Michael B Brenner

List of Publications by Year in Descending Order

77 papers	9,560 citations	42 h-index	89 g-index
89 ext. papers	12,906 ext. citations	18.4 avg, IF	5.76 L-index

#	Paper	IF	Citations
77	SLAMF7 engagement superactivates macrophages in acute and chronic inflammation.. *Science Immunology*, **2022**, 7, eabf2846	28	1
76	Urine Proteomics and Renal Single Cell Transcriptomics Implicate IL-16 in Lupus Nephritis. *Arthritis and Rheumatology*, **2021**,	9.5	1
75	Fibroblast pathology in inflammatory diseases. *Journal of Clinical Investigation*, **2021**, 131,	15.9	6
74	Fibroblasts as immune regulators in infection, inflammation and cancer. *Nature Reviews Immunology*, **2021**, 21, 704-717	36.5	42
73	Distinct metabolic programs established in the thymus control effector functions of γδ T cell subsets in tumor microenvironments. *Nature Immunology*, **2021**, 22, 179-192	19.1	26
72	Distinct iNKT Cell Populations Use IFNγ or ER Stress-Induced IL-10 to Control Adipose Tissue Homeostasis. *Cell Metabolism*, **2020**, 32, 243-258.e6	24.6	18
71	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. *Science Advances*, **2020**, 6, eaba4353	14.3	16
70	Allele-specific expression changes dynamically during T cell activation in HLA and other autoimmune loci. *Nature Genetics*, **2020**, 52, 247-253	36.3	33
69	CUX1 and IκBζ (NFKBIZ) mediate the synergistic inflammatory response to TNF and IL-17A in stromal fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 5532-5541	11.5	19
68	Aminoacyl-tRNA synthetase inhibition activates a pathway that branches from the canonical amino acid response in mammalian cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 8900-8911	11.5	10
67	Post-sepsis immunosuppression depends on NKT cell regulation of mTOR/IFN-γ in NK cells. *Journal of Clinical Investigation*, **2020**, 130, 3238-3252	15.9	18
66	A Two-Cell Model for IL-1α Release Mediated by Death-Receptor Signaling. *Cell Reports*, **2020**, 31, 107466	10.6	12
65	Notch signalling drives synovial fibroblast identity and arthritis pathology. *Nature*, **2020**, 582, 259-264	50.4	110
64	Disruptive innovation in rheumatology: new networks of global public-private partnerships are needed to take advantage of scientific progress. *Annals of the Rheumatic Diseases*, **2020**, 79, 553-555	2.4	1
63	The immune cell landscape in kidneys of patients with lupus nephritis. *Nature Immunology*, **2019**, 20, 902-914	19.1	254
62	Transnuclear mice reveal Peyer's patch iNKT cells that regulate B-cell class switching to IgG1. *EMBO Journal*, **2019**, 38, e101260	13	2
61	Distinct fibroblast subsets drive inflammation and damage in arthritis. *Nature*, **2019**, 570, 246-251	50.4	283

60	HBEGF macrophages in rheumatoid arthritis induce fibroblast invasiveness. *Science Translational Medicine*, **2019**, 11,	17.5	73
59	Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. *Nature Immunology*, **2019**, 20, 928-942	19.1	369
58	Lymphocyte innateness defined by transcriptional states reflects a balance between proliferation and effector functions. *Nature Communications*, **2019**, 10, 687	17.4	67
57	PD-1hiCXCR5- T peripheral helper cells promote B cell responses in lupus via MAF and IL-21. *JCI Insight*, **2019**, 4,	9.9	76
56	Fast, sensitive and accurate integration of single-cell data with Harmony. *Nature Methods*, **2019**, 16, 1289-1296	21.6	815
55	Functionally distinct disease-associated fibroblast subsets in rheumatoid arthritis. *Nature Communications*, **2018**, 9, 789	17.4	223
54	T cells producing interleukin-17A regulate adipose regulatory T cell homeostasis and thermogenesis. *Nature Immunology*, **2018**, 19, 464-474	19.1	151
53	Lysosome-Mediated Plasma Membrane Repair Is Dependent on the Small GTPase Arl8b and Determines Cell Death Type in Infection. *Journal of Immunology*, **2018**, 200, 3160-3169	5.3	13
52	Functional genomics of stromal cells in chronic inflammatory diseases. *Current Opinion in Rheumatology*, **2018**, 30, 65-71	5.3	9
51	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. *Arthritis Research and Therapy*, **2018**, 20, 139	5.7	60
50	High-throughput identification of noncoding functional SNPs via type IIS enzyme restriction. *Nature Genetics*, **2018**, 50, 1180-1188	36.3	14
49	Metabolic reprogramming of natural killer cells in obesity limits antitumor responses. *Nature Immunology*, **2018**, 19, 1330-1340	19.1	229
48	Mixed-effects association of single cells identifies an expanded effector CD4 T cell subset in rheumatoid arthritis. *Science Translational Medicine*, **2018**, 10,	17.5	68
47	Innate T Cells Govern Adipose Tissue Biology. *Journal of Immunology*, **2018**, 201, 1827-1834	5.3	16
46	Pathologically expanded peripheral T helper cell subset drives B cells in rheumatoid arthritis. *Nature*, **2017**, 542, 110-114	50.4	455
45	Adipose Type One Innate Lymphoid Cells Regulate Macrophage Homeostasis through Targeted Cytotoxicity. *Immunity*, **2017**, 46, 273-286	32.3	116
44	Structural determination of lipid antigens captured at the CD1d-T-cell receptor interface. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 8348-8353	11.5	29
43	Cadherin-11 Is a Cell Surface Marker Up-Regulated in Activated Pancreatic Stellate Cells and Is Involved in Pancreatic Cancer Cell Migration. *American Journal of Pathology*, **2017**, 187, 146-155	5.8	26

42	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. *Journal of Cell Biology*, **2016**, 213, 631-40	7.3	57
41	Human autoreactive T cells recognize CD1b and phospholipids. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 380-5	11.5	58
40	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. *Wellcome Open Research*, **2016**, 1, 18	4.8	13
39	iNKT Cells Induce FGF21 for Thermogenesis and Are Required for Maximal Weight Loss in GLP1 Therapy. *Cell Metabolism*, **2016**, 24, 510-519	24.6	107
38	Activation strategies for invariant natural killer T cells. *Immunogenetics*, **2016**, 68, 649-63	3.2	40
37	The transcriptional programs of iNKT cells. *Seminars in Immunology*, **2015**, 27, 26-32	10.7	39
36	Identification of a Potent Microbial Lipid Antigen for Diverse NKT Cells. *Journal of Immunology*, **2015**, 195, 2540-51	5.3	32
35	Regulatory iNKT cells lack expression of the transcription factor PLZF and control the homeostasis of T(reg) cells and macrophages in adipose tissue. *Nature Immunology*, **2015**, 16, 85-95	19.1	243
34	Immune cell profiling to guide therapeutic decisions in rheumatic diseases. *Nature Reviews Rheumatology*, **2015**, 11, 541-51	8.1	51
33	MHC class II presentation is controlled by the lysosomal small GTPase, Arl8b. *Journal of Immunology* , **2015**, 194, 2079-88	5.3	25
32	RNAi screens of lysosomal trafficking. *Methods in Cell Biology*, **2015**, 126, 119-38	1.8	
31	Regulation of gene expression in autoimmune disease loci and the genetic basis of proliferation in CD4+ effector memory T cells. *PLoS Genetics*, **2014**, 10, e1004404	6	37
30	Activation of iNKT cells by a distinct constituent of the endogenous glucosylceramide fraction. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13433-8	11.5	75
29	Shared and distinct transcriptional programs underlie the hybrid nature of iNKT cells. *Nature Immunology*, **2013**, 14, 90-9	19.1	93
28	Arf-like GTPase Arl8b regulates lytic granule polarization and natural killer cell-mediated cytotoxicity. *Molecular Biology of the Cell*, **2013**, 24, 3721-35	3.5	46
27	Cadherin-11 regulates fibroblast inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 8402-7	11.5	102
26	Fibroblast-like synoviocytes in inflammatory arthritis pathology: the emerging role of cadherin-11. *Immunological Reviews*, **2010**, 233, 256-66	11.3	109
25	The role and therapeutic implications of fibroblast-like synoviocytes in inflammation and cartilage erosion in rheumatoid arthritis. *Immunological Reviews*, **2008**, 223, 252-70	11.3	255

24	Cadherin-11 in synovial lining formation and pathology in arthritis. *Science*, **2007**, 315, 1006-10	33.3	300
23	Pathways for lipid antigen presentation by CD1 molecules: nowhere for intracellular pathogens to hide. *Traffic*, **2000**, 1, 295-300	5.7	37
22	Antigen recognition by human gamma delta T cells: pattern recognition by the adaptive immune system. *Seminars in Immunopathology*, **2000**, 22, 191-217		128
21	The A-domain of integrin E7 is involved in binding to E-cadherin. *Biochemical Society Transactions* , **1999**, 27, A145-A145	5.1	
20	Structure of the Vdelta domain of a human gammadelta T-cell antigen receptor. *Nature*, **1998**, 391, 502-6	50.4	109
19	Clonally expanded Valpha12+ (AV12S1),CD8+ T cells from a patient with rheumatoid arthritis are autoreactive. *Arthritis and Rheumatism*, **1998**, 41, 498-506		10
18	Transendothelial chemotaxis of human alpha/beta and gamma/delta T lymphocytes to chemokines. *European Journal of Immunology*, **1998**, 28, 104-13	6.1	64
17	Direct and regulated interaction of integrin alphaEbeta7 with E-cadherin. *Journal of Cell Biology*, **1998**, 140, 197-210	7.3	188
16	T-cell receptor V beta gene usage in rheumatoid synovial follicles. *Annals of the New York Academy of Sciences*, **1995**, 756, 201-3	6.5	1
15	Distinct structural and functional epitopes of the alpha E beta 7 integrin. *European Journal of Immunology*, **1994**, 24, 2832-41	6.1	55
14	Adhesion between epithelial cells and T lymphocytes mediated by E-cadherin and the alpha E beta 7 integrin. *Nature*, **1994**, 372, 190-3	50.4	951
13	Biology of the human gamma delta T-cell receptor. *Immunological Reviews*, **1991**, 120, 137-83	11.3	192
12	Lymphocytes bearing antigen-specific gamma delta T-cell receptors accumulate in human infectious disease lesions. *Nature*, **1989**, 339, 544-8	50.4	563
11	T-cell receptor delta-chain can substitute for alpha to form a beta delta heterodimer. *Nature*, **1989**, 340, 562-5	50.4	57
10	Two forms of the T-cell receptor gamma protein found on peripheral blood cytotoxic T lymphocytes. *Nature*, **1987**, 325, 689-94	50.4	360
9	T-cell receptors of human suppressor cells. *Nature*, **1987**, 329, 541-5	50.4	48
8	Identification of a putative second T-cell receptor. *Nature*, **1986**, 322, 145-9	50.4	860
7	A functional T3 molecule associated with a novel heterodimer on the surface of immature human thymocytes. *Nature*, **1986**, 322, 179-81	50.4	379

6	VLA-1: a T cell surface antigen which defines a novel late stage of human T cell activation. *European Journal of Immunology*, **1985**, 15, 502-8	6.1	141
5	Clonally expanded CD38hi cytotoxic CD8 T cells define the T cell infiltrate in checkpoint inhibitor-associated arthritis		2
4	SLAMF7 engagement super-activates macrophages in acute and chronic inflammation		2
3	Fast, sensitive, and accurate integration of single cell data with Harmony		47
2	Allele-specific expression changes dynamically during T cell activation in HLA and other autoimmune loci		4
1	Cross-tissue, single-cell stromal atlas identifies shared pathological fibroblast phenotypes in four chronic inflammatory diseases		8