

Bonnie N Dittel

List of Publications by Year in descending order

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49
papers

6,236
citations

126907

33
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

9442
citing authors

#	ARTICLE	IF	CITATIONS
1	The encephalitogenicity of TH17 cells is dependent on IL-1- and IL-23-induced production of the cytokine GM-CSF. <i>Nature Immunology</i> , 2011, 12, 568-575.	14.5	945
2	Experimental Autoimmune Encephalomyelitis Induction in Genetically B Cell-deficient Mice. <i>Journal of Experimental Medicine</i> , 1996, 184, 2271-2278.	8.5	615
3	Modulation of the cannabinoid CB2 receptor in microglial cells in response to inflammatory stimuli. <i>Journal of Neurochemistry</i> , 2005, 95, 437-445.	3.9	429
4	Microglial cell activation and proliferation precedes the onset of CNS autoimmunity. <i>Journal of Neuroscience Research</i> , 2005, 81, 374-389.	2.9	363
5	CNS-Derived Interleukin-4 Is Essential for the Regulation of Autoimmune Inflammation and Induces a State of Alternative Activation in Microglial Cells. <i>Journal of Neuroscience</i> , 2007, 27, 10714-10721.	3.6	354
6	GM-CSF Production by Autoreactive T Cells Is Required for the Activation of Microglial Cells and the Onset of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2007, 178, 39-48.	0.8	338
7	Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. <i>Nature Medicine</i> , 2007, 13, 492-497.	30.7	326
8	Isolation of Mouse Peritoneal Cavity Cells. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	299
9	B Cell Regulation of CD4+CD25+ T Regulatory Cells and IL-10 Via B7 is Essential for Recovery From Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2007, 178, 3447-3456.	0.8	283
10	A Novel IL-10-independent Regulatory Role for B Cells in Suppressing Autoimmunity by Maintenance of Regulatory T Cells via GITR Ligand. <i>Journal of Immunology</i> , 2012, 188, 3188-3198.	0.8	239
11	Myeloperoxidase: A new player in autoimmunity. <i>Cellular Immunology</i> , 2017, 317, 1-8.	3.0	163
12	Unraveling the complexities of cannabinoid receptor 2 (CB2) immune regulation in health and disease. <i>Immunologic Research</i> , 2011, 51, 26-38.	2.9	158
13	CD40 Expression by Microglial Cells Is Required for Their Completion of a Two-Step Activation Process during Central Nervous System Autoimmune Inflammation. <i>Journal of Immunology</i> , 2006, 176, 1402-1410.	0.8	146
14	T _H 17 T Cells Regulate the Extent and Duration of Inflammation in the Central Nervous System by a Fas Ligand-Dependent Mechanism. <i>Journal of Immunology</i> , 2005, 174, 4678-4687.	0.8	116
15	Cannabinoid CB2 receptors in the mouse brain: relevance for Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 158.	7.2	98
16	What we know and do not know about the cannabinoid receptor 2 (CB2). <i>Seminars in Immunology</i> , 2014, 26, 369-379.	5.6	95
17	IL-10-independent regulatory B-cell subsets and mechanisms of action. <i>International Immunology</i> , 2015, 27, 531-536.	4.0	90
18	Purification of Specific Cell Population by Fluorescence Activated Cell Sorting (FACS). <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	85

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19	Speaking out about gender imbalance in invited speakers improves diversity. <i>Nature Immunology</i> , 2017, 18, 475-478.	14.5	81
20	CD4 T cells: Balancing the coming and going of autoimmune-mediated inflammation in the CNS. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 421-430.	4.1	80
21	Cannabinoid Receptor 2 Is Critical for the Homing and Retention of Marginal Zone B Lineage Cells and for Efficient T-Independent Immune Responses. <i>Journal of Immunology</i> , 2011, 187, 5720-5732.	0.8	80
22	IFN- γ T Cell Regulation of IFN- β Production by Central Nervous System-Infiltrating Encephalitogenic T Cells: Correlation with Recovery from Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2004, 173, 1587-1595.	0.8	74
23	Development of a culture system that supports adult microglial cell proliferation and maintenance in the resting state. <i>Journal of Immunological Methods</i> , 2005, 300, 32-46.	1.4	73
24	A case for regulatory B cells in controlling the severity of autoimmune-mediated inflammation in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2011, 230, 1-9.	2.3	67
25	Mechanisms of Regulatory B cell Function in Autoimmune and Inflammatory Diseases beyond IL-10. <i>Journal of Clinical Medicine</i> , 2017, 6, 12.	2.4	59
26	Inhibition of myeloperoxidase at the peak of experimental autoimmune encephalomyelitis restores blood-brain barrier integrity and ameliorates disease severity. <i>Journal of Neurochemistry</i> , 2016, 136, 826-836.	3.9	54
27	T-Cell-Mediated Disruption of the Neuronal Microtubule Network. <i>American Journal of Pathology</i> , 2006, 169, 999-1011.	3.8	51
28	Relapsing and Remitting Experimental Autoimmune Encephalomyelitis in B Cell Deficient Mice. <i>Journal of Autoimmunity</i> , 2000, 14, 311-318.	6.5	50
29	Pathogenic and regulatory roles for B cells in experimental autoimmune encephalomyelitis. <i>Autoimmunity</i> , 2012, 45, 388-399.	2.6	50
30	Anti-inflammatory mechanisms of IFN- β studied in experimental autoimmune encephalomyelitis reveal neutrophils as a potential target in multiple sclerosis. <i>Frontiers in Neuroscience</i> , 2015, 9, 287.	2.8	50
31	Interrelatedness between dysbiosis in the gut microbiota due to immunodeficiency and disease penetrance of colitis. <i>Immunology</i> , 2015, 146, 359-368.	4.4	46
32	Transgenes and knockout mutations in animal models of type 1 diabetes and multiple sclerosis. <i>Immunological Reviews</i> , 1999, 169, 93-106.	6.0	40
33	IL-13 induces the expression of the alternative activation marker Ym1 in a subset of testicular macrophages. <i>Journal of Reproductive Immunology</i> , 2008, 78, 140-148.	1.9	36
34	Comparison of the Efficacy and Safety of Anti-CD20 B Cells Depleting Drugs in Multiple Sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 49, 102787.	2.0	29
35	Taming of macrophage and microglial cell activation by microRNA-124. <i>Cell Research</i> , 2011, 21, 213-216.	12.0	26
36	Cannabinoid Receptor 2 (CB2) Plays a Role in the Generation of Germinal Center and Memory B Cells, but Not in the Production of Antigen-Specific IgG and IgM, in Response to T-dependent Antigens. <i>PLoS ONE</i> , 2013, 8, e67587.	2.5	21

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37	Gut Microbial Dysbiosis Due to <i>Helicobacter</i> Drives an Increase in Marginal Zone B Cells in the Absence of IL-10 Signaling in Macrophages. <i>Journal of Immunology</i> , 2015, 195, 3071-3085.	0.8	21
38	Mature IgD ^{low} B cells maintain tolerance by promoting regulatory T cell homeostasis. <i>Nature Communications</i> , 2019, 10, 190.	12.8	20
39	Lymphocytes with Cytotoxic Activity Induce Rapid Microtubule Axonal Destabilization Independently and before Signs of Neuronal Death. <i>ASN Neuro</i> , 2013, 5, AN20120087.	2.7	18
40	An Increase in Tolerogenic Dendritic Cell and Natural Regulatory T Cell Numbers during Experimental Autoimmune Encephalomyelitis in <i>Ras</i> ^{-/-} Mice Results in Attenuated Disease. <i>Journal of Immunology</i> , 2014, 192, 5109-5117.	0.8	17
41	Depletion of Specific Cell Populations by Complement Depletion. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	12
42	Neutrophil-Derived Myeloperoxidase Facilitates Both the Induction and Elicitation Phases of Contact Hypersensitivity. <i>Frontiers in Immunology</i> , 2020, 11, 608871.	4.8	11
43	Ingested ACTH blocks Th17 production by inhibiting GALT IL-6. <i>Journal of the Neurological Sciences</i> , 2020, 409, 116602.	0.6	10
44	Characterization of Definitive Regulatory B Cell Subsets by Cell Surface Phenotype, Function and Context. <i>Frontiers in Immunology</i> , 2021, 12, 787464.	4.8	7
45	Myeloperoxidase Inhibition Ameliorates Plaque Psoriasis in Mice. <i>Antioxidants</i> , 2021, 10, 1338.	5.1	6
46	2B4 Is Dispensable for T-Dependent B Cell Immune Responses, but Its Deficiency Leads to Enhanced T-Independent Responses Due to an Increase in Peritoneal Cavity B1b Cells. <i>PLoS ONE</i> , 2015, 10, e0137314.	2.5	2
47	Discovery and Function of B-Cell IgD Low (BDL) B Cells in Immune Tolerance. <i>Journal of Molecular Biology</i> , 2021, 433, 166584.	4.2	2
48	Characterization of the Cell Surface Phenotype and Regulatory Activity of B-Cell IgD Low (BDL) Regulatory B Cells. <i>Methods in Molecular Biology</i> , 2021, 2270, 217-231.	0.9	1
49	B Cell Subsets and Mechanisms Involved in Immune Regulation in Health and Disease. <i>Journal of Molecular Biology</i> , 2021, 433, 166710.	4.2	0