

John D Mountz

List of Publications by Year in descending order

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72
papers

4,073
citations

159358

30
h-index

114278

63
g-index

72
all docs

72
docs citations

72
times ranked

4918
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin 17 ⁺ producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. <i>Nature Immunology</i> , 2008, 9, 166-175.	7.0	639
2	Tumoricidal activity of a novel anti-human DR5 monoclonal antibody without hepatocyte cytotoxicity. <i>Nature Medicine</i> , 2001, 7, 954-960.	15.2	544
3	Fibromyalgia in women. <i>Arthritis and Rheumatism</i> , 1995, 38, 926-938.	6.7	358
4	Unmasking Fucosylation: from Cell Adhesion to Immune System Regulation and Diseases. <i>Cell Chemical Biology</i> , 2018, 25, 499-512.	2.5	156
5	Managing Macrophages in Rheumatoid Arthritis by Reform or Removal. <i>Current Rheumatology Reports</i> , 2012, 14, 445-454.	2.1	145
6	Defective expression of hematopoietic cell protein tyrosine phosphatase (HCP) in lymphoid cells blocks Fas-mediated apoptosis. <i>Immunity</i> , 1995, 2, 353-362.	6.6	127
7	Regulation of tumor necrosis factor α -mediated apoptosis of rheumatoid arthritis synovial fibroblasts by the protein kinase Akt. <i>Arthritis and Rheumatism</i> , 2001, 44, 1555-1567.	6.7	118
8	TRAIL-R2 (DR5) Mediates Apoptosis of Synovial Fibroblasts in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2003, 171, 1061-1069.	0.4	106
9	Gene therapy that inhibits nuclear translocation of nuclear factor κ B results in tumor necrosis factor α -induced apoptosis of human synovial fibroblasts. <i>Arthritis and Rheumatism</i> , 2000, 43, 1094.	6.7	101
10	IL-17 Activates the Canonical NF- κ B 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> , 2010, 184, 2289-2296.	0.4	96
11	Interleukin α 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> , 2014, 66, 2601-2612.	2.9	92
12	Induction of specific T-cell tolerance by adenovirus-transfected, Fas ligand-producing antigen-presenting cells. <i>Nature Biotechnology</i> , 1998, 16, 1045-1049.	9.4	85
13	Increased apoptosis of CD45RO ⁺ T cells with aging. <i>Mechanisms of Ageing and Development</i> , 1997, 94, 123-134.	2.2	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. <i>Journal of Immunology</i> , 2013, 191, 1614-1624.	0.4	80
15	Overexpression of Activation-Induced Cytidine Deaminase in B Cells Is Associated with Production of Highly Pathogenic Autoantibodies. <i>Journal of Immunology</i> , 2007, 178, 5357-5365.	0.4	68
16	Inhibition of Fucosylation Reshapes Inflammatory Macrophages and Suppresses Type II Collagen α 1-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2368-2379.	2.9	60
17	Production of a novel class of polyreactive pathogenic autoantibodies in BXD2 mice causes glomerulonephritis and arthritis. <i>Arthritis and Rheumatism</i> , 2006, 54, 343-355.	6.7	54
18	Treatment of arthritis by macrophage depletion and immunomodulation: Testing an apoptosis α -mediated therapy in a humanized death receptor mouse model. <i>Arthritis and Rheumatism</i> , 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. <i>Arthritis and Rheumatism</i> , 2005, 52, 3257-3268.	6.7	50
20	Emerging optical and nuclear medicine imaging methods in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 719-728.	3.5	49
21	Treatment of chronic sialadenitis in a murine model of Sjögren's syndrome by local FasL gene transfer. <i>Arthritis and Rheumatism</i> , 2001, 44, 964-973.	6.7	48
22	Interferon-induced mechanosensing defects impede apoptotic cell clearance in lupus. <i>Journal of Clinical Investigation</i> , 2015, 125, 2877-2890.	3.9	48
23	Maintenance of naïve CD8 T cells in nonagenarians by leptin, IGFBP3 and T3. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 29-37.	2.2	42
24	Odanacatib, A Cathepsin K-specific Inhibitor, Inhibits Inflammation and Bone Loss Caused by Periodontal Diseases. <i>Journal of Periodontology</i> , 2015, 86, 972-983.	1.7	41
25	Autoreactive B cells in SLE, villains or innocent bystanders?. <i>Immunological Reviews</i> , 2019, 292, 120-138.	2.8	40
26	Activated CD8+ T cells from aged mice exhibit decreased activation-induced cell death. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1663-1684.	2.2	37
27	Marginal Zone Precursor B Cells as Cellular Agents for Type I IFN- α Promoted Antigen Transport in Autoimmunity. <i>Journal of Immunology</i> , 2010, 184, 442-451.	0.4	35
28	Cell death and longevity: implications of Fas-mediated apoptosis in T-cell senescence. <i>Immunological Reviews</i> , 1997, 160, 19-30.	2.8	34
29	Dysregulation of T Follicular Helper Cells in Lupus. <i>Journal of Immunology</i> , 2019, 202, 1649-1658.	0.4	34
30	Cutting Edge: Defective Follicular Exclusion of Apoptotic Antigens Due to Marginal Zone Macrophage Defects in Autoimmune BXD2 Mice. <i>Journal of Immunology</i> , 2013, 190, 4465-4469.	0.4	32
31	Inhibition of Rgs10 Expression Prevents Immune Cell Infiltration in Bacteria-induced Inflammatory Lesions and Osteoclast-mediated Bone Destruction. <i>Bone Research</i> , 2013, 1, 267-281.	5.4	31
32	Apoptosis and rheumatoid arthritis: Past, present, and future directions. <i>Current Rheumatology Reports</i> , 2001, 3, 70-78.	2.1	30
33	Genetic regulation of thymic involution. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 87-97.	2.2	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. <i>Journal of Immunology</i> , 2015, 194, 5022-5034.	0.4	30
35	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> , 2011, 63, 2038-2048.	6.7	29
36	Cutting Edge: Endogenous IFN- γ Regulates Survival and Development of Transitional B Cells. <i>Journal of Immunology</i> , 2017, 199, 2618-2623.	0.4	28

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37	Mutation of the Hematopoietic Cell Phosphatase (Hcph) Gene Is Associated with Resistance to β -Irradiation-Induced Apoptosis in Src Homology Protein Tyrosine Phosphatase (SHP)-1-Deficient α -M μ theaten α -Mutant Mice. <i>Journal of Immunology</i> , 2001, 166, 772-780.	0.4	27
38	Type I interferon α -dependent CD86 ^{high} marginal zone precursor B cells are potent T cell costimulators in mice. <i>Arthritis and Rheumatism</i> , 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. <i>PLoS ONE</i> , 2014, 9, e102151.	1.1	26
40	Cutting Edge: Intracellular IFN- γ and Distinct Type I IFN Expression Patterns in Circulating Systemic Lupus Erythematosus B Cells. <i>Journal of Immunology</i> , 2018, 201, 2203-2208.	0.4	24
41	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> , 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. <i>Arthritis and Rheumatism</i> , 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. <i>Discovery Medicine</i> , 2011, 11, 76-85.	0.5	23
44	CD8 T-cell immune phenotype of successful aging. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 231-239.	2.2	22
45	The Dynamic Duo α -Inflammatory M1 macrophages and Th17 cells in Rheumatic Diseases. <i>Journal of Orthopedics & Rheumatology</i> , 2013, 01, 4.	0.5	22
46	Kinetics of Fas-induced apoptosis in thymic organ culture. <i>Journal of Clinical Immunology</i> , 1997, 17, 74-84.	2.0	21
47	IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and ROR γ t. <i>Nature Communications</i> , 2014, 5, 4259.	5.8	19
48	Metabolic syndrome, hormones, and maintenance of T cells during aging. <i>Current Opinion in Immunology</i> , 2010, 22, 541-548.	2.4	17
49	Death Receptor 5 α -Targeted Depletion of Interleukin α 23 α -Producing Macrophages, Th17, and Th1/17 Associated With Defective Tyrosine Phosphatase in Mice and Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatism</i> , 2013, 65, 2594-2605.	6.7	17
50	T Cell Influence on Superantigen-Induced Arthritis in MRL-lpr/lpr Mice. <i>Arthritis and Rheumatism</i> , 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. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 305-326.	2.2	16
52	Molecular imaging: New applications for biochemistry. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 162-171.	1.2	16
53	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> , 1990, 19, 341-350.	1.4	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 reenergized in vivo by stimulation of the T cell receptor in the absence of this co-stimulatory signal. <i>European Journal of Immunology</i> , 1994, 24, 1019-1025.	1.6	13

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55	Cell death mediated by Fas-FasL interaction between glial cells and MBP-reactive T cells. <i>Journal of Neuroscience Research</i> , 1998, 52, 458-467.	1.3	13
56	Role of production of type I interferons by B cells in the mechanisms and pathogenesis of systemic lupus erythematosus. <i>Discovery Medicine</i> , 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. <i>Journal of Immunology</i> , 2020, 205, 346-358.	0.4	11
58	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> , 2013, 02, 72-80.	0.3	11
59	Lupus nephritis correlates with B cell interferon- γ , anti-Smith, and anti-DNA: a retrospective study. <i>Arthritis Research and Therapy</i> , 2022, 24, 87.	1.6	8
60	Host genetics but not commensal microbiota determines the initial development of systemic autoimmune disease in BXD2 mice. <i>Arthritis and Rheumatology</i> , 2021, , .	2.9	6
61	The Fas signaling connection between autoimmunity and embryonic lethality. <i>Journal of Clinical Immunology</i> , 2001, 21, 1-14.	2.0	5
62	Beneficial influences of systemic cooperation and sociological behavior on longevity. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 963-973.	2.2	4
63	Regulation of Fas-mediated Apoptosis in CD2- <i>fas</i> Transgenic Mice. <i>International Reviews of Immunology</i> , 1999, 18, 309-327.	1.5	1
64	Editorial: <i>STAT</i> 3 in Psoriatic Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 801-804.	2.9	1
65	Treatment of chronic sialadenitis in a murine model of Sjögren's syndrome by local fasL gene transfer. , 2001, 44, 964.		1
66	Autoimmune Disease Caused by Defective Activation-Induced Cell Death (AICD). <i>Inflammatory Bowel Diseases</i> , 1997, 3, 163-164.	0.9	0
67	Editorial: Systemic autoimmunity caused by Fas deficiency in macrophages: A new perspective on the first identified autoimmunity gene. <i>Arthritis and Rheumatism</i> , 2012, 64, 609-612.	6.7	0
68	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> , 2008, 22, 1069.4.	0.2	0
69	Development of Collagen II (CII)-induced Arthritis Was Associated with High AID and IL-17 Expression in BXD2 Mice. <i>FASEB Journal</i> , 2008, 22, 667.17.	0.2	0
70	Senescent phenotype of CD8 T cells and correlation with metabolic status in nonagenarians. <i>FASEB Journal</i> , 2008, 22, 845.2.	0.2	0
71	Inhibition of Activation-Induced Cytidine Deaminase (AID) Preserved Spontaneous Germinal Centers but Suppressed Autoimmune Disease in BXD2 Mice. <i>FASEB Journal</i> , 2008, 22, 667.7.	0.2	0
72	B Cell Trafficking. , 2014, , 163-168.		0