John D Mountz

List of Publications by Year
in descending order

72 papers	4,073 citations	159585 30 h-index	114465 63 g-index
72 all docs	72 docs citations	72 times ranked	4918 citing authors

#	Article	IF	Citations
1	Interleukin 17â€“producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. Nature Immunology, 2008, 9, 166-175.	14.5	639
2	Tumoricidal activity of a novel anti-human DR5 monoclonal antibody without hepatocyte cytotoxicity. Nature Medicine, 2001, 7, 954-960.	30.7	544
3	Fibromyalgia in women. Arthritis and Rheumatism, 1995, 38, 926-938.	6.7	358
4	Unmasking Fucosylation: from Cell Adhesion to Immune System Regulation and Diseases. Cell Chemical Biology, 2018, 25, 499-512.	5.2	156
5	Managing Macrophages in Rheumatoid Arthritis by Reform or Removal. Current Rheumatology Reports, 2012, 14, 445-454.	4.7	145
6	Defective expression of hematopoietic cell protein tyrosine phosphatase (HCP) in lymphoid cells blocks Fas-mediated apoptosis. Immunity, 1995, 2, 353-362.	14.3	127
7	Regulation of tumor necrosis factor ?-mediated apoptosis of rheumatoid arthritis synovial fibroblasts by the protein kinase Akt. Arthritis and Rheumatism, 2001, 44, 1555-1567.	6.7	118
8	TRAIL-R2 (DR5) Mediates Apoptosis of Synovial Fibroblasts in Rheumatoid Arthritis. Journal of Immunology, 2003, 171, 1061-1069.	0.8	106
9	Gene therapy that inhibits nuclear translocation of nuclear factor ÎºB results in tumor necrosis factor Î±â€“induced apoptosis of human synovial fibroblasts. Arthritis and Rheumatism, 2000, 43, 1094.	6.7	101
10	IL-17 Activates the Canonical NF-ÎºB Signaling Pathway in Autoimmune B Cells of BXD2 Mice To Upregulate the Expression of Regulators of G-Protein Signaling 16. Journal of Immunology, 2010, 184, 2289-2296.	0.8	96
11	Interleukinâ€21 Promotes Germinal Center Reaction by Skewing the Follicular Regulatory T Cell to Follicular Helper T Cell Balance in Autoimmune BXD2 Mice. Arthritis and Rheumatology, 2014, 66, 2601-2612.	5.6	92
12	Induction of specific T-cell tolerance by adenovirus-transfected, Fas ligand-producing antigen-presenting cells. Nature Biotechnology, 1998, 16, 1045-1049.	17.5	85
13	Increased apoptosis of CD45ROâ˜ T cells with aging. Mechanisms of Ageing and Development, 1997, 94, 123-134.	4.6	84
14	IL-17RA Is Essential for Optimal Localization of Follicular Th Cells in the Germinal Center Light Zone To Promote Autoantibody-Producing B Cells. Journal of Immunology, 2013, 191, 1614-1624.	0.8	80
15	Overexpression of Activation-Induced Cytidine Deaminase in B Cells Is Associated with Production of Highly Pathogenic Autoantibodies. Journal of Immunology, 2007, 178, 5357-5365.	0.8	68
16	Inhibition of Fucosylation Reshapes Inflammatory Macrophages and Suppresses Type II Collagenâ€“Induced Arthritis. Arthritis and Rheumatology, 2014, 66, 2368-2379.	5.6	60
17	Production of a novel class of polyreactive pathogenic autoantibodies in BXD2 mice causes glomerulonephritis and arthritis. Arthritis and Rheumatism, 2006, 54, 343-355.	6.7	54
18	Treatment of arthritis by macrophage depletion and immunomodulation: Testing an apoptosisâ€mediated therapy in a humanized death receptor mouse model. Arthritis and Rheumatism, 2012, 64, 1098-1109.	6.7	53

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19	Synovial fibroblasts promote osteoclast formation by RANKL in a novel model of spontaneous erosive arthritis. Arthritis and Rheumatism, 2005, 52, 3257-3268.	6.7	50
20	Emerging optical and nuclear medicine imaging methods in rheumatoid arthritis. Nature Reviews Rheumatology, 2012, 8, 719-728.	8.0	49
21	Treatment of chronic sialadenitis in a murine model of Sjï¿½gren's syndrome by localfasL gene transfer. Arthritis and Rheumatism, 2001, 44, 964-973.	6.7	48
22	Interferon-induced mechanosensing defects impede apoptotic cell clearance in lupus. Journal of Clinical Investigation, 2015, 125, 2877-2890.	8.2	48
23	Maintenance of naÃ¯ve CD8 T cells in nonagenarians by leptin, IGFBP3 and T3. Mechanisms of Ageing and Development, 2010, 131, 29-37.	4.6	42
24	Odanacatib, A Cathepsin Kâ€Specific Inhibitor, Inhibits Inflammation and Bone Loss Caused by Periodontal Diseases. Journal of Periodontology, 2015, 86, 972-983.	3.4	41
25	Autoreactive B cells in SLE, villains or innocent bystanders?. Immunological Reviews, 2019, 292, 120-138.	6.0	40
26	Activated CD8+ T cells from aged mice exhibit decreased activation-induced cell death. Mechanisms of Ageing and Development, 2001, 122, 1663-1684.	4.6	37
27	Marginal Zone Precursor B Cells as Cellular Agents for Type I IFNâ€“Promoted Antigen Transport in Autoimmunity. Journal of Immunology, 2010, 184, 442-451.	0.8	35
28	Cell death and longevity: implications of Fas-mediated apoptosis in T-cell senescence. Immunological Reviews, 1997, 160, 19-30.	6.0	34
29	Dysregulation of T Follicular Helper Cells in Lupus. Journal of Immunology, 2019, 202, 1649-1658.	0.8	34
30	Cutting Edge: Defective Follicular Exclusion of Apoptotic Antigens Due to Marginal Zone Macrophage Defects in Autoimmune BXD2 Mice. Journal of Immunology, 2013, 190, 4465-4469.	0.8	32
31	Inhibition of Rgs10 Expression Prevents Immune Cell Infiltration in Bacteria-induced Inflammatory Lesions and Osteoclast-mediated Bone Destruction. Bone Research, 2013, 1, 267-281.	11.4	31
32	Apoptosis and rheumatoid arthritis: Past, present, and future directions. Current Rheumatology Reports, 2001, 3, 70-78.	4.7	30
33	Genetic regulation of thymic involution. Mechanisms of Ageing and Development, 2005, 126, 87-97.	4.6	30
34	General Approach for Tetramer-Based Identification of Autoantigen-Reactive B Cells: Characterization of La- and snRNP-Reactive B Cells in Autoimmune BXD2 Mice. Journal of Immunology, 2015, 194, 5022-5034.	0.8	30
35	Inhibition of the catalytic function of activation-induced cytidine deaminase promotes apoptosis of germinal center B cells in BXD2 mice. Arthritis and Rheumatism, 2011, 63, 2038-2048.	6.7	29
36	Cutting Edge: Endogenous IFN-Î² Regulates Survival and Development of Transitional B Cells. Journal of Immunology, 2017, 199, 2618-2623.	0.8	28

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37	Mutation of the Hematopoietic Cell Phosphatase (Hcph) Gene Is Associated with Resistance to Î³-Irradiation-Induced Apoptosis in Src Homology Protein Tyrosine Phosphatase (SHP)-1-Deficient â€œMotheatenâ€•Mutant Mice. Journal of Immunology, 2001, 166, 772-780.	0.8	27
38	Type I interferonâ€“dependent CD86^{high} marginal zone precursor B cells are potent T cell costimulators in mice. Arthritis and Rheumatism, 2011, 63, 1054-1064.	6.7	27
39	Dysregulated Cytokine Production by Dendritic Cells Modulates B Cell Responses in the NZM2410 Mouse Model of Lupus. PLoS ONE, 2014, 9, e102151.	2.5	26
40	Cutting Edge: Intracellular IFN-Î² and Distinct Type I IFN Expression Patterns in Circulating Systemic Lupus Erythematosus B Cells. Journal of Immunology, 2018, 201, 2203-2208.	0.8	24
41	Defective Fas ligand-mediated apoptosis predisposes to development of a chronic erosive arthritis subsequent toMycoplasma pulmonis infection. Arthritis and Rheumatism, 2001, 44, 2146-2159.	6.7	23
42	Development of autoantibodies due to regulator of G-protein signaling 13-induced delay in Germinal center B cell differentiation to plasmablasts. Arthritis and Rheumatism, 2013, 65, n/a-n/a.	6.7	23
43	Cytokine regulation of B-cell migratory behavior favors formation of germinal centers in autoimmune disease. Discovery Medicine, 2011, 11, 76-85.	0.5	23
44	CD8 T-cell immune phenotype of successful aging. Mechanisms of Ageing and Development, 2006, 127, 231-239.	4.6	22
45	The Dynamic Duoâ€“Inflammatory M1 macrophages and Th17 cells in Rheumatic Diseases. Journal of Orthopedics & Rheumatology, 2013, 01, 4.	0.1	22
46	Kinetics of Fas-induced apoptosis in thymic organ culture. Journal of Clinical Immunology, 1997, 17, 74-84.	3.8	21
47	IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and RORÎ³t. Nature Communications, 2014, 5, 4259.	12.8	19
48	Metabolic syndrome, hormones, and maintenance of T cells during aging. Current Opinion in Immunology, 2010, 22, 541-548.	5.5	17
49	Death Receptor 5â€“Targeted Depletion of Interleukinâ€23â€“Producing Macrophages, Th17, and Th1/17 Associated With Defective Tyrosine Phosphatase in Mice and Patients With Rheumatoid Arthritis. Arthritis and Rheumatism, 2013, 65, 2594-2605.	6.7	17
50	T Cell Influence on Superantigen-Induced Arthritis in MRL-lpr/lpr Mice. Arthritis and Rheumatism, 1994, 37, 113-124.	6.7	16
51	Aged mice exhibit in vivo defective peripheral clonal deletion of Db/H-Y reactive CD8+ T cells. Mechanisms of Ageing and Development, 2001, 122, 305-326.	4.6	16
52	Molecular imaging: New applications for biochemistry. Journal of Cellular Biochemistry, 2002, 87, 162-171.	2.6	16
53	Elucidating the pathogenesis of autoimmune disease: recent advances at the molecular level and relevance to oral mucosal disease. Journal of Oral Pathology and Medicine, 1990, 19, 341-350.	2.7	13
54	T cells of staphylococcal enterotoxin B-tolerized autoimmune MRL-lpr/lpr mice require co-stimulation through the B7-CD28/CTLA-4 pathway for activation and can be reanergizedin vivo by stimulation of the T cell receptor in the absence of this co-stimulatory signal. European Journal of Immunology, 1994, 24, 1019-1025.	2.9	13

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55	Cell death mediated by Fas-FasL interaction between glial cells and MBP-reactive T cells. Journal of Neuroscience Research, 1998, 52, 458-467.	2.9	13
56	Role of production of type I interferons by B cells in the mechanisms and pathogenesis of systemic lupus erythematosus. Discovery Medicine, 2018, 25, 21-29.	0.5	13
57	IL-23 Promotes a Coordinated B Cell Germinal Center Program for Class-Switch Recombination to IgG2b in BXD2 Mice. Journal of Immunology, 2020, 205, 346-358.	0.8	11
58	Increased vitamin D is associated with decline of naïve, but accumulation of effector, CD8 T cells during early aging. Advances in Aging Research, 2013, 02, 72-80.	0.4	11
59	Lupus nephritis correlates with B cell interferon-Î², anti-Smith, and anti-DNA: a retrospective study. Arthritis Research and Therapy, 2022, 24, 87.	3.5	8
60	Host genetics but not commensal microbiota determines the initial development of systemic autoimmune disease in BXD2 mice. Arthritis and Rheumatology, 2021, , .	5.6	6
61	The Fas signaling connection between autoimmunity and embryonic lethality. Journal of Clinical Immunology, 2001, 21, 1-14.	3.8	5
62	Beneficial influences of systemic cooperation and sociological behavior on longevity. Mechanisms of Ageing and Development, 2002, 123, 963-973.	4.6	4
63	Regulation of Fas-mediated Apoptosis in CD2-fasTransgenic Mice. International Reviews of Immunology, 1999, 18, 309-327.	3.3	1
64	Editorial: <scp>STAT</scp>us of <scp>STAT</scp>3 in Psoriatic Arthritis. Arthritis and Rheumatology, 2018, 70, 801-804.	5.6	1
65	Treatment of chronic sialadenitis in a murine model of SjÃ¶gren's syndrome by local fasL gene transfer. Arthritis and Rheumatism, 2001, 44, 964-973.	6.7	1
66	Autoimmune Disease Caused by Defective Activation-Induced Cell Death (AICD). Inflammatory Bowel Diseases, 1997, 3, 163-164.	1.9	0
67	Editorial: Systemic autoimmunity caused by Fas deficiency in macrophages: A new perspective on the first identified autoimmunity gene. Arthritis and Rheumatism, 2012, 64, 609-612.	6.7	0
68	ILâ€17 Upregulates Regulator of Gâ€protein Signaling (Rgs)13 and Rgs16 for the Formation of Autoreactive Germinal Centers in BXD2 Mice. FASEB Journal, 2008, 22, 1069.4.	0.5	0
69	Development of Collagen II (CII)â€induced Arthritis Was Associated with High AID and ILâ€17 Expression in BXD2 Mice. FASEB Journal, 2008, 22, 667.17.	0.5	0
70	Senescent phenotype of CD8 T cells and correlation with metabolic status in nonagenarians. FASEB Journal, 2008, 22, 845.2.	0.5	0
71	Inhibition of Activationâ€induced Cytidine Deaminase (AID) Preserved Spontaneous Germinal Centers but Suppressed Autoimmune Disease in BXD2 Mice. FASEB Journal, 2008, 22, 667.7.	0.5	0
72	B Cell Trafficking. , 2014, , 163-168.		0