

Susan Gilfillan

List of Publications by Year in descending order

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41
papers

9,391
citations

126708

33
h-index

253896

43
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43
all docs

43
docs citations

43
times ranked

13965
citing authors

#	ARTICLE	IF	CITATIONS
1	TREM2 Lipid Sensing Sustains the Microglial Response in an Alzheimer's Disease Model. <i>Cell</i> , 2015, 160, 1061-1071.	13.5	1,236
2	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.	13.5	741
3	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. <i>Nature Medicine</i> , 2020, 26, 131-142.	15.2	641
4	Cutting Edge: TREM-2 Attenuates Macrophage Activation. <i>Journal of Immunology</i> , 2006, 177, 3520-3524.	0.4	572
5	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , 2016, 213, 667-675.	4.2	565
6	Transcriptional programs define molecular characteristics of innate lymphoid cell classes and subsets. <i>Nature Immunology</i> , 2015, 16, 306-317.	7.0	551
7	<i>Lactobacillus reuteri</i> induces gut intraepithelial CD4 ⁺ CD8 ⁺ T cells. <i>Science</i> , 2017, 357, 806-810.	6.0	543
8	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. <i>Nature Immunology</i> , 2014, 15, 431-438.	7.0	410
9	NKG2D recruits two distinct adapters to trigger NK cell activation and costimulation. <i>Nature Immunology</i> , 2002, 3, 1150-1155.	7.0	380
10	Plasmacytoid Dendritic Cell Ablation Impacts Early Interferon Responses and Antiviral NK and CD8 ⁺ T Cell Accrual. <i>Immunity</i> , 2010, 33, 955-966.	6.6	337
11	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. <i>Cell</i> , 2020, 182, 886-900.e17.	13.5	309
12	DNAM-1 promotes activation of cytotoxic lymphocytes by nonprofessional antigen-presenting cells and tumors. <i>Journal of Experimental Medicine</i> , 2008, 205, 2965-2973.	4.2	302
13	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- β signaling. <i>Nature Immunology</i> , 2017, 18, 995-1003.	7.0	268
14	Early, transient depletion of plasmacytoid dendritic cells ameliorates autoimmunity in a lupus model. <i>Journal of Experimental Medicine</i> , 2014, 211, 1977-1991.	4.2	229
15	Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	223
16	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. <i>Science</i> , 2021, 373, .	6.0	218
17	Transforming Growth Factor- β Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. <i>Immunity</i> , 2016, 44, 1127-1139.	6.6	202
18	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. <i>Journal of Experimental Medicine</i> , 2018, 215, 745-760.	4.2	182

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19	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2015, 212, 1869-1882.	4.2	181
20	Cutting Edge: Salivary Gland NK Cells Develop Independently of Nfil3 in Steady-State. <i>Journal of Immunology</i> , 2014, 192, 4487-4491.	0.4	147
21	Subsets of ILC3 ^{hi} ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. <i>Nature Immunology</i> , 2019, 20, 980-991.	7.0	141
22	Type I interferon negatively controls plasmacytoid dendritic cell numbers in vivo. <i>Journal of Experimental Medicine</i> , 2011, 208, 2367-2374.	4.2	134
23	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.	4.2	117
24	IL-15 sustains IL-7R-independent ILC2 and ILC3 development. <i>Nature Communications</i> , 2017, 8, 14601.	5.8	89
25	ILC2s are the predominant source of intestinal ILC-derived IL-10. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	89
26	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.	6.6	70
27	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. <i>Immunity</i> , 2015, 43, 1112-1124.	6.6	69
28	ILC3s integrate glycolysis and mitochondrial production of reactive oxygen species to fulfill activation demands. <i>Journal of Experimental Medicine</i> , 2019, 216, 2231-2241.	4.2	69
29	Prior activation state shapes the microglia response to antihuman TREM2 in a mouse model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	66
30	Circadian rhythm-dependent and circadian rhythm-independent impacts of the molecular clock on type 3 innate lymphoid cells. <i>Science Immunology</i> , 2019, 4, .	5.6	65
31	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.	1.6	50
32	Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , 2017, 8, 15627.	5.8	48
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.	2.1	46
34	Hobit confers tissue-dependent programs to type 1 innate lymphoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
35	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid Macrophage Lineage for Long-Term Postviral Lung Disease. <i>Journal of Immunology</i> , 2020, 205, 1084-1101.	0.4	16
36	Spatial distribution of LTI-like cells in intestinal mucosa regulates type 3 innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12

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37	CRTAM Protects Against Intestinal Dysbiosis During Pathogenic Parasitic Infection by Enabling Th17 Maturation. <i>Frontiers in Immunology</i> , 2019, 10, 1423.	2.2	11
38	Leukemia Inhibitory Factor Inhibits Plasmacytoid Dendritic Cell Function and Development. <i>Journal of Immunology</i> , 2020, 204, 2257-2268.	0.4	8
39	Altered ratio of dendritic cell subsets in skin-draining lymph nodes promotes Th2-driven contact hypersensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
40	The aryl hydrocarbon receptor instructs the immunomodulatory profile of a subset of Clec4a4 ⁺ eosinophils unique to the small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
41	DC-SCRIPT deficiency delays mouse mammary gland development and branching morphogenesis. <i>Developmental Biology</i> , 2019, 455, 42-50.	0.9	4