

# Susan Gilfillan

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

9,391  
citations

126907

33  
h-index

254184

43  
g-index

43  
all docs

43  
docs citations

43  
times ranked

13965  
citing authors

#	ARTICLE	IF	CITATIONS
1	The aryl hydrocarbon receptor instructs the immunomodulatory profile of a subset of Clec4a4 <sup>+</sup> eosinophils unique to the small intestine. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
2	Altered ratio of dendritic cell subsets in skin-draining lymph nodes promotes Th2-driven contact hypersensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
3	Spatial distribution of LTI-like cells in intestinal mucosa regulates type 3 innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
4	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. Science, 2021, 373, .	12.6	218
5	Prior activation state shapes the microglia response to antihuman TREM2 in a mouse model of Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	66
6	Hobit confers tissue-dependent programs to type 1 innate lymphoid cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
7	ILC2s are the predominant source of intestinal ILC-derived IL-10. Journal of Experimental Medicine, 2020, 217, .	8.5	89
8	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. Cell, 2020, 182, 886-900.e17.	28.9	309
9	Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. Journal of Experimental Medicine, 2020, 217, .	8.5	223
10	Leukemia Inhibitory Factor Inhibits Plasmacytoid Dendritic Cell Function and Development. Journal of Immunology, 2020, 204, 2257-2268.	0.8	8
11	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid Macrophage Lineage for Long-Term Postviral Lung Disease. Journal of Immunology, 2020, 205, 1084-1101.	0.8	16
12	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. Nature Medicine, 2020, 26, 131-142.	30.7	641
13	CRTAM Protects Against Intestinal Dysbiosis During Pathogenic Parasitic Infection by Enabling Th17 Maturation. Frontiers in Immunology, 2019, 10, 1423.	4.8	11
14	ILC3s integrate glycolysis and mitochondrial production of reactive oxygen species to fulfill activation demands. Journal of Experimental Medicine, 2019, 216, 2231-2241.	8.5	69
15	DC-SCRIPT deficiency delays mouse mammary gland development and branching morphogenesis. Developmental Biology, 2019, 455, 42-50.	2.0	4
16	Circadian rhythm-dependent and circadian rhythm-independent impacts of the molecular clock on type 3 innate lymphoid cells. Science Immunology, 2019, 4, .	11.9	65
17	Subsets of ILC3-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. Nature Immunology, 2019, 20, 980-991.	14.5	141
18	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. Journal of Experimental Medicine, 2018, 215, 745-760.	8.5	182

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19	The Tumor Necrosis Factor Superfamily Member RANKL Suppresses Effector Cytokine Production in Group 3 Innate Lymphoid Cells. <i>Immunity</i> , 2018, 48, 1208-1219.e4.	14.3	70
20	Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , 2017, 8, 15627.	12.8	48
21	IL-15 sustains IL-7R-independent ILC2 and ILC3 development. <i>Nature Communications</i> , 2017, 8, 14601.	12.8	89
22	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- $\beta$ 2 signaling. <i>Nature Immunology</i> , 2017, 18, 995-1003.	14.5	268
23	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.	28.9	741
24	<i>Lactobacillus reuteri</i> induces gut intraepithelial CD4 <sup>+</sup> CD8 $\beta$ <sup>+</sup> T cells. <i>Science</i> , 2017, 357, 806-810.	12.6	543
25	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , 2016, 213, 667-675.	8.5	565
26	Transforming Growth Factor- $\beta$ 2 Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. <i>Immunity</i> , 2016, 44, 1127-1139.	14.3	202
27	Nonredundant roles of keratinocyte-derived IL-34 and neutrophil-derived CSF1 in Langerhans cell renewal in the steady state and during inflammation. <i>European Journal of Immunology</i> , 2016, 46, 552-559.	2.9	50
28	MHC II+ resident peritoneal and pleural macrophages rely on IRF4 for development from circulating monocytes. <i>Journal of Experimental Medicine</i> , 2016, 213, 1951-1959.	8.5	117
29	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. <i>Immunity</i> , 2015, 43, 1112-1124.	14.3	69
30	Transcriptional programs define molecular characteristics of innate lymphoid cell classes and subsets. <i>Nature Immunology</i> , 2015, 16, 306-317.	14.5	551
31	TREM2 Lipid Sensing Sustains the Microglial Response in an Alzheimer's Disease Model. <i>Cell</i> , 2015, 160, 1061-1071.	28.9	1,236
32	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2015, 212, 1869-1882.	8.5	181
33	The Triggering Receptor Expressed on Myeloid Cells 2 Inhibits Complement Component 1q Effector Mechanisms and Exerts Detrimental Effects during Pneumococcal Pneumonia. <i>PLoS Pathogens</i> , 2014, 10, e1004167.	4.7	46
34	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. <i>Nature Immunology</i> , 2014, 15, 431-438.	14.5	410
35	Cutting Edge: Salivary Gland NK Cells Develop Independently of Nfil3 in Steady-State. <i>Journal of Immunology</i> , 2014, 192, 4487-4491.	0.8	147
36	Early, transient depletion of plasmacytoid dendritic cells ameliorates autoimmunity in a lupus model. <i>Journal of Experimental Medicine</i> , 2014, 211, 1977-1991.	8.5	229

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37	Type I interferon negatively controls plasmacytoid dendritic cell numbers in vivo. <i>Journal of Experimental Medicine</i> , 2011, 208, 2367-2374.	8.5	134
38	Plasmacytoid Dendritic Cell Ablation Impacts Early Interferon Responses and Antiviral NK and CD8+ T Cell Accrual. <i>Immunity</i> , 2010, 33, 955-966.	14.3	337
39	DNAM-1 promotes activation of cytotoxic lymphocytes by nonprofessional antigen-presenting cells and tumors. <i>Journal of Experimental Medicine</i> , 2008, 205, 2965-2973.	8.5	302
40	Cutting Edge: TREM-2 Attenuates Macrophage Activation. <i>Journal of Immunology</i> , 2006, 177, 3520-3524.	0.8	572
41	NKG2D recruits two distinct adapters to trigger NK cell activation and costimulation. <i>Nature Immunology</i> , 2002, 3, 1150-1155.	14.5	380