

Michael Dee Gunn

List of Publications by Year in descending order

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65
papers

11,352
citations

71102

41
h-index

106344

65
g-index

66
all docs

66
docs citations

66
times ranked

14916
citing authors

#	ARTICLE	IF	CITATIONS
1	Mice Lacking Expression of Secondary Lymphoid Organ Chemokine Have Defects in Lymphocyte Homing and Dendritic Cell Localization. <i>Journal of Experimental Medicine</i> , 1999, 189, 451-460.	8.5	943
2	A chemokine expressed in lymphoid high endothelial venules promotes the adhesion and chemotaxis of naive T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 258-263.	7.1	890
3	An essential role for Prox1 in the induction of the lymphatic endothelial cell phenotype. <i>EMBO Journal</i> , 2002, 21, 1505-1513.	7.8	783
4	A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1. <i>Nature</i> , 1998, 391, 799-803.	27.8	751
5	Cd11c+B220+Gr-1+ Cells in Mouse Lymph Nodes and Spleen Display Characteristics of Plasmacytoid Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1171-1178.	8.5	633
6	Lymphotoxin α and Tumor Necrosis Factor Are Required for Stromal Cell Expression of Homing Chemokines in B and T Cell Areas of the Spleen. <i>Journal of Experimental Medicine</i> , 1999, 189, 403-412.	8.5	529
7	Sequestration of T cells in bone marrow in the setting of glioblastoma and other intracranial tumors. <i>Nature Medicine</i> , 2018, 24, 1459-1468.	30.7	437
8	Tetanus toxoid and CCL3 improve dendritic cell vaccines in mice and glioblastoma patients. <i>Nature</i> , 2015, 519, 366-369.	27.8	429
9	The Cc Chemokine Thymus-Derived Chemotactic Agent 4 (Tca-4, Secondary Lymphoid Tissue Chemokine,) Tj ETQq1 1 0.784314 rgBT Lymphocytes in Peripheral Lymph Node High Endothelial Venues. <i>Journal of Experimental Medicine</i> , 2000, 191, 61-76.	8.5	406
10	CCR2+ Monocyte-Derived Dendritic Cells and Exudate Macrophages Produce Influenza-Induced Pulmonary Immune Pathology and Mortality. <i>Journal of Immunology</i> , 2008, 180, 2562-2572.	0.8	389
11	Brain immunology and immunotherapy in brain tumours. <i>Nature Reviews Cancer</i> , 2020, 20, 12-25.	28.4	389
12	A Protocol for the Comprehensive Flow Cytometric Analysis of Immune Cells in Normal and Inflamed Murine Non-Lymphoid Tissues. <i>PLoS ONE</i> , 2016, 11, e0150606.	2.5	299
13	Blood-derived inflammatory dendritic cells in lymph nodes stimulate acute T helper type 1 immune responses. <i>Nature Immunology</i> , 2009, 10, 394-402.	14.5	294
14	Mast cell-derived tumor necrosis factor induces hypertrophy of draining lymph nodes during infection. <i>Nature Immunology</i> , 2003, 4, 1199-1205.	14.5	290
15	Sulfotransferases of Two Specificities Function in the Reconstitution of High Endothelial Cell Ligands for L-selectin. <i>Journal of Cell Biology</i> , 1999, 145, 899-910.	5.2	265
16	The cholesterol metabolite 27 hydroxycholesterol facilitates breast cancer metastasis through its actions on immune cells. <i>Nature Communications</i> , 2017, 8, 864.	12.8	261
17	Autotaxin, an ectoenzyme that produces lysophosphatidic acid, promotes the entry of lymphocytes into secondary lymphoid organs. <i>Nature Immunology</i> , 2008, 9, 415-423.	14.5	248
18	NLRP3 inflammasome induces chemotactic immune cell migration to the CNS in experimental autoimmune encephalomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10480-10485.	7.1	230

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19	Flow Cytometric Analysis of Myeloid Cells in Human Blood, Bronchoalveolar Lavage, and Lung Tissues. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 13-24.	2.9	191
20	Gene Duplications at the Chemokine Locus on Mouse Chromosome 4: Multiple Strain-Specific Haplotypes and the Deletion of Secondary Lymphoid-Organ Chemokine and EBI-1 Ligand Chemokine Genes in the <i>plt</i> Mutation. <i>Journal of Immunology</i> , 2001, 166, 361-369.	0.8	184
21	Mice Lacking Expression of the Chemokines Ccl21-Ser and Ccl19 (<i>plt</i> Mice) Demonstrate Delayed but Enhanced T Cell Immune Responses. <i>Journal of Experimental Medicine</i> , 2001, 193, 207-218.	8.5	165
22	Human Placental Cytotrophoblasts Attract Monocytes and Cd56bright Natural Killer Cells via the Actions of Monocyte Inflammatory Protein 1 α . <i>Journal of Experimental Medicine</i> , 2001, 193, 1199-1212.	8.5	155
23	Cutting Edge: Hierarchy of Chemokine Receptor and TCR Signals Regulating T Cell Migration and Proliferation. <i>Journal of Immunology</i> , 2000, 165, 15-19.	0.8	153
24	Arginine Deprivation and Immune Suppression in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 5969-5982.	3.6	147
25	Chemokine Ligand and Receptor Expression in the Pregnant Uterus. <i>American Journal of Pathology</i> , 2001, 159, 2199-2213.	3.8	143
26	Genes for Apolipoprotein B and Microsomal Triglyceride Transfer Protein Are Expressed in the Heart. <i>Circulation</i> , 1998, 98, 13-16.	1.6	129
27	FTY720 stimulates multidrug transporter α and cysteinyl leukotriene α dependent T cell chemotaxis to lymph nodes. <i>Journal of Clinical Investigation</i> , 2003, 111, 627-637.	8.2	114
28	Mast Cells Augment Adaptive Immunity by Orchestrating Dendritic Cell Trafficking through Infected Tissues. <i>Cell Host and Microbe</i> , 2009, 6, 331-342.	11.0	113
29	Myoepithelial Cells of Submucosal Glands Can Function as Reserve Stem Cells to Regenerate Airways after Injury. <i>Cell Stem Cell</i> , 2018, 22, 668-683.e6.	11.1	110
30	Lung-Specific Overexpression of CC Chemokine Ligand (CCL) 2 Enhances the Host Defense to <i>Streptococcus pneumoniae</i> Infection in Mice: Role of the CCL2-CCR2 Axis. <i>Journal of Immunology</i> , 2007, 178, 5828-5838.	0.8	89
31	The Critical Role of Hematopoietic Cells in Lipopolysaccharide-induced Airway Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 806-813.	5.6	88
32	CCR2-Antagonist Prophylaxis Reduces Pulmonary Immune Pathology and Markedly Improves Survival during Influenza Infection. <i>Journal of Immunology</i> , 2011, 186, 508-515.	0.8	82
33	Chemokine mediated control of dendritic cell migration and function. <i>Seminars in Immunology</i> , 2003, 15, 271-276.	5.6	70
34	Human Apolipoprotein B Transgenic Mice Generated with 207- and 145-Kilobase Pair Bacterial Artificial Chromosomes. <i>Journal of Biological Chemistry</i> , 1997, 272, 29752-29758.	3.4	69
35	Recruited Exudative Macrophages Selectively Produce CXCL10 after Noninfectious Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 781-788.	2.9	57
36	Nanoparticle formulation improves doxorubicin efficacy by enhancing host antitumor immunity. <i>Journal of Controlled Release</i> , 2018, 269, 364-373.	9.9	52

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37	S1P-Dependent Trafficking of Intracellular <i>Yersinia pestis</i> through Lymph Nodes Establishes Buboes and Systemic Infection. <i>Immunity</i> , 2014, 41, 440-450.	14.3	51
38	Antigen-loaded monocyte administration induces potent therapeutic antitumor T cell responses. <i>Journal of Clinical Investigation</i> , 2020, 130, 774-788.	8.2	47
39	PF4/heparin complexes are T cell-dependent antigens. <i>Blood</i> , 2005, 106, 929-931.	1.4	45
40	A macrophage subpopulation recruited by CC chemokine ligand-2 clears apoptotic cells in noninfectious lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L933-L940.	2.9	45
41	CCR2 Deficiency, Dysregulation of Notch Signaling, and Spontaneous Pulmonary Arterial Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 647-654.	2.9	44
42	FTY720 stimulates multidrug transporter- and cysteinyl leukotriene-dependent T cell chemotaxis to lymph nodes. <i>Journal of Clinical Investigation</i> , 2003, 111, 627-637.	8.2	44
43	Enhanced allergen-induced airway inflammation in paucity of lymph node T cell (plt) mutant mice. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1234-1241.	2.9	41
44	C-C Motif Chemokine 5 Attenuates Angiotensin II-Dependent Kidney Injury by Limiting Renal Macrophage Infiltration. <i>American Journal of Pathology</i> , 2016, 186, 2846-2856.	3.8	41
45	Biased agonists of the chemokine receptor CXCR3 differentially control chemotaxis and inflammation. <i>Science Signaling</i> , 2018, 11, .	3.6	40
46	Nonclassical Monocytes Sense Hypoxia, Regulate Pulmonary Vascular Remodeling, and Promote Pulmonary Hypertension. <i>Journal of Immunology</i> , 2020, 204, 1474-1485.	0.8	38
47	Ozone Inhalation Promotes CX3CR1-Dependent Maturation of Resident Lung Macrophages That Limit Oxidative Stress and Inflammation. <i>Journal of Immunology</i> , 2011, 187, 4800-4808.	0.8	36
48	Improved efficacy against malignant brain tumors with EGFRwt/EGFRvIII targeting immunotoxin and checkpoint inhibitor combinations. , 2019, 7, 142.		31
49	Removal of microglial-specific MyD88 signaling alters dentate gyrus doublecortin and enhances opioid addiction-like behaviors. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 104-115.	4.1	31
50	An Entirely Cell-Based System to Generate Single-Chain Antibodies against Cell Surface Receptors. <i>Journal of Molecular Biology</i> , 2008, 379, 261-272.	4.2	30
51	A comparison of non-toxin vaccine adjuvants for their ability to enhance the immunogenicity of nasally-administered anthrax recombinant protective antigen. <i>Vaccine</i> , 2013, 31, 1480-1489.	3.8	27
52	Interleukin 1 receptor (IL-1R1) activation exacerbates toxin-induced acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F682-F691.	2.7	24
53	Permanent Survival of Fully MHC-Mismatched Islet Allografts by Targeting a Single Chemokine Receptor Pathway. <i>Journal of Immunology</i> , 2005, 175, 6311-6318.	0.8	23
54	Maximal Adjuvant Activity of Nasally Delivered IL-1 β Requires Adjuvant-Responsive CD11c ⁺ Cells and Does Not Correlate with Adjuvant-Induced In Vivo Cytokine Production. <i>Journal of Immunology</i> , 2012, 188, 2834-2846.	0.8	23

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55	Ultrasensitive point-of-care immunoassay for secreted glycoprotein detects Ebola infection earlier than PCR. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	22
56	Twist1 in Infiltrating Macrophages Attenuates Kidney Fibrosis via Matrix Metalloproteinase 13-Mediated Matrix Degradation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1674-1685.	6.1	18
57	Mice That Overexpress CC Chemokine Ligand 2 in Their Lungs Show Increased Protective Immunity to Infection with <i>Mycobacterium bovis</i> Bacille Calmette-Guérin. <i>Journal of Infectious Diseases</i> , 2008, 198, 1044-1054.	4.0	17
58	Organizing pneumonia in mice and men. <i>Journal of Translational Medicine</i> , 2016, 14, 169.	4.4	14
59	Role of C-C Motif Ligand 2 and C-C Motif Receptor 2 in Murine Pulmonary Graft-versus-Host Disease after Lipopolysaccharide Inhalations. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 810-821.	2.9	12
60	Cowpox virus induces interleukin-10 both in vitro and in vivo. <i>Virology</i> , 2011, 417, 87-97.	2.4	7
61	Identification of recombinant antibodies against multiple distinct toll-like receptors by homolog mining a single immune scFv phage library. <i>Journal of Immunological Methods</i> , 2009, 340, 144-153.	1.4	6
62	Th17 Immunity in the Colon Is Controlled by Two Novel Subsets of Colon-Specific Mononuclear Phagocytes. <i>Frontiers in Immunology</i> , 2021, 12, 661290.	4.8	3
63	Should we B-leavin' now?. <i>Nature Immunology</i> , 2004, 5, 703-704.	14.5	2
64	NUR who? An orphan transcription factor holds promise for monomaniacs. <i>Nature Immunology</i> , 2011, 12, 727-729.	14.5	2
65	Monocytes as a Cellular Vaccine Platform to Induce Antitumor Immunity. <i>Methods in Molecular Biology</i> , 2022, 2410, 627-647.	0.9	2