Denise C Fitzgerald

List of Publications by Citations

39 papers	2,477 citations	23 h-index	39 g-index
39 ext. papers	2,955 ext. citations	9.5 avg, IF	4.4 L-index

#	Paper	IF	Citations
39	Suppression of autoimmune inflammation of the central nervous system by interleukin 10 secreted by interleukin 27-stimulated T cells. *Nature Immunology*, **2007**, 8, 1372-9	19.1	438
38	Suppressive effect of IL-27 on encephalitogenic Th17 cells and the effector phase of experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2007**, 179, 3268-75	5.3	238
37	Regulatory T cells promote myelin regeneration in the central nervous system. *Nature Neuroscience* , **2017**, 20, 674-680	25.5	208
36	Oral resveratrol reduces neuronal damage in a model of multiple sclerosis. *Journal of Neuro-Ophthalmology*, **2010**, 30, 328-39	2.6	142
35	Adult neural stem cells expressing IL-10 confer potent immunomodulation and remyelination in experimental autoimmune encephalitis. *Journal of Clinical Investigation*, **2009**, 119, 3678-91	15.9	139
34	Retinoid X receptor activation reverses age-related deficiencies in myelin debris phagocytosis and remyelination. *Brain*, **2015**, 138, 3581-97	11.2	115
33	Targeting Siglecs with a sialic acid-decorated nanoparticle abrogates inflammation. *Science Translational Medicine*, **2015**, 7, 303ra140	17.5	112
32	Functional interleukin-17 receptor A is expressed in central nervous system glia and upregulated in experimental autoimmune encephalomyelitis. *Journal of Neuroinflammation*, **2009**, 6, 14	10.1	94
31	CD11c+CD11b+ dendritic cells play an important role in intravenous tolerance and the suppression of experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2008**, 181, 2483-93	5.3	91
30	Aging impairs peritoneal but not bone marrow-derived macrophage phagocytosis. *Aging Cell*, **2014**, 13, 699-708	9.9	88
29	Differential effect of IL-27 on developing versus committed Th17 cells. *Journal of Immunology*, **2009**, 183, 4957-67	5.3	88
28	Microglia Require CD4 T Cells to Complete the Fetal-to-Adult Transition. *Cell*, **2020**, 182, 625-640.e24	56.2	77
27	Innate Lymphoid Cells Are the Predominant Source of IL-17A during the Early Pathogenesis of Acute Respiratory Distress Syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 407-16	10.2	63
26	Meningeal inflammation and cortical demyelination in acute multiple sclerosis. *Annals of Neurology*, **2018**, 84, 829-842	9.4	57
25	SOCS2 regulates T helper type 2 differentiation and the generation of type 2 allergic responses. *Journal of Experimental Medicine*, **2011**, 208, 1523-31	16.6	54
24	Role of the innate immune system in autoimmune inflammatory demyelination. *Current Medicinal Chemistry*, **2008**, 15, 1105-15	4.3	54
23	Para-inflammation-mediated retinal recruitment of bone marrow-derived myeloid cells following whole-body irradiation is CCL2 dependent. *Glia*, **2012**, 60, 833-42	9	47

22	IL-17 Receptor A Maintains and Protects the Skin Barrier To Prevent Allergic Skin Inflammation. *Journal of Immunology*, **2017**, 199, 707-717	5.3	39
21	Cutting edge: suppression of GM-CSF expression in murine and human T cells by IL-27. *Journal of Immunology*, **2012**, 189, 2079-83	5.3	38
20	CNS Remyelination and the Innate Immune System. *Frontiers in Cell and Developmental Biology*, **2016**, 4, 38	5.7	37
19	Independent and interdependent immunoregulatory effects of IL-27, IFN-β and IL-10 in the suppression of human Th17 cells and murine experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2013**, 190, 3225-34	5.3	36
18	Regulation of Foxp3+ inducible regulatory T cell stability by SOCS2. *Journal of Immunology*, **2013**, 190, 3235-45	5.3	35
17	Interferon regulatory factor (IRF) 3 is critical for the development of experimental autoimmune encephalomyelitis. *Journal of Neuroinflammation*, **2014**, 11, 130	10.1	26
16	MOG(35-55) i.v suppresses experimental autoimmune encephalomyelitis partially through modulation of Th17 and JAK/STAT pathways. *European Journal of Immunology*, **2009**, 39, 789-99	6.1	20
15	Changes in the Oligodendrocyte Progenitor Cell Proteome with Ageing. *Molecular and Cellular Proteomics*, **2020**, 19, 1281-1302	7.6	18
14	Altered Toll-like receptor 2-mediated endotoxin tolerance is related to diminished interferon beta production. *Journal of Biological Chemistry*, **2011**, 286, 29492-500	5.4	18
13	The microbiota regulates murine inflammatory responses to toxin-induced CNS demyelination but has minimal impact on remyelination. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 25311-25321	11.5	17
12	Regenerating CNS myelin: Emerging roles of regulatory T cells and CCN proteins. *Neurochemistry International*, **2019**, 130, 104349	4.4	17
11	Intravenous tolerance modulates macrophage classical activation and antigen presentation in experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2009**, 208, 54-60	3.5	16
10	Protective and Regenerative Roles of T Cells in Central Nervous System Disorders. *Frontiers in Immunology*, **2019**, 10, 2171	8.4	15
9	Intravenous tolerance effectively overcomes enhanced pro-inflammatory responses and experimental autoimmune encephalomyelitis severity in the absence of IL-12 receptor signaling. *Journal of Neuroimmunology*, **2012**, 247, 32-7	3.5	9
8	Therapeutic potential of IL-27 in multiple sclerosis?. *Expert Opinion on Biological Therapy*, **2009**, 9, 149-60	5.4	9
7	Characterization of a murine mixed neuron-glia model and cellular responses to regulatory T cell-derived factors. *Molecular Brain*, **2018**, 11, 25	4.5	6
6	A robust co-localisation measurement utilising z-stack image intensity similarities for biological studies. *PLoS ONE*, **2012**, 7, e30632	3.7	5
5	Dynamic CCN3 expression in the murine CNS does not confer essential roles in myelination or remyelination. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 18018-18028	11.5	5

4	CCN3 is dynamically regulated by treatment and disease state in multiple sclerosis. *Journal of Neuroinflammation*, **2020**, 17, 349	10.1	4
3	Microbial Regulation of Gastrointestinal Immunity in Health and Disease **2016**, 39-52		2
2	Inflammation in multiple sclerosis induces a specific reactive astrocyte state driving non-cell-autonomous neuronal damage.. *Clinical and Translational Medicine*, **2022**, 12, e837	5.7	0
1	Checkpoints in the Development of Pathogenic and Regulatory T Cells in Experimental Autoimmune Encephalomyelitis: A Basis for Current and Future Interventions in MS **2013**, 269-293		