tolerance in CVID. <i>Frontiers in Immunology</i> , 2019 , 10, 2881	8.4	7
20	Activated peripheral blood B cells in rheumatoid arthritis and relationship to anti-TNF treatment and response: randomized clinical trial for anti-TNF effects on B cells. <i>Arthritis and Rheumatology</i> , 2021 ,	9.5	6
19	IFN signaling inhibits osteogenesis in human SLE bone marrow. <i>Lupus</i> , 2020 , 29, 1040-1049	2.6	5
18	Cell Senescence in Lupus. <i>Current Rheumatology Reports</i> , 2019 , 21, 1	4.9	5

17	Bone marrow mesenchymal stem cells from patients with SLE maintain an interferon signature during in vitro culture. <i>Cytokine</i> , 2020 , 132, 154725	4	4
16	Immunologic reconstitution after rituximab in systemic lupus erythematosus: why should we care?. <i>Journal of Rheumatology</i> , 2011 , 38, 587-9	4.1	3
15	From Cold-Agglutinin Disease to Systemic Lupus Erythematosus: Lessons in Human B-Cell Tolerance and Its Breakdown. <i>Transfusion Medicine and Hemotherapy</i> , 2004 , 31, 84-90	4.2	3
14	Defining Inflammatory Cell States in Rheumatoid Arthritis Joint Synovial Tissues by Integrating Single-cell Transcriptomics and Mass Cytometry		3
13	PKK deficiency in B cells prevents lupus development in Sle lupus mice. <i>Immunology Letters</i> , 2017 , 185, 1-11	4.1	2
12	Targeted biologic approaches to the treatment of systemic vasculitis. <i>Clinical Reviews in Allergy and Immunology</i> , 2008 , 35, 79-87	12.3	2
11	High dimensional analyses of cells dissociated from cryopreserved synovial tissue		2
10	AI-19 T peripheral helper cells are expanded in the circulation of active SLE patients and correlate with CD21low B cells 2018 ,		2
9	B cell immunology for the clinician. <i>Pediatric Infectious Disease Journal</i> , 2011 , 30, 158-60	3.4	1
8	B Cell Activation and Plasma Cell Differentiation Are Promoted by IFN- γ in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2021 , 207, 2660-2672	5.3	1
7	Urine Proteomics and Renal Single Cell Transcriptomics Implicate IL-16 in Lupus Nephritis. <i>Arthritis and Rheumatology</i> , 2021 ,	9.5	1
6	Two negative randomized controlled trials in lupus: now what?. <i>F1000 Medicine Reports</i> , 2009 , 1,		1
5	Single cell analysis of RA synovial B cells reveals a dynamic spectrum of ectopic lymphoid B cell activation and hypermutation characterized by NR4A nuclear receptor expression		1
4	Disruptive innovation in rheumatology: new networks of global public-private partnerships are needed to take advantage of scientific progress. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 553-555	2.4	1
3	Dynamic spectrum of ectopic lymphoid B cell activation and hypermutation in the RA synovium characterized by NR4A nuclear receptor expression.. <i>Cell Reports</i> , 2022 , 39, 110766	10.6	1
2	Characterization of Small Molecule G α i Inhibitors in the Context of Inflammation. <i>FASEB Journal</i> , 2015 , 29, 618.4	0.9	
1	B-cell biology, tolerance, and autoantibodies 2021 , 71-80		