Deming Sun

List of Publications by Year
in descending order

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Version: 2024-02-01

81 papers	2,480 citations	218677 26 h-index	254184 43 g-index
86 all docs	86 docs citations	86 times ranked	2567 citing authors

#	Article	IF	Citations
1	Î³Î´ T Cells Activated in Different Inflammatory Environments Are Functionally Distinct. Journal of Immunology, 2022, 208, 1224-1231.	0.8	7
2	Bidirectional Effect of IFN-Î³ on Th17 Responses in Experimental Autoimmune Uveitis. Frontiers in Ophthalmology, 2022, 2, .	0.5	4
3	TLR ligand ligation switches adenosine receptor usage of BMDCs leading to augmented Th17 responses in experimental autoimmune uveitis. Current Research in Immunology, 2022, 3, 73-84.	2.8	0
4	PPAR-Î± Agonist Fenofibrate Ameliorates SjÃ¶gren Syndromeâ€“Like Dacryoadenitis by Modulating Th1/Th17 and Treg Cell Responses in NOD Mice. , 2022, 63, 12.		11
5	Upregulated adenosine 2A receptor accelerates post-infectious irritable bowel syndrome by promoting CD4+ T cellsâ€™ T helper 17 polarization. World Journal of Gastroenterology, 2022, 28, 2955-2967.	3.3	6
6	Adenosine receptor ligation tips the uveitogenic Th1 and Th17 balance towards the latter in experimental autoimmune uveitis-induced mouse. Current Research in Immunology, 2021, 2, 93-103.	2.8	0
7	Short chain fatty acids inhibit endotoxin-induced uveitis and inflammatory responses of retinal astrocytes. Experimental Eye Research, 2021, 206, 108520.	2.6	18
8	Augmented Th17-stimulating activity of BMDCs as a result of reciprocal interaction between Î³Î´ and dendritic cells. Molecular Immunology, 2021, 134, 13-24.	2.2	3
9	Timing Effect of Adenosine-Directed Immunomodulation on Mouse Experimental Autoimmune Uveitis. Journal of Immunology, 2021, 207, 153-161.	0.8	6
10	Vaccination with circulating exosomes in autoimmune uveitis prevents recurrent intraocular inflammation. Clinical and Experimental Ophthalmology, 2021, 49, 1069-1077.	2.6	7
11	Damage-associated Molecular Patterns in Clinical and Animal Models of Uveitis. Ocular Immunology and Inflammation, 2021, , 1-7.	1.8	1
12	Human umbilical cord mesenchymal stem cells alleviate ongoing autoimmune dacryoadenitis in rabbits via polarizing macrophages into an anti-inflammatory phenotype. Experimental Eye Research, 2020, 191, 107905.	2.6	26
13	CD73+ Dendritic Cells in Cascading Th17 Responses of Experimental Autoimmune Uveitis-Induced Mice. Frontiers in Immunology, 2020, 11, 601272.	4.8	6
14	Î³Î´ T cells shape memory-phenotype Î±Î² T cell populations in non-immunized mice. PLoS ONE, 2019, 14, e0218827.	2.5	6
15	miRâ€223â€3p promotes autoreactive T_h17 cell responses in experimental autoimmune uveitis (EAU) by inhibiting transcription factor FOXO3 expression. FASEB Journal, 2019, 33, 13951-13965.	0.5	29
16	Toll-Like Receptor-Mediated Activation of CD39 Internalization in BMDCs Leads to Extracellular ATP Accumulation and Facilitates P2X7 Receptor Activation. Frontiers in Immunology, 2019, 10, 2524.	4.8	9
17	Adenosine receptor activation in the Th17 autoimmune responses of experimental autoimmune uveitis. Cellular Immunology, 2019, 339, 24-28.	3.0	8
18	Connection between Î³Î´ T-cellâ€“ and Adenosine- Mediated Immune Regulation in the Pathogenesis of Experimental Autoimmune Uveitis. Critical Reviews in Immunology, 2018, 38, 233-243.	0.5	8

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19	Ability of Î³Î´ T cells to modulate the Foxp3 T cell response is dependent on adenosine. PLoS ONE, 2018, 13, e0197189.	2.5	7
20	Local S100A8 Levels Correlate With Recurrence of Experimental Autoimmune Uveitis and Promote Pathogenic T Cell Activity. , 2018, 59, 1332.		16
21	High level expression of A2ARs is required for the enhancing function, but not for the inhibiting function, of Î³Î´ T cells in the autoimmune responses of EAU. PLoS ONE, 2018, 13, e0199601.	2.5	11
22	Heat shock protein 70 protects mouse against post-infection irritable bowel syndrome via up-regulating intestinal Î³Î´ T cellâ€™s Th17 response. Cell and Bioscience, 2018, 8, 38.	4.8	12
23	Functional Conversion and Dominance of Î³Î´ T Subset in Mouse Experimental Autoimmune Uveitis. Journal of Immunology, 2017, 198, 1429-1438.	0.8	11
24	Î³Î´ T Cells and B Cells. Advances in Immunology, 2017, 134, 1-45.	2.2	32
25	Choroidal Î³Î´ T cells in protection against retinal pigment epithelium and retinal injury. FASEB Journal, 2017, 31, 4903-4916.	0.5	19
26	The HMGB1â€“CXCL12 Complex Promotes Inflammatory Cell Infiltration in Uveitogenic T Cell-Induced Chronic Experimental Autoimmune Uveitis. Frontiers in Immunology, 2017, 8, 142.	4.8	33
27	Adipose-Derived Mesenchymal Stem Cells Reduce Lymphocytic Infiltration in a Rabbit Model of Induced Autoimmune Dacryoadenitis. , 2016, 57, 5161.		23
28	CD73 Expressed on Î³Î´ T Cells Shapes Their Regulatory Effect in Experimental Autoimmune Uveitis. PLoS ONE, 2016, 11, e0150078.	2.5	33
29	TLR7 Engagement on Dendritic Cells Enhances Autoreactive Th17 Responses via Activation of ERK. Journal of Immunology, 2016, 197, 3820-3830.	0.8	14
30	Regulation of Adenosine Deaminase on Induced Mouse Experimental Autoimmune Uveitis. Journal of Immunology, 2016, 196, 2646-2654.	0.8	15
31	Blockade of Extracellular ATP Effect by Oxidized ATP Effectively Mitigated Induced Mouse Experimental Autoimmune Uveitis (EAU). PLoS ONE, 2016, 11, e0155953.	2.5	17
32	A2B adenosine receptor activation switches differentiation of bone marrow cells to a CD11c + Grâ€1 + dendritic cell subset that promotes the Th17 response. Immunity, Inflammation and Disease, 2015, 3, 360-373.	2.7	27
33	An A2B Adenosine Receptor Agonist Promotes Th17 Autoimmune Responses in Experimental Autoimmune Uveitis (EAU) via Dendritic Cell Activation. PLoS ONE, 2015, 10, e0132348.	2.5	26
34	The role of Th17-associated cytokines in the pathogenesis of experimental autoimmune uveitis (EAU). Cytokine, 2015, 74, 76-80.	3.2	19
35	HMGB1 release triggered by the interaction of live retinal cells and uveitogenic T cells is Fas/FasL activation-dependent. Journal of Neuroinflammation, 2015, 12, 179.	7.2	13
36	Î³Î´ T Cellâ€“Dependent Regulatory T Cells Prevent the Development of Autoimmune Keratitis. Journal of Immunology, 2015, 195, 5572-5581.	0.8	31

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37	Roles of the Adenosine Receptor and CD73 in the Regulatory Effect of Î³Î´ T Cells. PLoS ONE, 2014, 9, e108932.	2.5	30
38	Anti-Inflammatory or Proinflammatory Effect of an Adenosine Receptor Agonist on the Th17 Autoimmune Response Is Inflammatory Environmentâ€“Dependent. Journal of Immunology, 2014, 193, 5498-5505.	0.8	33
39	Î³Î´ T cells recognize the insulin B:9â€“23 peptide antigen when it is dimerized through thiol oxidation. Molecular Immunology, 2014, 60, 116-128.	2.2	13
40	A canonical VÎ³4VÎ´4+ Î³Î´ T cell population with distinct stimulation requirements which promotes the Th17 response. Immunologic Research, 2013, 55, 217-230.	2.9	26
41	Retinoic Acid Inhibits CD25⁺Dendritic Cell Expansion and Î³Î´ T-Cell Activation in Experimental Autoimmune Uveitis. , 2013, 54, 3493.		24
42	IL-23 Receptor Expression on Î³Î´ T Cells Correlates with Their Enhancing or Suppressive Effects on Autoreactive T Cells in Experimental Autoimmune Uveitis. Journal of Immunology, 2013, 191, 1118-1125.	0.8	47
43	Antigen-Specific Regulation of IgE Antibodies by Non-Antigenâ€“Specific Î³Î´ T Cells. Journal of Immunology, 2013, 190, 913-921.	0.8	20
44	HMGB1 is an early and critical mediator in an animal model of uveitis induced by IRBP-specific T cells. Journal of Leukocyte Biology, 2013, 95, 599-607.	3.3	20
45	Î±Î² TCR+T Cells, but Not B Cells, Promote Autoimmune Keratitis in B10 Mice Lacking Î³Î´ T Cells. , 2012, 53, 301.		5
46	Characterization of Autoreactive and Bystander IL-17⁺T Cells Induced in Immunized C57BL/6 Mice. , 2012, 53, 897.		24
47	Role of CD25+ Dendritic Cells in the Generation of Th17 Autoreactive T Cells in Autoimmune Experimental Uveitis. Journal of Immunology, 2012, 188, 5785-5791.	0.8	35
48	Retinal Astrocytes Pretreated with NOD2 and TLR2 Ligands Activate Uveitogenic T Cells. PLoS ONE, 2012, 7, e40510.	2.5	22
49	In vivo priming of IL-17+ uveitogenic T cells is enhanced by Toll ligand receptor (TLR)2 and TLR4 agonists via Î³Î´ T cell activation. Molecular Immunology, 2012, 50, 125-133.	2.2	19
50	Anti-CD3 antibody ameliorates experimental autoimmune uveitis by inducing both IL-10 and TGF-Î² dependent regulatory T cells. Clinical Immunology, 2011, 138, 311-320.	3.2	20
51	A Distinct Role of CD4+ Th17- and Th17-Stimulated CD8+ CTL in the Pathogenesis of Type 1 Diabetes and Experimental Autoimmune Encephalomyelitis. Journal of Clinical Immunology, 2011, 31, 811-826.	3.8	30
52	IL-22â€“Induced Regulatory CD11b+ APCs Suppress Experimental Autoimmune Uveitis. Journal of Immunology, 2011, 187, 2130-2139.	0.8	42
53	Activated Î³Î´ T Cells Promote the Activation of Uveitogenic T Cells and Exacerbate EAU Development. , 2011, 52, 5920.		52
54	Analysis of Î³Î´ T Cell Functions in the Mouse. Journal of Immunology, 2010, 184, 4055-4061.	0.8	53

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55	PD-L1hi retinal pigment epithelium (RPE) cells elicited by inflammatory cytokines induce regulatory activity in uveitogenic T cells. Journal of Leukocyte Biology, 2010, 88, 1241-1249.	3.3	29
56	Regulatory Effect of Î³Î´ T Cells on IL-17⁺Uveitogenic T Cells. , 2010, 51, 4661.		39
57	Regulation of Interphotoreceptor Retinoid-Binding Protein (IRBP)-Specific Th1 and Th17 Cells in Anterior Chamber-Associated Immune Deviation (ACAID). , 2009, 50, 5811.		4
58	Major Role of Î³Î´ T Cells in the Generation of IL-17+ Uveitogenic T Cells. Journal of Immunology, 2009, 183, 560-567.	0.8	107
59	Anti-Inflammatory Role of IL-17 in Experimental Autoimmune Uveitis. Journal of Immunology, 2009, 182, 3183-3190.	0.8	92
60	Retinal astrocytes respond to IL-17 differently than retinal pigment epithelial cells. Journal of Leukocyte Biology, 2009, 86, 1377-1384.	3.3	21
61	Regulatory Role of TLR Ligands on the Activation of Autoreactive T Cells by Retinal Astrocytes. , 2009, 50, 4769.		39
62	A New Model of Experimental Autoimmune Keratoconjunctivitis Sicca (KCS) Induced in Lewis Rat by the Autoantigen Klk1b22. , 2009, 50, 2245.		35
63	Sequence 168 to 177 of interphotoreceptor retinoid-binding protein (IRBP) is an antigenic epitope for autoreactive CD8 T cells in the B10RIII mouse. Journal of Neuroimmunology, 2008, 193, 68-76.	2.3	11
64	Mouse Î³Î´ T cells are capable of expressing MHC class II molecules, and of functioning as antigen-presenting cells. Journal of Neuroimmunology, 2008, 203, 3-11.	2.3	82
65	Ocular Regulatory T Cells Distinguish Monophasic from Recurrent Autoimmune Uveitis. , 2008, 49, 3999.		40
66	Reactivation of Uveitogenic T Cells by Retinal Astrocytes Derived from Experimental Autoimmune Uveitis-Prone B10RIII Mice. , 2008, 49, 282.		37
67	Novel Exosome-Targeted CD4+ T Cell Vaccine Counteracting CD4+25+ Regulatory T Cell-Mediated Immune Suppression and Stimulating Efficient Central Memory CD8+ CTL Responses. Journal of Immunology, 2007, 179, 2731-2740.	0.8	51
68	Characterization of IL-17⁺Interphotoreceptor Retinoid-Binding Protein-Specific T Cells in Experimental Autoimmune Uveitis. , 2007, 48, 4153.		110
69	Suppression of Established Experimental Autoimmune Uveitis by Anti-LFA-1Î± Ab. , 2007, 48, 2667.		16
70	Severe chronic experimental autoimmune uveitis (EAU) of the C57BL/6 mouse induced by adoptive transfer of IRBP1â€“20-specific T cells. Experimental Eye Research, 2006, 82, 323-331.	2.6	68
71	In Vitro Activation of CD8 Interphotoreceptor Retinoid-Binding Protein-Specific T Cells Requires not only Antigenic Stimulation but also Exogenous Growth Factors. Journal of Immunology, 2006, 176, 5006-5014.	0.8	19
72	Chronic recurrent autoimmune uveitis with progressive photoreceptor damage induced in rats by transfer of IRBP-specific T cells. Journal of Neuroimmunology, 2005, 163, 102-109.	2.3	30

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73	A Shared Epitope of the Interphotoreceptor Retinoid-Binding Protein Recognized by the CD4+ and CD8+ Autoreactive T Cells. Journal of Immunology, 2005, 175, 1851-1857.	0.8	34
74	Retinal pigment epithelial cells activate uveitogenic T cells when they express high levels of MHC class II molecules, but inhibit T cell activation when they express restricted levels. Journal of Neuroimmunology, 2003, 144, 1-8.	2.3	35
75	Lymphotoxinâ€„Î² receptor-Ig fusion protein treatment blocks actively induced, but not adoptively transferred, uveitis in Lewis rats. European Journal of Immunology, 2003, 33, 1736-1743.	2.9	33
76	Encephalitogenic activity of truncated myelin oligodendrocyte glycoprotein (MOG) peptides and their recognition by CD8+ MOG-specific T cells on oligomeric MHC class I molecules. International Immunology, 2003, 15, 261-268.	4.0	45
77	Conversion of Monophasic to Recurrent Autoimmune Disease by Autoreactive T Cell Subsets. Journal of Immunology, 2003, 171, 5624-5630.	0.8	37
78	Myelin Antigen-Specific CD8+ T Cells Are Encephalitogenic and Produce Severe Disease in C57BL/6 Mice. Journal of Immunology, 2001, 166, 7579-7587.	0.8	392
79	The role of regulatory T cells in Lewis rats resistant to EAE1Supported by grants RG2790 and R2932 from the National Multiple Sclerosis Society, by grant AI22519, and AI33011 from the National Institutes of Health and by the Research Program of the Veterans Administration.1. Journal of Neuroimmunology, 1998, 81, 177-183.	2.3	11
80	Heterogeneity of rat encephalitogenic T cells elicited by variants of the myelin basic protein (68â€“86) peptide. European Journal of Immunology, 1995, 25, 1687-1692.	2.9	23
81	Adenosine Receptor Ligation Tips the Uveitogenic Th1 and Th17 Balance Towards the Latter in Experimental Autoimmune Uveitis-Induced Mouse. SSRN Electronic Journal, 0, , .	0.4	0