

Mark J Miller

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

4,261
citations

361296

20
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

4895
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Photon Imaging of Lymphocyte Motility and Antigen Response in Intact Lymph Node. <i>Science</i> , 2002, 296, 1869-1873.	6.0	1,174
2	Sensory Neurons Co-opt Classical Immune Signaling Pathways to Mediate Chronic Itch. <i>Cell</i> , 2017, 171, 217-228.e13.	13.5	692
3	Imaging the Single Cell Dynamics of CD4+ T Cell Activation by Dendritic Cells in Lymph Nodes. <i>Journal of Experimental Medicine</i> , 2004, 200, 847-856.	4.2	530
4	Autonomous T cell trafficking examined in vivo with intravital two-photon microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2604-2609.	3.3	497
5	T cell repertoire scanning is promoted by dynamic dendritic cell behavior and random T cell motility in the lymph node. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 998-1003.	3.3	409
6	A basophil-neuronal axis promotes itch. <i>Cell</i> , 2021, 184, 422-440.e17.	13.5	130
7	Age-Dependent Cell Trafficking Defects in Draining Lymph Nodes Impair Adaptive Immunity and Control of West Nile Virus Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005027.	2.1	83
8	Virus entry and replication in the brain precedes blood-brain barrier disruption during intranasal alphavirus infection. <i>Journal of Neuroimmunology</i> , 2017, 308, 118-130.	1.1	69
9	Streptolysin S Inhibits Neutrophil Recruitment during the Early Stages of <i>Streptococcus pyogenes</i> Infection. <i>Infection and Immunity</i> , 2009, 77, 5190-5201.	1.0	65
10	The cellular niche of <i>Listeria monocytogenes</i> infection changes rapidly in the spleen. <i>European Journal of Immunology</i> , 2009, 39, 417-425.	1.6	64
11	The secreted kinase ROP17 promotes <i>Toxoplasma gondii</i> dissemination by hijacking monocyte tissue migration. <i>Nature Microbiology</i> , 2019, 4, 1951-1963.	5.9	55
12	Neutrophil extracellular trap fragments stimulate innate immune responses that prevent lung transplant tolerance. <i>American Journal of Transplantation</i> , 2019, 19, 1011-1023.	2.6	53
13	ROCK regulates the intermittent mode of interstitial T cell migration in inflamed lungs. <i>Nature Communications</i> , 2017, 8, 1010.	5.8	50
14	B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. <i>JCI Insight</i> , 2017, 2, .	2.3	48
15	Neutrophil Fcγ3RIIA promotes IgG-mediated glomerular neutrophil capture via Abl/Src kinases. <i>Journal of Clinical Investigation</i> , 2017, 127, 3810-3826.	3.9	48
16	Goblet cell associated antigen passages are inhibited during <i>Salmonella typhimurium</i> infection to prevent pathogen dissemination and limit responses to dietary antigens. <i>Mucosal Immunology</i> , 2018, 11, 1103-1113.	2.7	47
17	Sonothermogenetics for noninvasive and cell-type specific deep brain neuromodulation. <i>Brain Stimulation</i> , 2021, 14, 790-800.	0.7	44
18	Real-Time Analysis of Calcium Signals during the Early Phase of T Cell Activation Using a Genetically Encoded Calcium Biosensor. <i>Journal of Immunology</i> , 2016, 196, 1471-1479.	0.4	43

#	ARTICLE	IF	CITATIONS
19	In vivo imaging implicates CCR2+ monocytes as regulators of neutrophil recruitment during arthritis. Cellular Immunology, 2012, 278, 103-112.	1.4	29
20	ITAM Signaling by Vav Family Rho Guanine Nucleotide Exchange Factors Regulates Interstitial Transit Rates of Neutrophils In Vivo. PLoS ONE, 2009, 4, e4652.	1.1	27
21	Requisite endothelial reactivation and effective siRNA nanoparticle targeting of Etv2/Er71 in tumor angiogenesis. JCI Insight, 2018, 3, .	2.3	20
22	CelltrackR: An R package for fast and flexible analysis of immune cell migration data. Immunoinformatics, 2021, 1-2, 100003.	1.2	19
23	Enterotoxigenic <i>Escherichia coli</i> Degrades the Host MUC2 Mucin Barrier To Facilitate Critical Pathogen-Enterocyte Interactions in Human Small Intestine. Infection and Immunity, 2022, 90, IAI0057221.	1.0	16
24	Complement activation on neutrophils initiates endothelial adhesion and extravasation. Molecular Immunology, 2019, 114, 629-642.	1.0	15
25	CCR6 promotes steady-state mononuclear phagocyte association with the intestinal epithelium, imprinting and immune surveillance. Immunology, 2017, 152, 613-627.	2.0	13
26	Epithelial IL-33 appropriates exosome trafficking for secretion in chronic airway disease. JCI Insight, 2021, 6, .	2.3	12
27	ER71/ETV2 Promotes Hair Regeneration from Chemotherapeutic Drug-Induced Hair Loss by Enhancing Angiogenesis. Biomolecules and Therapeutics, 2021, 29, 545-550.	1.1	4
28	Phagocytes produce prostaglandin E2 in response to cytosolic Listeria monocytogenes. PLoS Pathogens, 2021, 17, e1009493.	2.1	3