

Mark J Miller

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

4,261
citations

361045

20
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

4895
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterotoxigenic <i>Escherichia coli</i> Degrades the Host MUC2 Mucin Barrier To Facilitate Critical Pathogen-Enterocyte Interactions in Human Small Intestine. <i>Infection and Immunity</i> , 2022, 90, IAI0057221.	1.0	16
2	A basophil-neuronal axis promotes itch. <i>Cell</i> , 2021, 184, 422-440.e17.	13.5	130
3	Sonothermogenetics for noninvasive and cell-type specific deep brain neuromodulation. <i>Brain Stimulation</i> , 2021, 14, 790-800.	0.7	44
4	Phagocytes produce prostaglandin E2 in response to cytosolic <i>Listeria monocytogenes</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009493.	2.1	3
5	ER71/ETV2 Promotes Hair Regeneration from Chemotherapeutic Drug-Induced Hair Loss by Enhancing Angiogenesis. <i>Biomolecules and Therapeutics</i> , 2021, 29, 545-550.	1.1	4
6	CelltrackR: An R package for fast and flexible analysis of immune cell migration data. <i>Immunoinformatics</i> , 2021, 1-2, 100003.	1.2	19
7	Epithelial IL-33 appropriates exosome trafficking for secretion in chronic airway disease. <i>JCI Insight</i> , 2021, 6, .	2.3	12
8	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
9	Complement activation on neutrophils initiates endothelial adhesion and extravasation. <i>Molecular Immunology</i> , 2019, 114, 629-642.	1.0	15
10	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
11	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
12	Requisite endothelial reactivation and effective siRNA nanoparticle targeting of Etv2/Er71 in tumor angiogenesis. <i>JCI Insight</i> , 2018, 3, .	2.3	20
13	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
14	ROCK regulates the intermittent mode of interstitial T cell migration in inflamed lungs. <i>Nature Communications</i> , 2017, 8, 1010.	5.8	50
15	Sensory Neurons Co-opt Classical Immune Signaling Pathways to Mediate Chronic Itch. <i>Cell</i> , 2017, 171, 217-228.e13.	13.5	692
16	CCR6 promotes steady-state mononuclear phagocyte association with the intestinal epithelium, imprinting and immune surveillance. <i>Immunology</i> , 2017, 152, 613-627.	2.0	13
17	B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. <i>JCI Insight</i> , 2017, 2, .	2.3	48
18	Neutrophil Fc γ RIIA promotes IgG-mediated glomerular neutrophil capture via Abl/Src kinases. <i>Journal of Clinical Investigation</i> , 2017, 127, 3810-3826.	3.9	48

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19	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
20	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
21	In vivo imaging implicates CCR2+ monocytes as regulators of neutrophil recruitment during arthritis. <i>Cellular Immunology</i> , 2012, 278, 103-112.	1.4	29
22	ITAM Signaling by Vav Family Rho Guanine Nucleotide Exchange Factors Regulates Interstitial Transit Rates of Neutrophils In Vivo. <i>PLoS ONE</i> , 2009, 4, e4652.	1.1	27
23	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
24	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
25	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
26	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
27	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
28	Two-Photon Imaging of Lymphocyte Motility and Antigen Response in Intact Lymph Node. <i>Science</i> , 2002, 296, 1869-1873.	6.0	1,174