Mark D Mannie

List of Publications by Year
in descending order

59 papers	1,543 citations	393982 19 h-index	360668 35 g-index
59 all docs	59 docs citations	59 times ranked	1258 citing authors

#	Article	IF	Citations
1	Hypoxiaâ€inducible factorâ€1 drives divergent immunomodulatory functions in the pathogenesis of autoimmune diseases. Immunology, 2021, 164, 31-42.	2.0	20
2	Low-Zone IL-2 Signaling: Fusion Proteins Containing Linked CD25 and IL-2 Domains Sustain Tolerogenic Vaccination in vivo and Promote Dominance of FOXP3+ Tregs in vitro. Frontiers in Immunology, 2020, 11, 541619.	2.2	8
3	Tolerogenic vaccines: Targeting the antigenic and cytokine niches of FOXP3+ regulatory T cells. Cellular Immunology, 2020, 355, 104173.	1.4	8
4	A GM-CSF-neuroantigen tolerogenic vaccine elicits inefficient antigen recognition events below the CD40L triggering threshold to expand CD4+ CD25+ FOXP3+ Tregs that inhibit experimental autoimmune encephalomyelitis (EAE). Journal of Neuroinflammation, 2020, 17, 180.	3.1	6
5	A GMCSF-Neuroantigen Tolerogenic Vaccine Elicits Systemic Lymphocytosis of CD4+ CD25high FOXP3+ Regulatory T Cells in Myelin-Specific TCR Transgenic Mice Contingent Upon Low-Efficiency T Cell Antigen Receptor Recognition. Frontiers in Immunology, 2019, 9, 3119.	2.2	7
6	Partial CD25 Antagonism Enables Dominance of Antigen-Inducible CD25high FOXP3+ Regulatory T Cells As a Basis for a Regulatory T Cell-Based Adoptive Immunotherapy. Frontiers in Immunology, 2017, 8, 1782.	2.2	12
7	IFN-Î² Facilitates Neuroantigen-Dependent Induction of CD25+ FOXP3+ Regulatory T Cells That Suppress Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2016, 197, 2992-3007.	0.4	21
8	Depletion of CD4+ CD25+ regulatory T cells confers susceptibility to experimental autoimmune encephalomyelitis (EAE) in GM-CSF-deficient Csf2â^'/â^' mice. Journal of Leukocyte Biology, 2016, 100, 747-760.	1.5	18
9	Enhanced stability of tristetraprolin mRNA protects mice against immune-mediated inflammatory pathologies. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1865-1870.	3.3	79
10	The Immune Basis of Allergic Lung Disease. , 2015, , 683-719.		3
11	GM-CSFâ€“Neuroantigen Fusion Proteins Reverse Experimental Autoimmune Encephalomyelitis and Mediate Tolerogenic Activity in Adjuvant-Primed Environments: Association with Inflammation-Dependent, Inhibitory Antigen Presentation. Journal of Immunology, 2014, 193, 2317-2329.	0.4	13
12	The Extracellular Domain of Myelin Oligodendrocyte Glycoprotein Elicits Atypical Experimental Autoimmune Encephalomyelitis in Rat and Macaque Species. PLoS ONE, 2014, 9, e110048.	1.1	6
13	Tolerogenic vaccines for Multiple Sclerosis. Human Vaccines and Immunotherapeutics, 2013, 9, 1032-1038.	1.4	21
14	Airway Anatomy, Physiology, and Inflammation. , 2013, , 19-61.		3
15	Cytokine-Neuroantigen Fusion Proteins as a New Class of Tolerogenic, Therapeutic Vaccines for Treatment of Inflammatory Demyelinating Disease in Rodent Models of Multiple Sclerosis. Frontiers in Immunology, 2012, 3, 255.	2.2	24
16	Neuroantigen-specific, tolerogenic vaccines: GM-CSF is a fusion partner that facilitates tolerance rather than immunity to dominant self-epitopes of myelin in murine models of experimental autoimmune encephalomyelitis (EAE). BMC Immunology, 2011, 12, 72.	0.9	19
17	Autoimmunity and asthma: The dirt on the hygiene hypothesis. Self/nonself, 2010, 1, 123-128.	2.0	3
18	Experimental Autoimmune Encephalomyelitis in Lewis rats: IFN-Î² Acts As a Tolerogenic Adjuvant for Induction of Neuroantigen-Dependent Tolerance. Journal of Immunology, 2009, 182, 5331-5341.	0.4	15

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19	Vaccinia virus decreases major histocompatibility complex (MHC) class II antigen presentation, Tâ€cell priming, and peptide association with MHC class II. Immunology, 2009, 128, 381-392.	2.0	32
20	Experimental Autoimmune Encephalomyelitis in the Rat. Current Protocols in Immunology, 2009, 85, Unit 15.2.	3.6	25
21	A GMCSF-neuroantigen fusion protein is a potent tolerogen in experimental autoimmune encephalomyelitis (EAE) that is associated with efficient targeting of neuroantigen to APC. Journal of Leukocyte Biology, 2009, 87, 509-521.	1.5	25
22	IL-2/Neuroantigen Fusion Proteins as Antigen-Specific Tolerogens in Experimental Autoimmune Encephalomyelitis (EAE): Correlation of T Cell-Mediated Antigen Presentation and Tolerance Induction. Journal of Immunology, 2007, 178, 2835-2843.	0.4	14
23	A Fusion Protein Consisting of IL-16 and the Encephalitogenic Peptide of Myelin Basic Protein Constitutes an Antigen-Specific Tolerogenic Vaccine That Inhibits Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2007, 179, 1458-1465.	0.4	17
24	Cytokineâ€“neuroantigen fusion proteins: New tools for modulation of myelin basic protein (MBP)-specific T cell responses in experimental autoimmune encephalomyelitis. Journal of Immunological Methods, 2007, 319, 118-132.	0.6	7
25	Activation-dependent phases of T cells distinguished by use of optical tweezers and near infrared Raman spectroscopy. Journal of Immunological Methods, 2005, 297, 53-60.	0.6	60
26	MHC class II biosynthesis by activated rat CD4+ T cells: development of repression in vitro and modulation by APC-derived signals. Cellular Immunology, 2004, 230, 33-43.	1.4	9
27	ILâ€4 responsive CD4 + T cells specific for myelin basic protein: ILâ€2 confers a prolonged postactivation refractory phase. Immunology and Cell Biology, 2003, 81, 8-19.	1.0	18
28	Acquisition of functional MHC class II/peptide complexes by T cells during thymic development and CNS-directed pathogenesis. Cellular Immunology, 2002, 218, 13-25.	1.4	20
29	Interleukin-2 Promotes Antigenic Reactivity of Rested T Cells but Prolongs the Postactivational Refractory Phase of Activated T Cells. Cellular Immunology, 2001, 211, 51-60.	1.4	14
30	MHC Class-II-Restricted Antigen Presentation by Myelin Basic Protein-Specific CD4+ T Cells Causes Prolonged Desensitization and Outgrowth of CD4â^' Responders. Cellular Immunology, 2001, 212, 51-62.	1.4	25
31	Intercellular Exchange of Class II Major Histocompatibility Complex/Peptide Complexes Is a Conserved Process That Requires Activation of T Cells But Is Constitutive in Other Types of Antigen Presenting Cell. Cellular Immunology, 2001, 214, 165-172.	1.4	27
32	Intercellular Exchange of Class II MHC Complexes: Ultrastructural Localization and Functional Presentation of Adsorbed I-A/Peptide Complexes. Cellular Immunology, 2001, 214, 21-34.	1.4	34
33	T Cell-Mediated Antigen Presentation: A Potential Mechanism of Infectious Tolerance. Immunologic Research, 2001, 23, 01-22.	1.3	11
34	Immunological self/nonself discrimination. Immunologic Research, 1999, 19, 65-87.	1.3	196
35	Vesicles bearing MHC class II molecules mediate transfer of antigen from antigen-presenting cells to CD4+ T cells. European Journal of Immunology, 1999, 29, 1363-1373.	1.6	91
36	An autologous self-antigen differentially regulates expression of I-A glycoproteins and B7 costimulatory molecules on CD4â^' CD8â^' T helper cells. Journal of Leukocyte Biology, 1999, 66, 120-126.	1.5	9

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37	Partial Agonism Elicits an Enduring Phase of T-Cell-Mediated Antigen Presentation. Cellular Immunology, 1998, 186, 83-93.	1.4	16
38	Class II MHC/Peptide Complexes on T Cell Antigen-Presenting Cells: Agonistic Antigen Recognition Inhibits Subsequent Antigen Presentation. Cellular Immunology, 1998, 186, 111-120.	1.4	18
39	A Novel Monoclonal Antibody Against Rat LFA-1: Blockade of LFA-1 and CD4 Augments Class II MHC Expression on T Cells. Hybridoma, 1998, 17, 331-338.	0.9	4
40	Acquired Resistance to Experimental Autoimmune Encephalomyelitis Is Independent of Vî² Usage. Cellular Immunology, 1997, 179, 55-65.	1.4	12
41	Modulation of outward K+ conductance is a post-activational event in rat T lymphocytes responsible for the adoptive transfer of experimental allergic encephalomyelitis. Journal of Biomedical Science, 1997, 4, 98-110.	2.6	11
42	Potassium channel blockers inhibit adoptive transfer of experimental allergic encephalomyelitis by myelin-basic-protein-stimulated rat T lymphocytes. Journal of Biomedical Science, 1997, 4, 169-178.	2.6	10
43	Antigen presentation by T cells: T cell receptor ligation promotes antigen acquisition from professional antigen-presenting cells. European Journal of Immunology, 1997, 27, 3198-3205.	1.6	64
44	The Post-activation refractory phase: A mechanism to measure antigenic complexity and ensure self-tolerance among mature peripheral T lymphocytes. Medical Hypotheses, 1996, 47, 467-470.	0.8	4
45	T-Helper Lymphocytes Specific for Myelin Basic Protein: Low-Density Activation Prolongs a Postactivation Refractory Phase Marked by Decreased Pathogenicity and Enhanced Sensitivity to Anergy. Cellular Immunology, 1996, 172, 108-117.	1.4	9
46	Prostaglandin E2 promotes the induction of anergy during T helper cell recognition of myelin basic protein. Cellular Immunology, 1995, 160, 132-138.	1.4	35
47	Parallel Costimulatory Pathways Promote Myelin Basic Protein-Stimulated Proliferation of Encephalitogenic Rat T Cells. Cellular Immunology, 1994, 153, 312-328.	1.4	7
48	T-Helper Lymphocytes Specific for Myelin Basic Protein: Activation-Induced Refractoriness of IL-2 Production Pathways Augments an Anti-CD4-Mediated Proliferative Deficit. Cellular Immunology, 1994, 154, 484-497.	1.4	6
49	Inhibition of activation-induced death in T cell hybridomas by thiol antioxidants: oxidative stress as a mediator of apoptosis. Journal of Leukocyte Biology, 1994, 55, 221-226.	1.5	227
50	Emergence of a radioresistant population of co-stimulatory splenocytes during remission of experimental autoimmune encephalomyelitis in Lewis rats. Immunology Letters, 1993, 38, 237-242.	1.1	0
51	A Unique Costimulatory Pathway Defined with T Cell Hybridomas Specific for Myelin Basic Protein: Third Party Costimulators Restrict Antigenic Responses in Time and Space. Cellular Immunology, 1993, 147, 25-40.	1.4	3
52	Immune discrimination of self and nonself: A unified theory for the induction of self tolerance among thymocytes and mature peripheral T cells. Medical Hypotheses, 1993, 40, 105-112.	0.8	8
53	Subset-specific co-stimulatory signals are required for IL-2 production but not growth inhibition responses by T cell hybrids specific for myelin basic protein. Cellular Immunology, 1992, 140, 219-236.	1.4	6
54	An alternative pathway of B cell activation: stilbene disulfonates interact with a Clâ˜ binding motif on AEn-related proteins to stimulate mitogenesis. European Journal of Immunology, 1992, 22, 1165-1171.	1.6	16

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55	A unified model for T cell antigen recognition and thymic selection of the T cell repertoire. Journal of Theoretical Biology, 1991, 151, 169-192.	0.8	36
56	The N- and C-terminal boundaries of myelin basic protein determinants required for encephalitogenic and proliferative responses of Lewis rat T cellsâ˜†â˜†â˜†. Journal of Neuroimmunology, 1990, 26, 201-211.	1.1	20
57	Indomethacin augments in vitro proliferative responses of Lewis rat lymphocytes to myelin basic protein. Cellular Immunology, 1989, 121, 196-212.	1.4	12
58	Clonotypic heterogeneity of lewis rat T cells specific for the encephalitogenic 68â€“86 region of myelin basic protein. Cellular Immunology, 1989, 122, 534-547.	1.4	15
59	Induction of experimental allergic encephalomyelitis in Lewis rats with purified synthetic peptides: delineation of antigenic determinants for encephalitogenicity, in vitro activation of cellular transfer, and proliferation of lymphocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 5515-5519.	3.3	84