

Matthew H Collins

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	1,694 citations	19 h-index	41 g-index
60 ext. papers	2,397 ext. citations	6.5 avg, IF	5.05 L-index

#	Paper	IF	Citations
48	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,	28	450
47	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	7.6	175
46	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017 , 91,	6.6	113
45	Lack of Durable Cross-Neutralizing Antibodies Against Zika Virus from Dengue Virus Infection. <i>Emerging Infectious Diseases</i> , 2017 , 23, 773-781	10.2	108
44	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	7	95
43	COVID-19 Serology at Population Scale: SARS-CoV-2-Specific Antibody Responses in Saliva. <i>Journal of Clinical Microbiology</i> , 2020 , 59,	9.7	94
42	LB18. Understanding Zika-Specific Immunity for Prevention and Protection. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S1001-S1001	1	78
41	Progress and Works in Progress: Update on Flavivirus Vaccine Development. <i>Clinical Therapeutics</i> , 2017 , 39, 1519-1536	3.5	55
40	Global Assessment of Dengue Virus-Specific CD4 T Cell Responses in Dengue-Endemic Areas. <i>Frontiers in Immunology</i> , 2017 , 8, 1309	8.4	49
39	The Importance and Challenges of Identifying SARS-CoV-2 Reinfections. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	41
38	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	5.3	38
37	Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	36
36	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	3.1	35
35	COVID-19 serology at population scale: SARS-CoV-2-specific antibody responses in saliva 2020 ,		32
34	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, 3397-406	3.7	27
33	Impact of pre-existing dengue immunity on human antibody and memory B cell responses to Zika. <i>Nature Communications</i> , 2019 , 10, 938	17.4	27
32	Human antibody response to Zika targets type-specific quaternary structure epitopes. <i>JCI Insight</i> , 2019 , 4,	9.9	22

31	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	8.4	21
30	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	7.6	21
29	Age-related alterations in NOS and oxidative stress in mesenteric arteries from male and female rats. <i>Journal of Applied Physiology</i> , 2004 , 97, 1268-74	3.7	19
28	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,	6.6	16
27	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	3.2	15
26	The RBD Of The Spike Protein Of SARS-Group Coronaviruses Is A Highly Specific Target Of SARS-CoV-2 Antibodies But Not Other Pathogenic Human and Animal Coronavirus Antibodies 2020 ,		15
25	Prolonged Shedding of Zika Virus RNA in Vaginal Secretions, Nicaragua. <i>Emerging Infectious Diseases</i> , 2019 , 25, 808-810	10.2	13
24	Transcriptional regulation and T cell exhaustion. <i>Current Opinion in HIV and AIDS</i> , 2014 , 9, 459-63	4.2	13
23	Estimating the cumulative incidence of SARS-CoV-2 infection and the infection fatality ratio in light of waning antibodies 2020 ,		12
22	Virus-Host Interactions Between Nonsecretors and Human Norovirus. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020 , 10, 245-267	7.9	10
21	Serologic Tools and Strategies to Support Intervention Trials to Combat Zika Virus Infection and Disease. <i>Tropical Medicine and Infectious Disease</i> , 2019 , 4,	3.5	9
20	Fatal Zika virus infection in the Americas: A systematic review. <i>International Journal of Infectious Diseases</i> , 2019 , 88, 49-59	10.5	8
19	Neurodevelopmental Outcomes of Children Following In Utero Exposure to Zika in Nicaragua. <i>Clinical Infectious Diseases</i> , 2021 , 72, e146-e153	11.6	7
18	Host response: Cross-fit T cells battle Zika virus. <i>Nature Microbiology</i> , 2017 , 2, 17082	26.6	5
17	Detecting Vertical Zika Transmission: Emerging Diagnostic Approaches for an Emerged Flavivirus. <i>ACS Infectious Diseases</i> , 2019 , 5, 1055-1069	5.5	5
16	Zika in 2018: Advising Travelers Amid Changing Incidence. <i>Annals of Internal Medicine</i> , 2018 , 169, 337-338		5
15	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	2.8	5
14	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	3.7	4

13	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> , 2021 , 1-6	2	3
12	Mesenteric Thrombosis Complicating Influenza B Infection. <i>American Journal of Medicine</i> , 2016 , 129, e17-8	2.4	2
11	Dengue in western Uganda: A prospective cohort of children presenting with undifferentiated febrile illness		2
10	Dengue in Western Uganda: a prospective cohort of children presenting with undifferentiated febrile illness. <i>BMC Infectious Diseases</i> , 2020 , 20, 835	4	2
9	Breath at the Border: An Atypical Case of Invasive in a Patient on a Novel Immunotherapeutic. <i>Open Forum Infectious Diseases</i> , 2018 , 5, ofy146	1	2
8	EVITA Dengue: a cluster-randomized controlled trial to EVALuate the efficacy of Wolbachia-Infected Aedes aegypti mosquitoes in reducing the incidence of Arboviral infection in Brazil.. <i>Trials</i> , 2022 , 23, 185	2.8	1
7	Application of SARS-CoV-2 Serology to Address Public Health Priorities. <i>Frontiers in Public Health</i> , 2021 , 9, 744535	6	0
6	Neuromyelitis Optica Presenting as Infectious Meningoencephalitis: Case Report and Literature Review. <i>American Journal of the Medical Sciences</i> , 2021 , 361, 534-541	2.2	0
5	Occupational Risk Factors for 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 , 1-30	2	0
4	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 , 100276	2.6	0
3	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 ¹		
2	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	1	
1	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	1	