Joan E Wither

List of Publications by Year
in descending order

76 papers	3,877 citations	201674 27 h-index	133252 59 g-index
76 all docs	76 docs citations	76 times ranked	6582 citing authors

#	Article	IF	Citations
1	Serological abnormalities that predict progression to systemic autoimmune rheumatic diseases in antinuclear antibodyâ€“positive individuals. Rheumatology, 2022, 61, 1092-1105.	1.9	8
2	Relationship Between Genetic Risk and Age of Diagnosis in Systemic Lupus Erythematosus. Journal of Rheumatology, 2021, 48, 852-858.	2.0	19
3	The baseline interferon signature predicts disease severity over the subsequent 5 years in systemic lupus erythematosus. Arthritis Research and Therapy, 2021, 23, 29.	3.5	27
4	Introduction: Metrics and Domains Measured in SLE. , 2021, , 1-28.		0
5	Longitudinal relationships between cognitive domains and depression and anxiety symptoms in systemic lupus erythematosus. Seminars in Arthritis and Rheumatism, 2021, 51, 1186-1192.	3.4	11
6	Insight into intraindividual variability across neuropsychological tests and its association with cognitive dysfunction in patients with lupus. Lupus Science and Medicine, 2021, 8, e000511.	2.7	2
7	1501â€…Genetics of age at systemic lupus erythematosus diagnosis. , 2021, , .		0
8	Association of systemic lupus erythematosus (SLE) genetic susceptibility loci with lupus nephritis in childhood-onset and adult-onset SLE. Rheumatology, 2020, 59, 90-98.	1.9	40
9	Validity Evidence for the Use of Automated Neuropsychologic Assessment Metrics As a Screening Tool for Cognitive Impairment in Systemic Lupus Erythematosus. Arthritis Care and Research, 2020, 72, 1809-1819.	3.4	24
10	Prevalence and metric of depression and anxiety in systemic lupus erythematosus: A systematic review and meta-analysis. Seminars in Arthritis and Rheumatism, 2020, 50, 84-94.	3.4	69
11	Impaired B cell anergy is not sufficient to breach tolerance to nuclear antigen in VÎ²8/3H9 lupus-prone mice. PLoS ONE, 2020, 15, e0236664.	2.5	0
12	Fatigue severity in anti-nuclear antibody-positive individuals does not correlate with pro-inflammatory cytokine levels or predict imminent progression to symptomatic disease. Arthritis Research and Therapy, 2019, 21, 223.	3.5	13
13	Rethinking Lupus Nephritis Classification on a Molecular Level. Journal of Clinical Medicine, 2019, 8, 1524.	2.4	21
14	Genetic engineering in primary human B cells with CRISPR-Cas9 ribonucleoproteins. Journal of Immunological Methods, 2018, 457, 33-40.	1.4	39
15	CS-37â€…Prevalence of cognitive impairment in systemic lupus erythematosus assessed by a comprehensive neuropsychological battery. , 2018, , .		0
16	A tyrosine sulfationâ€“dependent HLA-I modification identifies memory B cells and plasma cells. Science Advances, 2018, 4, eaar7653.	10.3	13
17	The presence of anti-nuclear antibodies alone is associated with changes in B cell activation and T follicular helper cells similar to those in systemic autoimmune rheumatic disease. Arthritis Research and Therapy, 2018, 20, 264.	3.5	26
18	Apoptotic cellâ€“induced AhR activity is required for immunological tolerance and suppression of systemic lupus erythematosus in mice and humans. Nature Immunology, 2018, 19, 571-582.	14.5	137

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19	Identification of a neutrophil-related gene expression signature that is enriched in adult systemic lupus erythematosus patients with active nephritis: Clinical/pathologic associations and etiologic mechanisms. PLoS ONE, 2018, 13, e0196117.	2.5	40
20	Invariant NKT Cell Activation Is Potentiated by Homotypic trans-Ly108 Interactions. Journal of Immunology, 2017, 198, 3949-3962.	0.8	6
21	Presence of an interferon signature in individuals who are anti-nuclear antibody positive lacking a systemic autoimmune rheumatic disease diagnosis. Arthritis Research and Therapy, 2017, 19, 41.	3.5	34
22	Transancestral mapping and genetic load in systemic lupus erythematosus. Nature Communications, 2017, 8, 16021.	12.8	314
23	Development, Sensibility, and Validity of a Systemic Autoimmune Rheumatic Disease Case Ascertainment Tool. Journal of Rheumatology, 2017, 44, 18-23.	2.0	6
24	Multiple tolerance defects contribute to the breach of B cell tolerance in New Zealand Black chromosome 1 congenic mice. PLoS ONE, 2017, 12, e0179506.	2.5	3
25	Regulation of B Cell Migration and Location in Response to Antigens. , 2016, , 166-174.		1
26	A discrete cluster of urinary biomarkers discriminates between active systemic lupus erythematosus patients with and without glomerulonephritis. Arthritis Research and Therapy, 2016, 18, 218.	3.5	27
27	IL-10 Production Is Critical for Sustaining the Expansion of CD5+ B and NKT Cells and Restraining Autoantibody Production in Congenic Lupus-Prone Mice. PLoS ONE, 2016, 11, e0150515.	2.5	15
28	Cancer Cells Hijack PRC2 to Modify Multiple Cytokine Pathways. PLoS ONE, 2015, 10, e0126466.	2.5	29
29	Anti-nucleosome antibodies outperform traditional biomarkers as longitudinal indicators of disease activity in systemic lupus erythematosus. Rheumatology, 2015, 54, 449-457.	1.9	37
30	Interferon-Î± induces altered transitional B cell signaling and function in Systemic Lupus Erythematosus. Journal of Autoimmunity, 2015, 58, 100-110.	6.5	38
31	Anti-dsDNA and Antichromatin Antibody Isotypes in Serologically Active Clinically Quiescent Systemic Lupus Erythematosus. Journal of Rheumatology, 2015, 42, 810-816.	2.0	27
32	Genetic association analyses implicate aberrant regulation of innate and adaptive immunity genes in the pathogenesis of systemic lupus erythematosus. Nature Genetics, 2015, 47, 1457-1464.	21.4	730
33	Lack of Interferon and Proinflammatory Cyto/chemokines in Serologically Active Clinically Quiescent Systemic Lupus Erythematosus. Journal of Rheumatology, 2015, 42, 2318-2326.	2.0	18
34	Identification of the SLAM Adapter Molecule EAT-2 as a Lupus-Susceptibility Gene That Acts through Impaired Negative Regulation of Dendritic Cell Signaling. Journal of Immunology, 2015, 195, 4623-4631.	0.8	4
35	Immunoglobulin G Subclass Analysis in Psoriatic Arthritis. Journal of Rheumatology, 2014, 41, 2421-2424.	2.0	2
36	Experimental evidence that mutated-self peptides derived from mitochondrial DNA somatic mutations have the potential to trigger autoimmunity. Human Immunology, 2014, 75, 873-879.	2.4	16

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37	T Cell and Dendritic Cell Abnormalities Synergize to Expand Pro-Inflammatory T Cell Subsets Leading to Fatal Autoimmunity in B6.NZBc1 Lupus-Prone Mice. PLoS ONE, 2013, 8, e75166.	2.5	6
38	Evaluation of Clinical Outcomes and Renal Vascular Pathology among Patients with Lupus. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 757-764.	4.5	51
39	TLR Tolerance Reduces IFN-Alpha Production Despite Plasmacytoid Dendritic Cell Expansion and Anti-Nuclear Antibodies in NZB Bicongenic Mice. PLoS ONE, 2012, 7, e36761.	2.5	10
40	Molecular Markers of Injury in Kidney Biopsy Specimens of Patients with Lupus Nephritis. Journal of Molecular Diagnostics, 2011, 13, 143-151.	2.8	28
41	Persistent proteinuria and dyslipidemia increase the risk of progressive chronic kidney disease in lupus erythematosus. Kidney International, 2011, 79, 914-920.	5.2	60
42	Abrogation of pathogenic IgG autoantibody production in CD40L gene-deleted lupus-prone New Zealand Black mice. Clinical Immunology, 2011, 139, 215-227.	3.2	16
43	An intrinsic Bâ€cell defect supports autoimmunity in New Zealand black chromosome 13 congenic mice. European Journal of Immunology, 2011, 41, 527-536.	2.9	9
44	Healthcare Cost and Loss of Productivity in a Canadian Population of Patients with and without Lupus Nephritis. Journal of Rheumatology, 2011, 38, 658-666.	2.0	32
45	Increased Expression of B Cell Activation Factor Supports the Abnormal Expansion of Transitional B Cells in Systemic Lupus Erythematosus. Journal of Rheumatology, 2011, 38, 642-651.	2.0	31
46	Epistatic Suppression of Fatal Autoimmunity in New Zealand Black Bicongenic Mice. Journal of Immunology, 2011, 186, 5845-5853.	0.8	8
47	B Cell Activating Factor (BAFF) and T Cells Cooperate to Breach B Cell Tolerance in Lupus-Prone New Zealand Black (NZB) Mice. PLoS ONE, 2010, 5, e11691.	2.5	12
48	Occupational and environmental exposures and risk of systemic lupus erythematosus: silica, sunlight, solvents. Rheumatology, 2010, 49, 2172-2180.	1.9	142
49	Altered Expression of TNF-Î± Signaling Pathway Proteins in Systemic Lupus Erythematosus. Journal of Rheumatology, 2010, 37, 1658-1666.	2.0	30
50	Bone Marrow-derived Human Hematopoietic Stem Cells Engraft NOD/SCID Mice and Traffic Appropriately to an Inflammatory Stimulus in the Joint. Journal of Rheumatology, 2010, 37, 496-502.	2.0	10
51	The Use of Micronutrient Supplements Is Not Associated with Better Quality of Life and Disease Activity in Canadian Patients with Systemic Lupus Erythematosus. Journal of Rheumatology, 2010, 37, 87-90.	2.0	15
52	Common variants in the NLRP3 region contribute to Crohn's disease susceptibility. Nature Genetics, 2009, 41, 71-76.	21.4	448
53	Insights into the genetic basis and immunopathogenesis of systemic lupus erythematosus from the study of mouse models. Seminars in Immunology, 2009, 21, 372-382.	5.6	21
54	Genetic variants near TNFAIP3 on 6q23 are associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 1059-1061.	21.4	534

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55	Reduced proportions of NKT cells are present in the relatives of lupus patients and are associated with autoimmunity. Arthritis Research and Therapy, 2008, 10, R108.	3.5	36
56	Patients with systemic autoimmune diseases could not distinguish comorbidities from their index disease. Journal of Clinical Epidemiology, 2008, 61, 654-662.	5.0	11
57	Expanded Population of Activated Antigen-Engaged Cells within the Naive B Cell Compartment of Patients with Systemic Lupus Erythematosus. Journal of Immunology, 2008, 180, 1276-1284.	0.8	55
58	Bone marrow cell intrinsic defect drives autoimmunity in New Zealand Black chromosome 13 congenic mice. FASEB Journal, 2008, 22, 667.14.	0.5	0
59	Dissociation of the Genetic Loci Leading to B1a and NKT Cell Expansions from Autoantibody Production and Renal Disease in B6 Mice with an Introgressed New Zealand Black Chromosome 4 Interval. Journal of Immunology, 2007, 178, 1608-1617.	0.8	10
60	Immune mechanisms leading to abnormal B cell selection and activation in New Zealand Black mice. European Journal of Immunology, 2007, 37, 2645-2656.	2.9	4
61	Immunization with an Apoptotic Cell-Binding Protein Recapitulates the Nephritis and Sequential Autoantibody Emergence of Systemic Lupus Erythematosus. Journal of Immunology, 2006, 177, 6504-6516.	0.8	46
62	Lymphocytic Infiltration and Immune Activation in Metallothionein Promoter-Exendin-4 (MT-Exendin) Transgenic Mice. Diabetes, 2006, 55, 1562-1570.	0.6	19
63	Colocalization of Expansion of the Splenic Marginal Zone Population with Abnormal B Cell Activation and Autoantibody Production in B6 Mice with an Introgressed New Zealand Black Chromosome 13 Interval. Journal of Immunology, 2005, 175, 4309-4319.	0.8	40
64	Aberrant IgM Signaling Promotes Survival of Transitional T1 B Cells and Prevents Tolerance Induction in Lupus-Prone New Zealand Black Mice. Journal of Immunology, 2005, 175, 7363-7371.	0.8	27
65	Functional Interplay between Intrinsic B and T Cell Defects Leads to Amplification of Autoimmune Disease in New Zealand Black Chromosome 1 Congenic Mice. Journal of Immunology, 2005, 175, 8154-8164.	0.8	13
66	Autoreactive B Cells in Lupus-Prone New Zealand Black Mice Exhibit Aberrant Survival and Proliferation in the Presence of Self-Antigen In Vivo. Journal of Immunology, 2004, 172, 1553-1560.	0.8	18
67	Molecular basis of antigen recognition by insulin specific T cell receptor. Immunology Letters, 2004, 91, 133-139.	2.5	0
68	Functional Dissection of Lupus Susceptibility Loci on the New Zealand Black Mouse Chromosome 1: Evidence for Independent Genetic Loci Affecting T and B Cell Activation. Journal of Immunology, 2003, 171, 1697-1706.	0.8	28
69	Genetic dissection of B cell traits in New Zealand black mice. The expanded population of B cells expressing up-regulated costimulatory molecules shows linkage toNba2. European Journal of Immunology, 2000, 30, 356-365.	2.9	54
70	Activated B Cells Express Increased Levels of Costimulatory Molecules in Young Autoimmune NZB and (NZB Ã— NZW)F1 Mice. Clinical Immunology, 2000, 94, 51-63.	3.2	80
71	Genetic dissection of B cell traits in New Zealand black mice. The expanded population of B cells expressing up-regulated costimulatory molecules shows linkage to Nba2. , 2000, 30, 356.		3
72	The B-cell transmembrane protein CD72 binds to and is an in vivo substrate of the protein tyrosine phosphatase SHP-1. Current Biology, 1998, 8, 1009-1017.	3.9	125

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73	Tolerance is overcome in beef insulin-transgenic mice by activation of low-affinity autoreactive T cells. European Journal of Immunology, 1996, 26, 601-609.	2.9	31
74	Both MHC and background gene heterozygosity alter T cell receptor repertoire selection in an antigen-specific response. Molecular Immunology, 1995, 32, 1355-1367.	2.2	11
75	Identification and Validation of a Urinary Biomarker Panel to Accurately Diagnose and Predict Response to Therapy in Lupus Nephritis. Frontiers in Immunology, 0, 13, .	4.8	5
76	Altered Balance of Pro-Inflammatory Immune Cells to T Regulatory Cells Differentiates Symptomatic From Asymptomatic Individuals With Anti-Nuclear Antibodies. Frontiers in Immunology, 0, 13, .	4.8	2