

# John D Mountz

## List of Publications by Citations

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68

papers

3,453

citations

28

h-index

58

g-index

72

ext. papers

3,822

ext. citations

7.8

avg, IF

4.61

L-index

#	Paper	IF	Citations
68	Interleukin 17-producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. <i>Nature Immunology</i> , <b>2008</b> , 9, 166-75	19.1	571
67	Tumoricidal activity of a novel anti-human DR5 monoclonal antibody without hepatocyte cytotoxicity. <i>Nature Medicine</i> , <b>2001</b> , 7, 954-60	50.5	509
66	Fibromyalgia in women. Abnormalities of regional cerebral blood flow in the thalamus and the caudate nucleus are associated with low pain threshold levels. <i>Arthritis and Rheumatism</i> , <b>1995</b> , 38, 926-38		310
65	Defective expression of hematopoietic cell protein tyrosine phosphatase (HCP) in lymphoid cells blocks Fas-mediated apoptosis. <i>Immunity</i> , <b>1995</b> , 2, 353-62	32.3	114
64	Managing macrophages in rheumatoid arthritis by reform or removal. <i>Current Rheumatology Reports</i> , <b>2012</b> , 14, 445-54	4.9	111
63	Regulation of tumor necrosis factor alpha-mediated apoptosis of rheumatoid arthritis synovial fibroblasts by the protein kinase Akt. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 1555-67		107
62	TRAIL-R2 (DR5) mediates apoptosis of synovial fibroblasts in rheumatoid arthritis. <i>Journal of Immunology</i> , <b>2003</b> , 171, 1061-9	5.3	100
61	Gene therapy that inhibits nuclear translocation of nuclear factor kappaB results in tumor necrosis factor alpha-induced apoptosis of human synovial fibroblasts. <i>Arthritis and Rheumatism</i> , <b>2000</b> , 43, 1094-105		98
60	Increased apoptosis of CD45RO- T cells with aging. <i>Mechanisms of Ageing and Development</i> , <b>1997</b> , 94, 123-34	5.6	80
59	Induction of specific T-cell tolerance by adenovirus-transfected, Fas ligand-producing antigen presenting cells. <i>Nature Biotechnology</i> , <b>1998</b> , 16, 1045-9	44.5	80
58	IL-17 activates the canonical NF-kappaB signaling pathway in autoimmune B cells of BXD2 mice to upregulate the expression of regulators of G-protein signaling 16. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2289-96	5.3	74
57	Interleukin-21 promotes germinal center reaction by skewing the follicular regulatory T cell to follicular helper T cell balance in autoimmune BXD2 mice. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 2601-12	9.5	73
56	Unmasking Fucosylation: from Cell Adhesion to Immune System Regulation and Diseases. <i>Cell Chemical Biology</i> , <b>2018</b> , 25, 499-512	8.2	66
55	IL-17RA is essential for optimal localization of follicular Th cells in the germinal center light zone to promote autoantibody-producing B cells. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1614-24	5.3	65
54	Overexpression of activation-induced cytidine deaminase in B cells is associated with production of highly pathogenic autoantibodies. <i>Journal of Immunology</i> , <b>2007</b> , 178, 5357-65	5.3	64
53	Production of a novel class of polyreactive pathogenic autoantibodies in BXD2 mice causes glomerulonephritis and arthritis. <i>Arthritis and Rheumatism</i> , <b>2006</b> , 54, 343-55		51
52	Synovial fibroblasts promote osteoclast formation by RANKL in a novel model of spontaneous erosive arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 3257-68		47

51	Treatment of arthritis by macrophage depletion and immunomodulation: testing an apoptosis-mediated therapy in a humanized death receptor mouse model. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 1098-109		45
50	Treatment of chronic sialadenitis in a murine model of Sjögren's syndrome by local fasL gene transfer. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 964-73		43
49	Inhibition of fucosylation reshapes inflammatory macrophages and suppresses type II collagen-induced arthritis. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 2368-79	9.5	40
48	Emerging optical and nuclear medicine imaging methods in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , <b>2012</b> , 8, 719-28	8.1	38
47	Interferon-induced mechanosensing defects impede apoptotic cell clearance in lupus. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2877-90	15.9	38
46	Maintenance of naïve CD8 T cells in nonagenarians by leptin, IGFBP3 and T3. <i>Mechanisms of Ageing and Development</i> , <b>2010</b> , 131, 29-37	5.6	37
45	Activated CD8(+) T cells from aged mice exhibit decreased activation-induced cell death. <i>Mechanisms of Ageing and Development</i> , <b>2001</b> , 122, 1663-84	5.6	34
44	Odanacatib, A Cathepsin K-Specific Inhibitor, Inhibits Inflammation and Bone Loss Caused by Periodontal Diseases. <i>Journal of Periodontology</i> , <b>2015</b> , 86, 972-83	4.6	32
43	Cell death and longevity: implications of Fas-mediated apoptosis in T-cell senescence. <i>Immunological Reviews</i> , <b>1997</b> , 160, 19-30	11.3	31
42	Marginal zone precursor B cells as cellular agents for type I IFN-promoted antigen transport in autoimmunity. <i>Journal of Immunology</i> , <b>2010</b> , 184, 442-51	5.3	29
41	Genetic regulation of thymic involution. <i>Mechanisms of Ageing and Development</i> , <b>2005</b> , 126, 87-97	5.6	29
40	Inhibition of the catalytic function of activation-induced cytidine deaminase promotes apoptosis of germinal center B cells in BXD2 mice. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 2038-48		27
39	Inhibition of Rgs10 Expression Prevents Immune Cell Infiltration in Bacteria-induced Inflammatory Lesions and Osteoclast-mediated Bone Destruction. <i>Bone Research</i> , <b>2013</b> , 1, 267-281	13.3	26
38	Mutation of the hematopoietic cell phosphatase (Hcph) gene is associated with resistance to gamma-irradiation-induced apoptosis in Src homology protein tyrosine phosphatase (SHP)-1-deficient "motheaten" mutant mice. <i>Journal of Immunology</i> , <b>2001</b> , 166, 772-80	5.3	26
37	Dysregulated cytokine production by dendritic cells modulates B cell responses in the NZM2410 mouse model of lupus. <i>PLoS ONE</i> , <b>2014</b> , 9, e102151	3.7	26
36	Apoptosis and rheumatoid arthritis: past, present, and future directions. <i>Current Rheumatology Reports</i> , <b>2001</b> , 3, 70-8	4.9	25
35	Cutting Edge: Endogenous IFN- $\gamma$ Regulates Survival and Development of Transitional B Cells. <i>Journal of Immunology</i> , <b>2017</b> , 199, 2618-2623	5.3	24
34	Autoreactive B cells in SLE, villains or innocent bystanders?. <i>Immunological Reviews</i> , <b>2019</b> , 292, 120-138	11.3	23

33	Defective Fas ligand-mediated apoptosis predisposes to development of a chronic erosive arthritis subsequent to <i>Mycoplasma pulmonis</i> infection. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 2146-59		22
32	Cutting Edge: defective follicular exclusion of apoptotic antigens due to marginal zone macrophage defects in autoimmune BXD2 mice. <i>Journal of Immunology</i> , <b>2013</b> , 190, 4465-9	5.3	21
31	Cytokine regulation of B-cell migratory behavior favors formation of germinal centers in autoimmune disease. <i>Discovery Medicine</i> , <b>2011</b> , 11, 76-85	2.5	21
30	General Approach for Tetramer-Based Identification of Autoantigen-Reactive B Cells: Characterization of La- and snRNP-Reactive B Cells in Autoimmune BXD2 Mice. <i>Journal of Immunology</i> , <b>2015</b> , 194, 5022-34	5.3	20
29	Type I interferon-dependent CD86(high) marginal zone precursor B cells are potent T cell costimulators in mice. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1054-64		20
28	CD8 T-cell immune phenotype of successful aging. <i>Mechanisms of Ageing and Development</i> , <b>2006</b> , 127, 231-9	5.6	20
27	Extension of the germinal center stage of B cell development promotes autoantibodies in BXD2 mice. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2703-12		19
26	Kinetics of Fas-induced apoptosis in thymic organ culture. <i>Journal of Clinical Immunology</i> , <b>1997</b> , 17, 74-84	5.7	19
25	The Dynamic Duo-Inflammatory M1 macrophages and Th17 cells in Rheumatic Diseases <b>2013</b> , 1, 4		18
24	Aged mice exhibit in vivo defective peripheral clonal deletion of D(b)/H-Y reactive CD8(+) T cells. <i>Mechanisms of Ageing and Development</i> , <b>2001</b> , 122, 305-26	5.6	16
23	Cutting Edge: Intracellular IFN- $\gamma$ and Distinct Type I IFN Expression Patterns in Circulating Systemic Lupus Erythematosus B Cells. <i>Journal of Immunology</i> , <b>2018</b> , 201, 2203-2208	5.3	16
22	Dysregulation of T Follicular Helper Cells in Lupus. <i>Journal of Immunology</i> , <b>2019</b> , 202, 1649-1658	5.3	14
21	Metabolic syndrome, hormones, and maintenance of T cells during aging. <i>Current Opinion in Immunology</i> , <b>2010</b> , 22, 541-8	7.8	14
20	Cell death mediated by Fas-FasL interaction between glial cells and MBP-reactive T cells. <i>Journal of Neuroscience Research</i> , <b>1998</b> , 52, 458-67	4.4	13
19	Molecular imaging: new applications for biochemistry. <i>Journal of Cellular Biochemistry</i> , <b>2002</b> , 39, 162-71	4.7	13
18	T cell influence on superantigen-induced arthritis in MRL-lpr/lpr mice. <i>Arthritis and Rheumatism</i> , <b>1994</b> , 37, 113-24		13
17	IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and ROR $\gamma$ . <i>Nature Communications</i> , <b>2014</b> , 5, 4259	17.4	12
16	Death receptor 5-targeted depletion of interleukin-23-producing macrophages, Th17, and Th1/17 associated with defective tyrosine phosphatase in mice and patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2594-605		12

15	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 reenergized in vivo by stimulation of the T cell receptor in the absence of this co-stimulatory signal. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 1019-25	6.1	12
14	Elucidating the pathogenesis of autoimmune disease: recent advances at the molecular level and relevance to oral mucosal disease. <i>Journal of Oral Pathology and Medicine</i> , <b>1990</b> , 19, 341-50	3.3	11
13	Increased vitamin D is associated with decline of naïve, but accumulation of effector, CD8 T cells during early aging. <i>Advances in Aging Research</i> , <b>2013</b> , 2, 72-80	0.5	10
12	Role of production of type I interferons by B cells in the mechanisms and pathogenesis of systemic lupus erythematosus. <i>Discovery Medicine</i> , <b>2018</b> , 25, 21-29	2.5	10
11	Beneficial influences of systemic cooperation and sociological behavior on longevity. <i>Mechanisms of Ageing and Development</i> , <b>2002</b> , 123, 963-73	5.6	4
10	The Fas signaling connection between autoimmunity and embryonic lethality. <i>Journal of Clinical Immunology</i> , <b>2001</b> , 21, 1-14	5.7	4
9	IL-23 Promotes a Coordinated B Cell Germinal Center Program for Class-Switch Recombination to IgG2b in BXD2 Mice. <i>Journal of Immunology</i> , <b>2020</b> , 205, 346-358	5.3	1
8	Regulation of Fas-mediated apoptosis in CD2-fas transgenic mice. <i>International Reviews of Immunology</i> , <b>1999</b> , 18, 309-27	4.6	1
7	Treatment of chronic sialadenitis in a murine model of Sjögren's syndrome by local fasL gene transfer <b>2001</b> , 44, 964		1
6	Lupus nephritis correlates with B cell interferon- $\gamma$ anti-Smith, and anti-DNA: a retrospective study.. <i>Arthritis Research and Therapy</i> , <b>2022</b> , 24, 87	5.7	1
5	Autoimmune Disease Caused by Defective Activation-Induced Cell Death (AICD). <i>Inflammatory Bowel Diseases</i> , <b>1997</b> , 3, 163-164	4.5	
4	IL-17 Upregulates Regulator of G-protein Signaling (Rgs)13 and Rgs16 for the Formation of Autoreactive Germinal Centers in BXD2 Mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 1069.4	0.9	
3	Development of Collagen II (CII)-induced Arthritis Was Associated with High AID and IL-17 Expression in BXD2 Mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 667.17	0.9	
2	Senescent phenotype of CD8 T cells and correlation with metabolic status in nonagenarians. <i>FASEB Journal</i> , <b>2008</b> , 22, 845.2	0.9	
1	Inhibition of Activation-Induced Cytidine Deaminase (AID) Preserved Spontaneous Germinal Centers but Suppressed Autoimmune Disease in BXD2 Mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 667.7	0.9	