

Anita K Mcelroy

List of Publications by Year in descending order

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71
papers

5,191
citations

117625

34
h-index

95266

68
g-index

75
all docs

75
docs citations

75
times ranked

9156
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Antibody Response Is Associated with Age and Body Mass Index in Convalescent Outpatients. <i>Journal of Immunology</i> , 2022, 208, 1711-1718.	0.8	8
2	Genetic diversity of collaborative cross mice enables identification of novel rift valley fever virus encephalitis model. <i>PLoS Pathogens</i> , 2022, 18, e1010649.	4.7	14
3	A Cross-Sectional Study of SARS-CoV-2 Seroprevalence between Fall 2020 and February 2021 in Allegheny County, Western Pennsylvania, USA. <i>Pathogens</i> , 2021, 10, 710.	2.8	8
4	#41: Mechanistic Immune Correlates of Protection Following Vaccination Against Rift Valley Fever Virus. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, S14-S14.	1.3	0
5	Multiplex assessment of SARS-CoV-2 antibodies improves assay sensitivity and correlation with neutralizing antibodies. <i>Clinical Biochemistry</i> , 2021, 97, 54-61.	1.9	8
6	Identification and Characterization of Rift Valley Fever Virus-Specific T Cells Reveals a Dependence on CD40/CD40L Interactions for Prevention of Encephalitis. <i>Journal of Virology</i> , 2021, 95, e0150621.	3.4	5
7	Isotype-Specific Fc Effector Functions Enhance Antibody-Mediated Rift Valley Fever Virus Protection <i>in Vivo</i> . <i>MSphere</i> , 2021, 6, e0055621.	2.9	4
8	Lrp1 is a host entry factor for Rift Valley fever virus. <i>Cell</i> , 2021, 184, 5163-5178.e24.	28.9	46
9	A Mycobacteriophage-Based Vaccine Platform: SARS-CoV-2 Antigen Expression and Display. <i>Microorganisms</i> , 2021, 9, 2414.	3.6	6
10	Prospective Cohort Study of Next-Generation Sequencing as a Diagnostic Modality for Unexplained Encephalitis in Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 326-333.	1.3	32
11	Rift Valley Fever Virus Is Lethal in Different Inbred Mouse Strains Independent of Sex. <i>Frontiers in Microbiology</i> , 2020, 11, 1962.	3.5	18
12	SARS-CoV-2 infection of African green monkeys results in mild respiratory disease discernible by PET/CT imaging and shedding of infectious virus from both respiratory and gastrointestinal tracts. <i>PLoS Pathogens</i> , 2020, 16, e1008903.	4.7	110
13	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	27.8	705
14	Dynamics of human B and T cell adaptive immune responses to Kyasanur Forest disease virus infection. <i>Scientific Reports</i> , 2020, 10, 15306.	3.3	10
15	Severe Human Lassa Fever Is Characterized by Nonspecific T-Cell Activation and Lymphocyte Homing to Inflamed Tissues. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
16	Rift Valley fever virus vaccination induces long-lived, antigen-specific human T cell responses. <i>Npj Vaccines</i> , 2020, 5, 17.	6.0	17
17	SARS-CoV-2 growth, furin-cleavage-site adaptation and neutralization using serum from acutely infected hospitalized COVID-19 patients. <i>Journal of General Virology</i> , 2020, 101, 1156-1169.	2.9	131
18	Immunologic timeline of Ebola virus disease and recovery in humans. <i>JCI Insight</i> , 2020, 5, .	5.0	25

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19	Rift Valley Fever Virus Infection Causes Acute Encephalitis in the Ferret. <i>MSphere</i> , 2020, 5, .	2.9	8
20	Characterization of Virus-specific Immune Response During Varicella Zoster Virus Encephalitis in a Young Adult. <i>Clinical Infectious Diseases</i> , 2019, 69, 348-351.	5.8	4
21	Macrophage Activation Marker Soluble CD163 Associated with Fatal and Severe Ebola Virus Disease in Humans1. <i>Emerging Infectious Diseases</i> , 2019, 25, 290-298.	4.3	28
22	Longitudinal Analysis of the Human B Cell Response to Ebola Virus Infection. <i>Cell</i> , 2019, 177, 1566-1582.e17.	28.9	153
23	Ebola virus disease. <i>Lancet, The</i> , 2019, 393, 936-948.	13.7	305
24	Fluorescent Crimean-Congo hemorrhagic fever virus illuminates tissue tropism patterns and identifies early mononuclear phagocytic cell targets in <i>lfnar</i> ^{-/-} mice. <i>PLoS Pathogens</i> , 2019, 15, e1008183.	4.7	19
25	Adaptive Immune Responses in Humans During Nipah Virus Acute and Convalescent Phases of Infection. <i>Clinical Infectious Diseases</i> , 2019, 69, 1752-1756.	5.8	27
26	Immune barriers of Ebola virus infection. <i>Current Opinion in Virology</i> , 2018, 28, 152-160.	5.4	25
27	Encephalitis and Thalamic Injury From Neuroinvasive West Nile Virus in Children on Treatment for Acute Lymphoblastic Leukemia. <i>Pediatric Neurology</i> , 2018, 80, 84-87.	2.1	5
28	Statins Suppress Ebola Virus Infectivity by Interfering with Glycoprotein Processing. <i>MBio</i> , 2018, 9, .	4.1	58
29	CD4 T Cells, CD8 T Cells, and Monocytes Coordinate To Prevent Rift Valley Fever Virus Encephalitis. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
30	Human immune cell engraftment does not alter development of severe acute Rift Valley fever in mice. <i>PLoS ONE</i> , 2018, 13, e0201104.	2.5	2
31	Rift valley fever viral load correlates with the human inflammatory response and coagulation pathway abnormalities in humans with hemorrhagic manifestations. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006460.	3.0	21
32	Human Biomarkers of Outcome Following Rift Valley Fever Virus Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 1847-1851.	4.0	8
33	Innate immune responses elicited by Sin Nombre virus or type I IFN agonists protect hamsters from lethal Andes virus infections. <i>Journal of General Virology</i> , 2018, 99, 1359-1366.	2.9	5
34	First Newborn Baby to Receive Experimental Therapies Survives Ebola Virus Disease. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw493.	4.0	104
35	Crimean-Congo Hemorrhagic Fever in Humanized Mice Reveals Glial Cells as Primary Targets of Neurological Infection. <i>Journal of Infectious Diseases</i> , 2017, 216, 1386-1397.	4.0	43
36	Whole Blood-Based Multiplex Immunoassays for the Evaluation of Human Biomarker Responses to Emerging Viruses in Resource-Limited Regions. <i>Viral Immunology</i> , 2017, 30, 671-674.	1.3	3

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37	Ebola Virus Disease in Humans: Pathophysiology and Immunity. <i>Current Topics in Microbiology and Immunology</i> , 2017, 411, 141-169.	1.1	31
38	Favipiravir and Ribavirin Treatment of Epidemiologically Linked Cases of Lassa Fever. <i>Clinical Infectious Diseases</i> , 2017, 65, 855-859.	5.8	101
39	A Case of Human Lassa Virus Infection With Robust Acute T-Cell Activation and Long-Term Virus-Specific T-Cell Responses. <i>Journal of Infectious Diseases</i> , 2017, 215, 1862-1872.	4.0	44
40	Ebola Virus Persistence in Semen of Male Survivors. <i>Clinical Infectious Diseases</i> , 2016, 62, 1552-1555.	5.8	101
41	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. <i>Nature Immunology</i> , 2016, 17, 1226-1234.	14.5	348
42	Rift Valley fever virus: Unanswered questions. <i>Antiviral Research</i> , 2016, 132, 274-280.	4.1	46
43	Kinetic Analysis of Biomarkers in a Cohort of US Patients With Ebola Virus Disease. <i>Clinical Infectious Diseases</i> , 2016, 63, 460-467.	5.8	50
44	Ebola Virus Disease. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 893-897.	2.0	28
45	Von Willebrand Factor Is Elevated in Individuals Infected with Sudan Virus and Is Associated with Adverse Clinical Outcomes. <i>Viral Immunology</i> , 2015, 28, 71-73.	1.3	18
46	Human Ebola virus infection results in substantial immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4719-4724.	7.1	274
47	The Use of TKM-100802 and Convalescent Plasma in 2 Patients With Ebola Virus Disease in the United States. <i>Clinical Infectious Diseases</i> , 2015, 61, 496-502.	5.8	182
48	Relationship Between Ebola Virus Real-Time Quantitative Polymerase Chain Reaction-Based Threshold Cycle Value and Virus Isolation From Human Plasma. <i>Journal of Infectious Diseases</i> , 2015, 212, S346-S349.	4.0	29
49	Reply to Fedson. <i>Journal of Infectious Diseases</i> , 2015, 211, 662-663.	4.0	1
50	Biomarker Correlates of Survival in Pediatric Patients with Ebola Virus Disease. <i>Emerging Infectious Diseases</i> , 2014, 20, 1683-90.	4.3	79
51	Rift Valley Fever Virus Encephalitis Is Associated with an Ineffective Systemic Immune Response and Activated T Cell Infiltration into the CNS in an Immunocompetent Mouse Model. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2874.	3.0	41
52	Marburgvirus Resurgence in Kitaka Mine Bat Population after Extermination Attempts, Uganda. <i>Emerging Infectious Diseases</i> , 2014, 20, 1761-1764.	4.3	97
53	Biomarkers for understanding Ebola virus disease. <i>Biomarkers in Medicine</i> , 2014, 8, 1053-1056.	1.4	9
54	Clinical Care of Two Patients with Ebola Virus Disease in the United States. <i>New England Journal of Medicine</i> , 2014, 371, 2402-2409.	27.0	310

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55	Ebola Hemorrhagic Fever: Novel Biomarker Correlates of Clinical Outcome. <i>Journal of Infectious Diseases</i> , 2014, 210, 558-566.	4.0	168
56	Bacillary Angiomatosis in Patients With Cancer: A Pediatric Case Report and a Review of the Literature. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2013, 2, 175-178.	1.3	7
57	Development of a reverse genetics system to generate recombinant Marburg virus derived from a bat isolate. <i>Virology</i> , 2013, 446, 230-237.	2.4	42
58	Rift Valley Fever Virus Clearance and Protection from Neurologic Disease Are Dependent on CD4 ⁺ T Cell and Virus-Specific Antibody Responses. <i>Journal of Virology</i> , 2013, 87, 6161-6171.	3.4	46
59	<i>Bartonella henselae</i> -mediated disease in solid organ transplant recipients: two pediatric cases and a literature review. <i>Transplant Infectious Disease</i> , 2012, 14, E71-81.	1.7	42
60	Rift Valley fever virus inhibits a pro-inflammatory response in experimentally infected human monocyte derived macrophages and a pro-inflammatory cytokine response may be associated with patient survival during natural infection. <i>Virology</i> , 2012, 422, 6-12.	2.4	67
61	Rift Valley Fever Virus Vaccine Lacking the NSs and NSm Genes Is Safe, Nonteratogenic, and Confers Protection from Viremia, Pyrexia, and Abortion following Challenge in Adult and Pregnant Sheep. <i>Journal of Virology</i> , 2011, 85, 12901-12909.	3.4	106
62	Development of a RVFV ELISA that can distinguish infected from vaccinated animals. <i>Virology Journal</i> , 2009, 6, 125.	3.4	61
63	Immunogenicity of combination DNA vaccines for Rift Valley fever virus, tick-borne encephalitis virus, Hantaan virus, and Crimean Congo hemorrhagic fever virus. <i>Vaccine</i> , 2006, 24, 4657-4666.	3.8	117
64	Identification of Dobrava, Hantaan, Seoul, and Puumala viruses by one-step real-time RT-PCR. <i>Journal of Virological Methods</i> , 2005, 124, 21-26.	2.1	57
65	Cyclin-Dependent Kinase Activity Is Required at Early Times for Accurate Processing and Accumulation of the Human Cytomegalovirus UL122-123 and UL37 Immediate-Early Transcripts and at Later Times for Virus Production. <i>Journal of Virology</i> , 2004, 78, 11219-11232.	3.4	79
66	Mechanisms Governing Maintenance of Cdk1/Cyclin B1 Kinase Activity in Cells Infected with Human Cytomegalovirus. <i>Journal of Virology</i> , 2003, 77, 13214-13224.	3.4	65
67	Andes Virus Infection of <i>Cynomolgus</i> Macaques. <i>Journal of Infectious Diseases</i> , 2002, 186, 1706-1712.	4.0	32
68	The Use of Recombinant Baculoviruses for Sustained Expression of Human Cytomegalovirus Immediate Early Proteins in Fibroblasts. <i>Virology</i> , 2001, 284, 297-307.	2.4	33
69	Dysregulation of Cyclin E Gene Expression in Human Cytomegalovirus-Infected Cells Requires Viral Early Gene Expression and Is Associated with Changes in the Rb-Related Protein p130. <i>Journal of Virology</i> , 2000, 74, 4192-4206.	3.4	43
70	Exploitation of cellular signaling and regulatory pathways by human cytomegalovirus. <i>Trends in Microbiology</i> , 2000, 8, 111-119.	7.7	123
71	Nuclear-cytoplasmic shuttling of C-ABL tyrosine kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 7457-7462.	7.1	290