Scott N Mueller

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4233666/scott-n-mueller-publications-by-year.pdf
Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	7,721 citations	40 h-index	87 g-index
98 ext. papers	9,422 ext. citations	13.1 avg, IF	6.18 L-index

#	Paper	IF	Citations
83	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity.. *Science Immunology*, **2022**, 7, eabj0641	28	1
82	Sphingosine 1-phosphate receptor 5 (S1PR5) regulates the peripheral retention of tissue-resident lymphocytes. *Journal of Experimental Medicine*, **2022**, 219,	16.6	11
81	Differential location of NKT and MAIT cells within lymphoid tissue.. *Scientific Reports*, **2022**, 12, 4034	4.9	0
80	Persistence of Virus-Specific Antibody after Depletion of Memory B Cells.. *Journal of Virology*, **2022**, e0062622		
79	Corneal tissue-resident memory T cells form a unique immune compartment at the ocular surface. *Cell Reports*, **2022**, 39, 110852	10.6	0
78	Moving beyond velocity: Opportunities and challenges to quantify immune cell behavior. *Immunological Reviews*, **2021**,	11.3	2
77	Low-dose IL-2 therapy invigorates CD8+ T cells for viral control in systemic lupus erythematosus. *PLoS Pathogens*, **2021**, 17, e1009858	7.6	3
76	Effector and stem-like memory cell fates are imprinted in distinct lymph node niches directed by CXCR3 ligands. *Nature Immunology*, **2021**, 22, 434-448	19.1	16
75	Scavenging of soluble and immobilized CCL21 by ACKR4 regulates peripheral dendritic cell emigration. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
74	Understanding T cell phenotype for the design of effective chimeric antigen receptor T cell therapies **2021**, 9,		9
73	Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. *Immunity*, **2021**, 54, 1219-1230.e7	32.3	19
72	Intravital microscopy of dynamic single-cell behavior in mouse mammary tissue. *Nature Protocols*, **2021**, 16, 1907-1935	18.8	11
71	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. *Nature Immunology*, **2021**, 22, 1140-1151	19.1	14
70	CD8 and CD4 T Cells Infiltrate into the Brain during ANKA Infection and Form Long-Term Resident Memory. *Journal of Immunology*, **2021**, 207, 1578-1590	5.3	4
69	MHC Class II Ubiquitination Regulates Dendritic Cell Function and Immunity. *Journal of Immunology*, **2021**, 207, 2255-2264	5.3	2
68	Tissue-resident ductal macrophages survey the mammary epithelium and facilitate tissue remodelling. *Nature Cell Biology*, **2020**, 22, 546-558	23.4	55
67	Systemic Inflammation Suppresses Lymphoid Tissue Remodeling and B Cell Immunity during Concomitant Local Infection. *Cell Reports*, **2020**, 33, 108567	10.6	5

66	Display of Native Antigen on cDC1 That Have Spatial Access to Both T and B Cells Underlies Efficient Humoral Vaccination. *Journal of Immunology*, **2020**, 205, 1842-1856	5.3	13
65	The Interplay Between Lymphatic Vessels and Chemokines. *Frontiers in Immunology*, **2019**, 10, 518	8.4	25
64	IL-17 instructs lymphoid stromal cells. *Nature Immunology*, **2019**, 20, 524-526	19.1	1
63	T cell and dendritic cell interactions in lymphoid organs: More than just being in the right place at the right time. *Immunological Reviews*, **2019**, 289, 115-128	11.3	9
62	Intraclonal Plasticity in Mammary Tumors Revealed through Large-Scale Single-Cell Resolution 3D Imaging. *Cancer Cell*, **2019**, 35, 618-632.e6	24.3	74
61	Host Defenses to Viruses **2019**, 365-374.e1		2
60	Tissue-resident memory CD8 T cells promote melanoma-immune equilibrium in skin. *Nature*, **2019**, 565, 366-371	50.4	149
59	Stromal cell networks coordinate immune response generation and maintenance. *Immunological Reviews*, **2018**, 283, 77-85	11.3	26
58	Local proliferation maintains a stable pool of tissue-resident memory T cells after antiviral recall responses. *Nature Immunology*, **2018**, 19, 183-191	19.1	187
57	Cerebral Malaria in Mouse and Man. *Frontiers in Immunology*, **2018**, 9, 2016	8.4	49
56	Neutrophils are dispensable in the modulation of T cell immunity against cutaneous HSV-1 infection. *Scientific Reports*, **2017**, 7, 41091	4.9	17
55	Infection Programs Sustained Lymphoid Stromal Cell Responses and Shapes Lymph Node Remodeling upon Secondary Challenge. *Cell Reports*, **2017**, 18, 406-418	10.6	57
54	Genome-wide functional analysis reveals central signaling regulators of lymphatic endothelial cell migration and remodeling. *Science Signaling*, **2017**, 10,	8.8	17
53	Spreading the load: Antigen transfer between migratory and lymph node-resident dendritic cells promotes T-cell priming. *European Journal of Immunology*, **2017**, 47, 1798-1801	6.1	8
52	Chemokine Receptor-Dependent Control of Skin Tissue-Resident Memory T Cell Formation. *Journal of Immunology*, **2017**, 199, 2451-2459	5.3	73
51	Migratory CD11b conventional dendritic cells induce T follicular helper cell-dependent antibody responses. *Science Immunology*, **2017**, 2,	28	114
50	Isolation and Analysis of Stromal Cell Populations from Mouse Lymph Nodes. *Bio-protocol*, **2017**, 7, e2445	0.9	0
49	Tissue-resident memory T cells: local specialists in immune defence. *Nature Reviews Immunology*, **2016**, 16, 79-89	36.5	536

48	Some vexations that challenge viral immunology. *F1000Research*, **2016**, 5,	3.6	1
47	CD4(+) T-cell help amplifies innate signals for primary CD8(+) T-cell immunity. *Immunological Reviews*, **2016**, 272, 52-64	11.3	68
46	Skin CD4(+) memory T cells exhibit combined cluster-mediated retention and equilibration with the circulation. *Nature Communications*, **2016**, 7, 11514	17.4	115
45	Liver-Resident Memory CD8 T Cells Form a Front-Line Defense against Malaria Liver-Stage Infection. *Immunity*, **2016**, 45, 889-902	32.3	231
44	Targeting Antigen to Clec9A Primes Follicular Th Cell Memory Responses Capable of Robust Recall. *Journal of Immunology*, **2015**, 195, 1006-14	5.3	49
43	Spatiotemporally Distinct Interactions with Dendritic Cell Subsets Facilitates CD4+ and CD8+ T Cell Activation to Localized Viral Infection. *Immunity*, **2015**, 43, 554-65	32.3	158
42	Skin DCs cluster for efficient T cell activation. *Nature Immunology*, **2014**, 15, 1004-5	19.1	3
41	Persistence of skin-resident memory T cells within an epidermal niche. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5307-12	11.5	196
40	Distinct APC subtypes drive spatially segregated CD4+ and CD8+ T-cell effector activity during skin infection with HSV-1. *PLoS Pathogens*, **2014**, 10, e1004303	7.6	45
39	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. *Journal of Experimental Medicine*, **2014**, 211, 2549-66	16.6	109
38	Tissue-resident T cells: dynamic players in skin immunity. *Frontiers in Immunology*, **2014**, 5, 332	8.4	55
37	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. *Journal of Cell Biology*, **2014**, 207, 2075OIA223	7.3	
36	The developmental pathway for CD103(+)CD8+ tissue-resident memory T cells of skin. *Nature Immunology*, **2013**, 14, 1294-301	19.1	736
35	Memory T cell subsets, migration patterns, and tissue residence. *Annual Review of Immunology*, **2013**, 31, 137-61	34.7	524
34	Identification of a MHC I-restricted epitope of DsRed in C57BL/6 mice. *Molecular Immunology*, **2013**, 53, 450-2	4.3	10
33	Effector T-cell responses in non-lymphoid tissues: insights from in vivo imaging. *Immunology and Cell Biology*, **2013**, 91, 290-6	5	21
32	Dermal regulatory T cells display distinct migratory behavior that is modulated during adaptive and innate inflammation. *Journal of Immunology*, **2013**, 191, 3049-56	5.3	34
31	Peripheral tissue surveillance and residency by memory T cells. *Trends in Immunology*, **2013**, 34, 27-32	14.4	68

30	Host defenses to viruses **2013**, 346-355		1
29	Maintenance of T cell function in the face of chronic antigen stimulation and repeated reactivation for a latent virus infection. *Journal of Immunology*, **2012**, 188, 2173-8	5.3	50
28	Hair follicles: gatekeepers to the epidermis. *Nature Immunology*, **2012**, 13, 715-7	19.1	8
27	Long-lived epithelial immunity by tissue-resident memory T (TRM) cells in the absence of persisting local antigen presentation. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 7037-42	11.5	408
26	Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. *Nature*, **2011**, 477, 216-9	50.4	395
25	Aire regulates the transfer of antigen from mTECs to dendritic cells for induction of thymic tolerance. *Blood*, **2011**, 118, 2462-72	2.2	153
24	Targeting antigen to mouse dendritic cells via Clec9A induces potent CD4 T cell responses biased toward a follicular helper phenotype. *Journal of Immunology*, **2011**, 187, 842-50	5.3	163
23	Immunization with live attenuated influenza viruses that express altered NS1 proteins results in potent and protective memory CD8+ T-cell responses. *Journal of Virology*, **2010**, 84, 1847-55	6.6	40
22	Qualitatively different memory CD8+ T cells are generated after lymphocytic choriomeningitis virus and influenza virus infections. *Journal of Immunology*, **2010**, 185, 2182-90	5.3	29
21	Short-term inhibition of p53 combined with keratinocyte growth factor improves thymic epithelial cell recovery and enhances T-cell reconstitution after murine bone marrow transplantation. *Blood*, **2010**, 115, 1088-97	2.2	55
20	In vivo imaging of the T cell response to infection. *Current Opinion in Immunology*, **2010**, 22, 293-8	7.8	9
19	PD-L1 has distinct functions in hematopoietic and nonhematopoietic cells in regulating T cell responses during chronic infection in mice. *Journal of Clinical Investigation*, **2010**, 120, 2508-15	15.9	107
18	Kinetics of major histocompatibility class I antigen presentation in acute infection. *Journal of Immunology*, **2009**, 182, 902-11	5.3	5
17	High antigen levels are the cause of T cell exhaustion during chronic viral infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 8623-8	11.5	259
16	Stromal cell contributions to the homeostasis and functionality of the immune system. *Nature Reviews Immunology*, **2009**, 9, 618-29	36.5	377
15	Immune responses to viruses **2008**, 421-431		11
14	Enhancing therapeutic vaccination by blocking PD-1-mediated inhibitory signals during chronic infection. *Journal of Experimental Medicine*, **2008**, 205, 543-55	16.6	184
13	Lymphoid stroma in the initiation and control of immune responses. *Immunological Reviews*, **2008**, 224, 284-94	11.3	55

12	Optimization of TCR transgenic T cells for in vivo tracking of immune responses. *Immunology and Cell Biology*, **2007**, 85, 394-6	5	12
11	Regulation of homeostatic chemokine expression and cell trafficking during immune responses. *Science*, **2007**, 317, 670-4	33.3	211
10	Viral targeting of fibroblastic reticular cells contributes to immunosuppression and persistence during chronic infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 15430-5	11.5	184
9	CD4+ T cells can protect APC from CTL-mediated elimination. *Journal of Immunology*, **2006**, 176, 7379-84	5.3	33
8	Chimeric influenza virus hemagglutinin proteins containing large domains of the Bacillus anthracis protective antigen: protein characterization, incorporation into infectious influenza viruses, and antigenicity. *Journal of Virology*, **2005**, 79, 10003-12	6.6	48
7	Cutting edge: prolonged antigen presentation after herpes simplex virus-1 skin infection. *Journal of Immunology*, **2004**, 173, 2241-4	5.3	48
6	The early expression of glycoprotein B from herpes simplex virus can be detected by antigen-specific CD8+ T cells. *Journal of Virology*, **2003**, 77, 2445-51	6.6	32
5	Characterization of two TCR transgenic mouse lines specific for herpes simplex virus. *Immunology and Cell Biology*, **2002**, 80, 156-63	5	115
4	Progression of armed CTL from draining lymph node to spleen shortly after localized infection with herpes simplex virus 1. *Journal of Immunology*, **2002**, 168, 834-8	5.3	203
3	The CD8alpha(+) dendritic cell is responsible for inducing peripheral self-tolerance to tissue-associated antigens. *Journal of Experimental Medicine*, **2002**, 196, 1099-104	16.6	406
2	Rapid cytotoxic T lymphocyte activation occurs in the draining lymph nodes after cutaneous herpes simplex virus infection as a result of early antigen presentation and not the presence of virus. *Journal of Experimental Medicine*, **2002**, 195, 651-6	16.6	163
1	IL-2 stromal signatures dissect immunotherapy response groups in non-small cell lung cancer (NSCLC)		1