

Matthew H Collins

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,615
citations

361413
20
h-index

214800
47
g-index

60
all docs

60
docs citations

60
times ranked

5835
citing authors

#	ARTICLE	IF	CITATIONS
1	The receptor-binding domain of the viral spike protein is an immunodominant and highly specific target of antibodies in SARS-CoV-2 patients. <i>Science Immunology</i> , 2020, 5, .	11.9	772
2	CD8+ T-Cell Responses to <i>Trypanosoma cruzi</i> Are Highly Focused on Strain-Variant trans-Sialidase Epitopes. <i>PLoS Pathogens</i> , 2006, 2, e77.	4.7	204
3	COVID-19 Serology at Population Scale: SARS-CoV-2-Specific Antibody Responses in Saliva. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	3.9	193
4	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017, 91, .	3.4	148
5	Lack of Durable Cross-Neutralizing Antibodies Against Zika Virus from Dengue Virus Infection. <i>Emerging Infectious Diseases</i> , 2017, 23, 773-781.	4.3	141
6	Longitudinal Analysis of Antibody Cross-neutralization Following Zika Virus and Dengue Virus Infection in Asia and the Americas. <i>Journal of Infectious Diseases</i> , 2018, 218, 536-545.	4.0	124
7	Progress and Works in Progress: Update on Flavivirus Vaccine Development. <i>Clinical Therapeutics</i> , 2017, 39, 1519-1536.	2.5	95
8	Global Assessment of Dengue Virus-Specific CD4+ T Cell Responses in Dengue-Endemic Areas. <i>Frontiers in Immunology</i> , 2017, 8, 1309.	4.8	77
9	The Importance and Challenges of Identifying SARS-CoV-2 Reinfections. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	73
10	Cutting Edge: Transcriptional Profiling Reveals Multifunctional and Cytotoxic Antiviral Responses of Zika Virus-Specific CD8+ T Cells. <i>Journal of Immunology</i> , 2018, 201, 3487-3491.	0.8	70
11	Estimating the Cumulative Incidence of SARS-CoV-2 Infection and the Infection Fatality Ratio in Light of Waning Antibodies. <i>Epidemiology</i> , 2021, 32, 518-524.	2.7	69
12	Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	53
13	Human antibody response to Zika targets type-specific quaternary structure epitopes. <i>JCI Insight</i> , 2019, 4, .	5.0	45
14	Impact of pre-existing dengue immunity on human antibody and memory B cell responses to Zika. <i>Nature Communications</i> , 2019, 10, 938.	12.8	44
15	Highly competent, non-exhausted CD8+ T cells continue to tightly control pathogen load throughout chronic <i>Trypanosoma cruzi</i> infection. <i>PLoS Pathogens</i> , 2018, 14, e1007410.	4.7	36
16	Oral Exposure to <i>Trypanosoma cruzi</i> Elicits a Systemic CD8 ⁺ T Cell Response and Protection against Heterotopic Challenge. <i>Infection and Immunity</i> , 2011, 79, 3397-3406.	2.2	33
17	Seroepidemiology of Dengue, Zika, and Yellow Fever Viruses among Children in the Democratic Republic of the Congo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 756-763.	1.4	30
18	Diagnosis and outcomes of pregnant women with Zika virus infection in two municipalities of Risaralda, Colombia: Second report of the ZIKERNCOL study. <i>Travel Medicine and Infectious Disease</i> , 2018, 25, 20-25.	3.0	26

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19	Fatal Zika virus infection in the Americas: A systematic review. <i>International Journal of Infectious Diseases</i> , 2019, 88, 49-59.	3.3	24
20	Virus-Host Interactions Between Nonsecretors and Human Norovirus. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 245-267.	4.5	24
21	Neurodevelopmental Outcomes of Children Following In Utero Exposure to Zika in Nicaragua. <i>Clinical Infectious Diseases</i> , 2021, 72, e146-e153.	5.8	22
22	Age-related alterations in NOS and oxidative stress in mesenteric arteries from male and female rats. <i>Journal of Applied Physiology</i> , 2004, 97, 1268-1274.	2.5	21
23	Human Norovirus Epitope D Plasticity Allows Escape from Antibody Immunity without Loss of Capacity for Binding Cellular Ligands. <i>Journal of Virology</i> , 2019, 93, .	3.4	20
24	Transcriptional regulation and T cell exhaustion. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 459-463.	3.8	17
25	Prolonged Shedding of Zika Virus RNA in Vaginal Secretions, Nicaragua. <i>Emerging Infectious Diseases</i> , 2019, 25, 808-810.	4.3	17
26	The TIRS trial: protocol for a cluster randomized controlled trial assessing the efficacy of preventive targeted indoor residual spraying to reduce Aedes-borne viral illnesses in Merida, Mexico. <i>Trials</i> , 2020, 21, 839.	1.6	16
27	Safety and immunogenicity of a trivalent virus-like particle vaccine against western, eastern, and Venezuelan equine encephalitis viruses: a phase 1, open-label, dose-escalation, randomised clinical trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1210-1220.	9.1	15
28	Serologic Tools and Strategies to Support Intervention Trials to Combat Zika Virus Infection and Disease. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 68.	2.3	11
29	Occupational risk factors for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among healthcare personnel: A cross-sectional analysis of subjects enrolled in the COVID-19 Prevention in Emory Healthcare Personnel (COPE) study. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 381-386.	1.8	10
30	Serologic surveillance of maternal Zika infection in a prospective cohort in Leon, Nicaragua during the peak of the Zika epidemic. <i>PLoS ONE</i> , 2020, 15, e0230692.	2.5	8
31	Susceptibility to endemic Aedes-borne viruses among pregnant women in Risaralda, Colombia. <i>International Journal of Infectious Diseases</i> , 2022, 122, 832-840.	3.3	8
32	Detecting Vertical Zika Transmission: Emerging Diagnostic Approaches for an Emerged Flavivirus. <i>ACS Infectious Diseases</i> , 2019, 5, 1055-1069.	3.8	7
33	Occupational risk factors for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among healthcare personnel: A 6-month prospective analysis of the COVID-19 Prevention in Emory Healthcare Personnel (COPE) Study. <i>Infection Control and Hospital Epidemiology</i> , 2022, , 1-8.	1.8	7
34	Host response: Cross-fit T cells battle Zika virus. <i>Nature Microbiology</i> , 2017, 2, 17082.	13.3	6
35	Zika in 2018: Advising Travelers Amid Changing Incidence. <i>Annals of Internal Medicine</i> , 2018, 169, 337-338.	3.9	6
36	Dengue in Western Uganda: a prospective cohort of children presenting with undifferentiated febrile illness. <i>BMC Infectious Diseases</i> , 2020, 20, 835.	2.9	5

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37	Zika RNA and Flavivirus-Like Antigens in the Sperm Cells of Symptomatic and Asymptomatic Subjects. <i>Viruses</i> , 2021, 13, 152.	3.3	5
38	EVITA Dengue: a cluster-randomized controlled trial to Evaluate the efficacy of Wolbachia-Infected <i>Aedes aegypti</i> mosquitoes in reducing the incidence of Arboviral infection in Brazil. <i>Trials</i> , 2022, 23, 185.	1.6	5
39	Vaccination and vaci-notions: Understanding the barriers and facilitators of COVID-19 vaccine uptake during the 2020-21 COVID-19 pandemic. <i>Public Health in Practice</i> , 2022, 3, 100276.	1.5	5
40	Breech at the Border: An Atypical Case of Invasive <i>Haemophilus influenzae</i> in a Patient on a Novel Immunotherapeutic. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy146.	0.9	4
41	Editorial: Emerging and Re-emerging Vector-borne and Zoonotic Diseases. <i>Frontiers in Medicine</i> , 2021, 8, 714630.	2.6	4
42	Application of SARS-CoV-2 Serology to Address Public Health Priorities. <i>Frontiers in Public Health</i> , 2021, 9, 744535.	2.7	4
43	Quantifying Risk for SARS-CoV-2 Infection Among Nursing Home Workers for the 2020-2021 Winter Surge of the COVID-19 Pandemic in Georgia, USA. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 942-946.e1.	2.5	4
44	Mesenteric Thrombosis Complicating Influenza B Infection. <i>American Journal of Medicine</i> , 2016, 129, e17-e18.	1.5	3
45	Clinical and Epidemiological Features of Acute Zika Virus Infections in León, Nicaragua. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 924-930.	1.4	2
46	Risk factors for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) seropositivity among nursing home staff. <i>Antimicrobial Stewardship & Healthcare Epidemiology</i> , 2021, 1, .	0.5	2
47	Sensitive and Stable Molecular Detection of Dengue, Chikungunya, and Zika Viruses from Dried Blood Spots. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 296-299.	1.4	2
48	Introductory Chapter: Clinical and Epidemiological Implications of Zika Virus Infection - The Experience of RECOLZIKA in Colombia. , 2018, , .		1
49	Neuromyelitis Optica Presenting as Infectious Meningoencephalitis: Case Report and Literature Review. <i>American Journal of the Medical Sciences</i> , 2021, 361, 534-541.	1.1	1
50	Dose-Response of a Norovirus GII.2 Controlled Human Challenge Model Inoculum. <i>Journal of Infectious Diseases</i> , 2022, 226, 1771-1780.	4.0	1
51	LB18. Understanding Zika-Specific Immunity for Prevention and Protection. <i>Open Forum Infectious Diseases</i> , 2019, 6, S1001-S1001.	0.9	0
52	442. Common symptoms of outpatient COVID-19 compared to non-COVID-19 Cases: A prospective epidemiologic study in a major US metropolitan area. <i>Open Forum Infectious Diseases</i> , 2020, 7, S288-S288.	0.9	0
53	411. Application of a SARS-CoV-2-specific serologic assay for translational research and surveillance. <i>Open Forum Infectious Diseases</i> , 2020, 7, S273-S273.	0.9	0
54	506. Variation in Occupational Activities and Infection Prevention Practices in Healthcare Personnel Based on Exposure to COVID-19 Units. <i>Open Forum Infectious Diseases</i> , 2020, 7, S319-S319.	0.9	0