

Eva Harris

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

225
papers

13,882
citations

66
h-index

113
g-index

247
ext. papers

16,881
ext. citations

9.6
avg, IF

6.62
L-index

#	Paper	IF	Citations
225	Homotypic protection against influenza in a pediatric cohort in Managua, Nicaragua.. <i>Nature Communications</i> , 2022 , 13, 1190	17.4	1
224	Sulfated β -glucan from <i>Agaricus subrufescens</i> inhibits flavivirus infection and nonstructural protein 1-mediated pathogenesis.. <i>Antiviral Research</i> , 2022 , 105330	10.8	
223	Flavivirus NS1 Triggers Tissue-Specific Disassembly of Intercellular Junctions Leading to Barrier Dysfunction and Vascular Leak in a GSK-3 β -Dependent Manner. <i>Pathogens</i> , 2022 , 11, 615	4.5	0
222	Obesity Is Associated With Increased Susceptibility to Influenza A (H1N1pdm) but Not H3N2 Infection. <i>Clinical Infectious Diseases</i> , 2021 , 73, e4345-e4352	11.6	2
221	SARS-CoV-2 Spike triggers barrier dysfunction and vascular leak via integrins and TGF- β signaling. 2021 ,		2
220	Dengue and Zika virus infections in children elicit cross-reactive protective and enhancing antibodies that persist long term. <i>Science Translational Medicine</i> , 2021 , 13, eabg9478	17.5	3
219	Viral genome-based Zika virus transmission dynamics in a paediatric cohort during the 2016 Nicaragua epidemic. <i>EBioMedicine</i> , 2021 , 72, 103596	8.8	0
218	Pneumonia Following Symptomatic Influenza Infection Among Nicaraguan Children Before and After Introduction of the Pneumococcal Conjugate Vaccine. <i>Journal of Infectious Diseases</i> , 2021 , 224, 643-647	7	0
217	Rapid, point-of-care molecular diagnostics with Cas13 2021 ,		7
216	Individual-level Association of Influenza Infection With Subsequent Pneumonia: A Case-control and Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e4288-e4295	11.6	3
215	Boosting can explain patterns of fluctuations of ratios of inapparent to symptomatic dengue virus infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
214	Studying the Endothelial Glycocalyx : What Is Missing?. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 647086	3.4	5
213	Pre-existing T Cell Memory against Zika Virus. <i>Journal of Virology</i> , 2021 , 95,	6.6	2
212	CyTOF Profiling of Zika and Dengue Virus-Infected Human Peripheral Blood Mononuclear Cells Identifies Phenotypic Signatures of Monotype Subsets and Upregulation of the Interferon-Inducible Protein CD169. <i>MSphere</i> , 2021 , 6, e0050521	5	2
211	Knowledge gaps in the epidemiology of severe dengue impede vaccine evaluation. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	6
210	Previous exposure to dengue virus is associated with increased Zika virus burden at the maternal-fetal interface in rhesus macaques. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009641	4.8	3
209	Characterization of the Type-Specific and Cross-Reactive B-Cell Responses Elicited by a Live-Attenuated Tetravalent Dengue Vaccine. <i>Journal of Infectious Diseases</i> , 2021 , 223, 247-257	7	3

208	Evolution and epidemiologic dynamics of dengue virus in Nicaragua during the emergence of chikungunya and Zika viruses. <i>Infection, Genetics and Evolution</i> , 2021 , 92, 104680	4.5	1
207	Structural basis for antibody inhibition of flavivirus NS1-triggered endothelial dysfunction. <i>Science</i> , 2021 , 371, 194-200	33.3	28
206	Developmental outcomes in children exposed to Zika virus in utero from a Brazilian urban slum cohort study. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009162	4.8	7
205	Adapting Rapid Diagnostic Tests to Detect Historical Dengue Virus Infections. <i>Frontiers in Immunology</i> , 2021 , 12, 703887	8.4	1
204	Clinical spectrum of SARS-CoV-2 infection and protection from symptomatic re-infection. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	5
203	The Compound SBI-0090799 Inhibits Zika Virus Infection by Blocking Formation of the Membranous Replication Compartment. <i>Journal of Virology</i> , 2021 , 95, e0099621	6.6	1
202	Identification of Anti-Premembrane Antibody as a Serocomplex-Specific Marker To Discriminate Zika, Dengue, and West Nile Virus Infections. <i>Journal of Virology</i> , 2021 , 95, e0061921	6.6	0
201	Risk Factors Associated With SARS-CoV-2 Infection Among Farmworkers in Monterey County, California. <i>JAMA Network Open</i> , 2021 , 4, e2124116	10.4	3
200	Levels of Circulating NS1 Impact West Nile Virus Spread to the Brain. <i>Journal of Virology</i> , 2021 , 95, e0084421	4.2	3
199	Comprehensive Immunoprofiling of Pediatric Zika Reveals Key Role for Monocytes in the Acute Phase and No Effect of Prior Dengue Virus Infection. <i>Cell Reports</i> , 2020 , 31, 107569	10.6	22
198	Antibody-Dependent Enhancement of Severe Disease Is Mediated by Serum Viral Load in Pediatric Dengue Virus Infections. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1846-1854	7	18
197	Identification of Dengue Virus Serotype 3 Specific Antigenic Sites Targeted by Neutralizing Human Antibodies. <i>Cell Host and Microbe</i> , 2020 , 27, 710-724.e7	23.4	7
196	FcRn, but not FcRs, drives maternal-fetal transplacental transport of human IgG antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12943-12951	11.5	25
195	Cost-effectiveness of community mobilization (Camino Verde) for dengue prevention in Nicaragua and Mexico: A cluster randomized controlled trial. <i>International Journal of Infectious Diseases</i> , 2020 , 94, 59-67	10.5	1
194	T Cell Responses Induced by Attenuated Flavivirus Vaccination Are Specific and Show Limited Cross-Reactivity with Other Flavivirus Species. <i>Journal of Virology</i> , 2020 , 94,	6.6	24
193	Primary and Secondary Dengue Virus Infections Elicit Similar Memory B-Cell Responses, but Breadth to Other Serotypes and Cross-Reactivity to Zika Virus Is Higher in Secondary Dengue. <i>Journal of Infectious Diseases</i> , 2020 , 222, 590-600	7	11
192	Evaluation of ViroTrack Sero Zika IgG/IgM, a New Rapid and Quantitative Zika Serological Diagnostic Assay. <i>Diagnostics</i> , 2020 , 10,	3.8	2
191	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

190	Utility of entomological indices for predicting transmission of dengue virus: secondary analysis of data from the Camino Verde trial in Mexico and Nicaragua. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008768	4.8	0
189	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. <i>EBioMedicine</i> , 2020 , 51, 102584	8.8	5
188	Age-dependent manifestations and case definitions of paediatric Zika: a prospective cohort study. <i>Lancet Infectious Diseases</i> , 2020 , 20, 371-380	25.5	12
187	In silico drug repurposing for the identification of potential candidate molecules against arboviruses infection. <i>Antiviral Research</i> , 2020 , 173, 104668	10.8	11
186	Avian anti-NS1 IgY antibodies neutralize dengue virus infection and protect against lethal dengue virus challenge. <i>Antiviral Research</i> , 2020 , 183, 104923	10.8	4
185	Protective and enhancing interactions among dengue viruses 1-4 and Zika virus. <i>Current Opinion in Virology</i> , 2020 , 43, 59-70	7.5	19
184	Dengue Immunopathogenesis: A Crosstalk between Host and Viral Factors Leading to Disease: Part I - Dengue Virus Tropism, Host Innate Immune Responses, and Subversion of Antiviral Responses 2020 ,		1
183	Migration of Disease 2020 , 96-130		
182	Zika virus infection enhances future risk of severe dengue disease. <i>Science</i> , 2020 , 369, 1123-1128	33.3	78
181	Magnitude and Functionality of the NS1-Specific Antibody Response Elicited by a Live-Attenuated Tetravalent Dengue Vaccine Candidate. <i>Journal of Infectious Diseases</i> , 2020 , 221, 867-877	7	15
180	Zika Virus Nonstructural Protein 1 Disrupts Glycosaminoglycans and Causes Permeability in Developing Human Placentas. <i>Journal of Infectious Diseases</i> , 2020 , 221, 313-324	7	22
179	Assessing the Incidence of Symptomatic Respiratory Syncytial Virus Illness Within a Prospective Birth Cohort in Managua, Nicaragua. <i>Clinical Infectious Diseases</i> , 2020 , 70, 2029-2035	11.6	10
178	International prospective observational cohort study of Zika in infants and pregnancy (ZIP study): study protocol. <i>BMC Pregnancy and Childbirth</i> , 2019 , 19, 282	3.2	9
177	Prior dengue virus infection and risk of Zika: A pediatric cohort in Nicaragua. <i>PLoS Medicine</i> , 2019 , 16, e1002726	11.6	95
176	Flavivirus NS1 Triggers Tissue-Specific Vascular Endothelial Dysfunction Reflecting Disease Tropism. <i>Cell Reports</i> , 2019 , 26, 1598-1613.e8	10.6	112
175	ImmuneRegulation: a web-based tool for identifying human immune regulatory elements. <i>Nucleic Acids Research</i> , 2019 , 47, W142-W150	20.1	2
174	Effects of infection history on dengue virus infection and pathogenicity. <i>Nature Communications</i> , 2019 , 10, 1246	17.4	15
173	Impact of preexisting dengue immunity on Zika virus emergence in a dengue endemic region. <i>Science</i> , 2019 , 363, 607-610	33.3	147

172	Augmented Zika and Dengue Neutralizing Antibodies Are Associated With Guillain-Barré Syndrome. <i>Journal of Infectious Diseases</i> , 2019 , 219, 26-30	7	16
171	HLA Upregulation During Dengue Virus Infection Suppresses the Natural Killer Cell Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 268	5.9	7
170	Low seroprevalence rates of Zika virus in Kuala Lumpur, Malaysia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019 , 113, 678-684	2	6
169	Endocytosis of flavivirus NS1 is required for NS1-mediated endothelial hyperpermeability and is abolished by a single N-glycosylation site mutation. <i>PLoS Pathogens</i> , 2019 , 15, e1007938	7.6	33
168	Tracking the polyclonal neutralizing antibody response to a dengue virus serotype 1 type-specific epitope across two populations in Asia and the Americas. <i>Scientific Reports</i> , 2019 , 9, 16258	4.9	4
167	Peptide arrays of three collections of human sera from patients infected with mosquito-borne viruses. <i>F1000Research</i> , 2019 , 8, 1875	3.6	2
166	Peptide arrays incubated with three collections of human sera from patients infected with mosquito-borne viruses. <i>F1000Research</i> , 2019 , 8, 1875	3.6	6
165	Capturing sequence diversity in metagenomes with comprehensive and scalable probe design. <i>Nature Biotechnology</i> , 2019 , 37, 160-168	44.5	57
164	Increased serum sialic acid is associated with morbidity and mortality in a murine model of dengue disease. <i>Journal of General Virology</i> , 2019 , 100, 1515-1522	4.9	7
163	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
162	Molecular Signatures of Dengue Virus-Specific IL-10/IFN- γ -Co-producing CD4 ⁺ T Cells and Their Association with Dengue Disease. <i>Cell Reports</i> , 2019 , 29, 4482-4495.e4	10.6	13
161	Combination of Nonstructural Protein 1-Based Enzyme-Linked Immunosorbent Assays Can Detect and Distinguish Various Dengue Virus and Zika Virus Infections. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	11
160	Epidemiological Evidence for Lineage-Specific Differences in the Risk of Inapparent Chikungunya Virus Infection. <i>Journal of Virology</i> , 2019 , 93,	6.6	19
159	The decline of dengue in the Americas in 2017: discussion of multiple hypotheses. <i>Tropical Medicine and International Health</i> , 2019 , 24, 442-453	2.3	34
158	Cyclic Dinucleotide-Adjuvanted Dengue Virus Nonstructural Protein 1 Induces Protective Antibody and T Cell Responses. <i>Journal of Immunology</i> , 2019 , 202, 1153-1162	5.3	14
157	Reply to Gardin et al. <i>Clinical Infectious Diseases</i> , 2019 , 68, 172-174	11.6	4
156	Diagnosis of Zika Virus Infection by Peptide Array and Enzyme-Linked Immunosorbent Assay. <i>MBio</i> , 2018 , 9,	7.8	51
155	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

154	Zika Virus Replicates in Proliferating Cells in Explants From First-Trimester Human Placentas, Potential Sites for Dissemination of Infection. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1202-1213	7	40
153	Precursors of human CD4 cytotoxic T lymphocytes identified by single-cell transcriptome analysis. <i>Science Immunology</i> , 2018 , 3,	28	136
152	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
151	Passive Transfer of Immune Sera Induced by a Zika Virus-Like Particle Vaccine Protects AG129 Mice Against Lethal Zika Virus Challenge. <i>EBioMedicine</i> , 2018 , 27, 61-70	8.8	33
150	Comparison of Four Serological Methods and Two Reverse Transcription-PCR Assays for Diagnosis and Surveillance of Zika Virus Infection. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	50
149	Differences in Transmission and Disease Severity Between 2 Successive Waves of Chikungunya. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1760-1767	11.6	16
148	The use of longitudinal cohorts for studies of dengue viral pathogenesis and protection. <i>Current Opinion in Virology</i> , 2018 , 29, 51-61	7.5	11
147	Clinical development and regulatory points for consideration for second-generation live attenuated dengue vaccines. <i>Vaccine</i> , 2018 , 36, 3411-3417	4.1	35
146	Recent advances in understanding the adaptive immune response to Zika virus and the effect of previous flavivirus exposure. <i>Virus Research</i> , 2018 , 254, 27-33	6.4	38
145	Which Dengue Vaccine Approach Is the Most Promising, and Should We Be Concerned about Enhanced Disease after Vaccination? The Path to a Dengue Vaccine: Learning from Human Natural Dengue Infection Studies and Vaccine Trials. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	16
144	ELISPOT-Based "Multi-Color FluoroSpot" to Study Type-Specific and Cross-Reactive Responses in Memory B Cells after Dengue and Zika Virus Infections. <i>Methods in Molecular Biology</i> , 2018 , 1808, 151-163	1.4	6
143	Obesity Increases the Duration of Influenza A Virus Shedding in Adults. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1378-1382	7	127
142	Differing epidemiological dynamics of Chikungunya virus in the Americas during the 2014-2015 epidemic. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006670	4.8	20
141	The Good, the Bad, and the Shocking: The Multiple Roles of Dengue Virus Nonstructural Protein 1 in Protection and Pathogenesis. <i>Annual Review of Virology</i> , 2018 , 5, 227-253	14.6	71
140	Early Transcriptional Responses After Dengue Vaccination Mirror the Response to Natural Infection and Predict Neutralizing Antibody Titers. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1911-1921	7	6
139	Seroprevalence, risk factor, and spatial analyses of Zika virus infection after the 2016 epidemic in Managua, Nicaragua. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9294-9299	11.5	53
138	Zika virus infection in Nicaraguan households. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006518	4.8	10
137	Internally Controlled, Multiplex Real-Time Reverse Transcription PCR for Dengue Virus and Yellow Fever Virus Detection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 1833-1836	3.2	12

136	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 339 adults from Managua, Nicaragua. <i>Human Immunology</i> , 2018 , 79, 1-2	2.3	4
135	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
134	Dynamics and determinants of the force of infection of dengue virus from 1994 to 2015 in Managua, Nicaragua. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10762-10767	11.5	15
133	Comprehensive innate immune profiling of chikungunya virus infection in pediatric cases. <i>Molecular Systems Biology</i> , 2018 , 14, e7862	12.2	40
132	Genomic Epidemiology Reconstructs the Introduction and Spread of Zika Virus in Central America and Mexico. <i>Cell Host and Microbe</i> , 2018 , 23, 855-864.e7	23.4	60
131	Dengue: knowledge gaps, unmet needs, and research priorities. <i>Lancet Infectious Diseases</i> , 2017 , 17, e88-e100	25.5	104
130	Mosquito Biting Modulates Skin Response to Virus Infection. <i>Trends in Parasitology</i> , 2017 , 33, 645-657	6.4	47
129	The Role of Heterotypic DENV-specific CD8T Lymphocytes in an Immunocompetent Mouse Model of Secondary Dengue Virus Infection. <i>EBioMedicine</i> , 2017 , 20, 202-216	8.8	13
128	Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	73
127	Antibody Epitopes Identified in Critical Regions of Dengue Virus Nonstructural 1 Protein in Mouse Vaccination and Natural Human Infections. <i>Journal of Immunology</i> , 2017 , 198, 4025-4035	5.3	41
126	Influenza and dengue virus co-infection impairs monocyte recruitment to the lung, increases dengue virus titers, and exacerbates pneumonia. <i>European Journal of Immunology</i> , 2017 , 47, 527-539	6.1	11
125	CD14CD16 monocytes are the main target of Zika virus infection in peripheral blood mononuclear cells in a paediatric study in Nicaragua. <i>Nature Microbiology</i> , 2017 , 2, 1462-1470	26.6	119
124	Antibody-dependent enhancement of severe dengue disease in humans. <i>Science</i> , 2017 , 358, 929-932	33.3	517
123	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017 , 91,	6.6	113
122	Association between Haemagglutination inhibiting antibodies and protection against clade 6B viruses in 2013 and 2015. <i>Vaccine</i> , 2017 , 35, 6202-6207	4.1	6
121	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. <i>Cell</i> , 2017 , 171, 229-241	16.15	85
120	Dissecting the human serum antibody response to secondary dengue virus infections. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005554	4.8	45
119	Dengue occurrence relations and serology: cross-sectional analysis of results from the Guerrero State, Mexico, baseline for a cluster-randomised controlled trial of community mobilisation for dengue prevention. <i>BMC Public Health</i> , 2017 , 17, 435	4.1	3

118	Community cost-benefit discussions that launched the Camino Verde intervention in Nicaragua. <i>BMC Public Health</i> , 2017 , 17, 396	4.1	7
117	Informed community mobilization for dengue prevention in households with and without a regular water supply: Secondary analysis from the Camino Verde trial in Nicaragua. <i>BMC Public Health</i> , 2017 , 17, 395	4.1	3
116	Beyond efficacy in water containers: Temephos and household entomological indices in six studies between 2005 and 2013 in Managua, Nicaragua. <i>BMC Public Health</i> , 2017 , 17, 434	4.1	4
115	Mobilising communities for <i>Aedes aegypti</i> control: the SEPA approach. <i>BMC Public Health</i> , 2017 , 17, 403	4.1	24
114	The Camino Verde intervention in Nicaragua, 2004-2012. <i>BMC Public Health</i> , 2017 , 17, 406	4.1	9
113	"Where we put little fish in the water there are no mosquitoes:" a cross-sectional study on biological control of the <i>Aedes aegypti</i> vector in 90 coastal-region communities of Guerrero, Mexico. <i>BMC Public Health</i> , 2017 , 17, 433	4.1	10
112	When communities are really in control: ethical issues surrounding community mobilisation for dengue prevention in Mexico and Nicaragua. <i>BMC Public Health</i> , 2017 , 17, 410	4.1	8
111	Preparation of Mosquito Salivary Gland Extract and Intradermal Inoculation of Mice. <i>Bio-protocol</i> , 2017 , 7,	0.9	6
110	Rearing of spp. and spp. Mosquitoes. <i>Bio-protocol</i> , 2017 , 7,	0.9	30
109	Intrahost Selection Pressures Drive Rapid Dengue Virus Microevolution in Acute Human Infections. <i>Cell Host and Microbe</i> , 2017 , 22, 400-410.e5	23.4	28
108	Analysis of Individuals from a Dengue-Endemic Region Helps Define the Footprint and Repertoire of Antibodies Targeting Dengue Virus 3 Type-Specific Epitopes. <i>MBio</i> , 2017 , 8,	7.8	11
107	Antibody-based assay discriminates Zika virus infection from other flaviviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8384-8389	11.5	129
106	Camino Verde (The Green Way): evidence-based community mobilisation for dengue control in Nicaragua and Mexico: feasibility study and study protocol for a randomised controlled trial. <i>BMC Public Health</i> , 2017 , 17, 407	4.1	23
105	Immune correlates of protection for dengue: State of the art and research agenda. <i>Vaccine</i> , 2017 , 35, 4659-4669	4.1	55
104	Distinguishing Secondary Dengue Virus Infection From Zika Virus Infection With Previous Dengue by a Combination of 3 Simple Serological Tests. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1829-1836	11.6	45
103	Zika virus infection of first-trimester human placentas: utility of an explant model of replication to evaluate correlates of immune protection ex vivo. <i>Current Opinion in Virology</i> , 2017 , 27, 48-56	7.5	16
102	Characterization of Dengue Virus Infections Among Febrile Children Clinically Diagnosed With a Non-Dengue Illness, Managua, Nicaragua. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1816-1823	7	9
101	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

100	Dengue virus specific IgY provides protection following lethal dengue virus challenge and is neutralizing in the absence of inducing antibody dependent enhancement. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005721	4.8	19
99	Dengue virus NS1 cytokine-independent vascular leak is dependent on endothelial glycocalyx components. <i>PLoS Pathogens</i> , 2017 , 13, e1006673	7.6	89
98	Development of in-house serological methods for diagnosis and surveillance of chikungunya. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2017 , 41, e56	4.1	10
97	Viremia and Clinical Presentation in Nicaraguan Patients Infected With Zika Virus, Chikungunya Virus, and Dengue Virus. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1584-1590	11.6	179
96	Specificity, cross-reactivity, and function of antibodies elicited by Zika virus infection. <i>Science</i> , 2016 , 353, 823-6	33.3	528
95	Zika Virus Targets Different Primary Human Placental Cells, Suggesting Two Routes for Vertical Transmission. <i>Cell Host and Microbe</i> , 2016 , 20, 155-66	23.4	316
94	Clinical Attack Rate of Chikungunya in a Cohort of Nicaraguan Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 94, 397-9	3.2	21
93	Immunodominant Dengue Virus-Specific CD8+ T Cell Responses Are Associated with a Memory PD-1+ Phenotype. <i>Journal of Virology</i> , 2016 , 90, 4771-4779	6.6	53
92	Clinical evaluation of a single-reaction real-time RT-PCR for pan-dengue and chikungunya virus detection. <i>Journal of Clinical Virology</i> , 2016 , 78, 57-61	14.5	36
91	Inhibition of endoplasmic reticulum glucosidases is required for in vitro and in vivo dengue antiviral activity by the iminosugar UV-4. <i>Antiviral Research</i> , 2016 , 129, 93-98	10.8	38
90	Functional Transplant of a Dengue Virus Serotype 3 (DENV3)-Specific Human Monoclonal Antibody Epitope into DENV1. <i>Journal of Virology</i> , 2016 , 90, 5090-5097	6.6	27
89	Chikungunya Virus Sequences Across the First Epidemic in Nicaragua, 2014-2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 94, 400-3	3.2	12
88	Neutralizing antibody titers against dengue virus correlate with protection from symptomatic infection in a longitudinal cohort. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 728-33	11.5	103
87	Evolutionarily Successful Asian 1 Dengue Virus 2 Lineages Contain One Substitution in Envelope That Increases Sensitivity to Polyclonal Antibody Neutralization. <i>Journal of Infectious Diseases</i> , 2016 , 213, 975-84	7	9
86	Iminosugars Inhibit Dengue Virus Production via Inhibition of ER Alpha-Glucosidases--Not Glycolipid Processing Enzymes. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004524	4.8	51
85	Mosquito Saliva Increases Endothelial Permeability in the Skin, Immune Cell Migration, and Dengue Pathogenesis during Antibody-Dependent Enhancement. <i>PLoS Pathogens</i> , 2016 , 12, e1005676	7.6	54
84	Dengue Virus NS1 Disrupts the Endothelial Glycocalyx, Leading to Hyperpermeability. <i>PLoS Pathogens</i> , 2016 , 12, e1005738	7.6	161
83	Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1295-7	10.2	109

82	Metabolomics-Based Discovery of Small Molecule Biomarkers in Serum Associated with Dengue Virus Infections and Disease Outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004449	4.8	41
81	Seroprevalence of Anti-Chikungunya Virus Antibodies in Children and Adults in Managua, Nicaragua, After the First Chikungunya Epidemic, 2014-2015. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004773	4.8	30
80	Homotypic Dengue Virus Reinfections in Nicaraguan Children. <i>Journal of Infectious Diseases</i> , 2016 , 214, 986-93	7	60
79	Antibody avidity following secondary dengue virus type 2 infection across a range of disease severity. <i>Journal of Clinical Virology</i> , 2015 , 69, 63-7	14.5	9
78	DENGUE VIRUS. Cryo-EM structure of an antibody that neutralizes dengue virus type 2 by locking E protein dimers. <i>Science</i> , 2015 , 349, 88-91	33.3	167
77	Economic and disease burden of dengue in Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003547	4.8	64
76	Yes we can! The Raffles Dialogue on Human Wellbeing and Security. <i>The Lancet Global Health</i> , 2015 , 3, e496-e500	13.6	3
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3	Interferon receptor-deficient mice are susceptible to eschar-associated rickettsiosis		1
2	Genome-wide, bidirectional CRISPR screens identify mucins as critical host factors modulating SARS-CoV-2 infection		12
1	Molecular Determinants of Tissue Specificity of Flavivirus Nonstructural Protein 1 Interaction with Endothelial Cells		1