Berlin Londono-Renteria

List of Publications by Year
in descending order

46 papers	1,020 citations	394421 19 h-index	477307 29 g-index
51 all docs	51 docs citations	51 times ranked	1364 citing authors

#	Article	IF	Citations
1	Arthropod EVs mediate dengue virus transmission through interaction with a tetraspanin domain containing glycoprotein Tsp29Fb. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6604-E6613.	7.1	86
2	Aedes aegypti D7 Saliva Protein Inhibits Dengue Virus Infection. PLoS Neglected Tropical Diseases, 2016, 10, e0004941.	3.0	70
3	Vesicular Stomatitis Virus Transmission: A Comparison of Incriminated Vectors. Insects, 2018, 9, 190.	2.2	51
4	Dengue Virus Infection of Aedes aegypti Requires a Putative Cysteine Rich Venom Protein. PLoS Pathogens, 2015, 11, e1005202.	4.7	49
5	A Role for Human Skin Mast Cells in Dengue Virus Infection and Systemic Spread. Journal of Immunology, 2016, 197, 4382-4391.	0.8	49
6	Use of Anti-Aedes aegypti Salivary Extract Antibody Concentration to Correlate Risk of Vector Exposure and Dengue Transmission Risk in Colombia. PLoS ONE, 2013, 8, e81211.	2.5	44
7	Chloroquine-Resistant HaplotypePlasmodium falciparumParasites, Haiti. Emerging Infectious Diseases, 2009, 15, 735-740.	4.3	42
8	Garlic Organosulfur Compounds Reduce Inflammation and Oxidative Stress during Dengue Virus Infection. Viruses, 2017, 9, 159.	3.3	42
9	An. gambiae gSG6-P1 evaluation as a proxy for human-vector contact in the Americas: a pilot study. Parasites and Vectors, 2015, 8, 533.	2.5	40
10	Antibody Response Against Anopheles albimanus (Diptera: Culicidae) Salivary Protein as a Measure of Mosquito Bite Exposure in Haiti. Journal of Medical Entomology, 2010, 47, 1156-1163.	1.8	39
11	Prevalence ofPlasmodium falciparumInfection in Rainy Season, Artibonite Valley, Haiti, 2006. Emerging Infectious Diseases, 2007, 13, 1494-1496.	4.3	38
12	A novel mosquito ubiquitin targets viral envelope protein for degradation and reduces virion production during dengue virus infection. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1898-1909.	2.4	36
13	Long-Lasting Permethrin-Impregnated Clothing Protects Against Mosquito Bites in Outdoor Workers. American Journal of Tropical Medicine and Hygiene, 2015, 93, 869-874.	1.4	35
14	Infection with dengue-2 virus alters proteins in naturally expectorated saliva of Aedes aegypti mosquitoes. Parasites and Vectors, 2014, 7, 252.	2.5	32
15	A relevant in vitro human model for the study of Zika virus antibody-dependent enhancement. Journal of General Virology, 2017, 98, 1702-1712.	2.9	29
16	Serosurvey of Human Antibodies Recognizing Aedes aegypti D7 Salivary Proteins in Colombia. Frontiers in Public Health, 2018, 6, 111.	2.7	25
17	Arbovirosis and potential transmission blocking vaccines. Parasites and Vectors, 2016, 9, 516.	2.5	24
18	ConcentraciÃ³n de los anticuerpos en contra de proteÃnas de las glÃ¡ndulas salivares de Aedes aegypti e historia de la exposiciÃ³n al virus del dengue en residentes de una zona endÃ©mica colombiana. Biomedica, 2015, 35, 572-81.	0.7	23

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19	Dengue virus reduces expression of low-density lipoprotein receptor-related protein 1 to facilitate replication in Aedes aegypti. Scientific Reports, 2019, 9, 6352.	3.3	22
20	A Brief Review of West Nile Virus Biology. Methods in Molecular Biology, 2016, 1435, 1-13.	0.9	21
21	IgG1 and IgG4 antibodies against Aedes aegypti salivary proteins and risk for dengue infections. PLoS ONE, 2019, 14, e0208455.	2.5	20
22	IgG antibody response against Anopheles salivary gland proteins in asymptomatic Plasmodium infections in Narino, Colombia. Malaria Journal, 2020, 19, 42.	2.3	16
23	Venereal Transmission of Vesicular Stomatitis Virus by Culicoides sonorensis Midges. Pathogens, 2020, 9, 316.	2.8	15
24	Human C5a Protein Participates in the Mosquito Immune Response Against Dengue Virus. Journal of Medical Entomology, 2016, 53, 505-512.	1.8	14
25	Role of Mast Cells in Dengue Virus Pathogenesis. DNA and Cell Biology, 2017, 36, 423-427.	1.9	13
26	Identification and Pilot Evaluation of Salivary Peptides from Anopheles albimanus as Biomarkers for Bite Exposure and Malaria Infection in Colombia. International Journal of Molecular Sciences, 2020, 21, 691.	4.1	13
27	ComparaciÃ³n de los mÃ©todos Optimal y gota gruesa para el diagnÃ³stico de malaria en una zona endÃ©mica sin epidemia.. Biomedica, 2002, 22, 466.	0.7	12
28	Genetic diversity in the merozoite surface protein 1 and 2 genes of Plasmodium falciparum from the Artibonite Valley of Haiti. Acta Tropica, 2012, 121, 6-12.	2.0	12
29	Effect ofSolanum nudum Dunal (Solanaceae) steroids on hepatic trophozoites ofPlasmodium vivax. Phytotherapy Research, 2006, 20, 267-273.	5.8	11
30	Differential Tick Salivary Protein Profiles and Human Immune Responses to Lone Star Ticks (Amblyomma americanum) From the Wild vs. a Laboratory Colony. Frontiers in Immunology, 2019, 10, 1996.	4.8	11
31	Dengue Virus Infection of Aedes aegypti Alters Extracellular Vesicle Protein Cargo to Enhance Virus Transmission. International Journal of Molecular Sciences, 2020, 21, 6609.	4.1	10
32	Impacts of Infectious Dose, Feeding Behavior, and Age of Culicoides sonorensis Biting Midges on Infection Dynamics of Vesicular Stomatitis Virus. Pathogens, 2021, 10, 816.	2.8	9
33	Multiple Salivary Proteins from Aedes aegypti Mosquito Bind to the Zika Virus Envelope Protein. Viruses, 2022, 14, 221.	3.3	9
34	Factors Associated With PeridomesticTriatoma sanguisuga(Hemiptera: Reduviidae) Presence in Southeastern Louisiana. Journal of Medical Entomology, 2014, 51, 1043-1050.	1.8	8
35	Antibody Responses Against Anopheles darlingi Immunogenic Peptides in Plasmodium Infected Humans. Frontiers in Cellular and Infection Microbiology, 2020, 10, 455.	3.9	8
36	One-step RT-qPCR assay for ZIKV RNA detection in Aedes aegypti samples: a protocol to study infection and gene expression during ZIKV infection. Parasites and Vectors, 2020, 13, 128.	2.5	8

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37	Prevention of sporogony ofPlasmodium vivax inAnopheles albimanus by steroids ofSolanum nudum Dunal (Solanaceae). Phytotherapy Research, 2006, 20, 444-447.	5.8	5
38	Natural Mosquito-Pathogen Hybrid IgG4 Antibodies in Vector-Borne Diseases: A Hypothesis. Frontiers in Immunology, 2016, 7, 380.	4.8	5
39	Vertebrate Responses against Arthropod Salivary Proteins and Their Therapeutic Potential. Vaccines, 2021, 9, 347.	4.4	5
40	Homologs of Human Dengue-Resistance Genes, FKBP1B and ATCAY, Confer Antiviral Resistance in Aedes aegypti Mosquitoes. Insects, 2019, 10, 46.	2.2	4
41	Transcriptome of the Aedes aegypti Mosquito in Response to Human Complement Proteins. International Journal of Molecular Sciences, 2020, 21, 6584.	4.1	4
42	Dengue Virus-2 Infection Affects Fecundity and Elicits Specific Transcriptional Changes in the Ovaries of Aedes aegypti Mosquitoes. Frontiers in Microbiology, 0, 13, .	3.5	4
43	Blood Meals With Active and Heat-Inactivated Serum Modifies the Gene Expression and Microbiome of Aedes albopictus. Frontiers in Microbiology, 2021, 12, 724345.	3.5	3
44	Laboratory Findings in Patients with Probable Dengue Diagnosis from an Endemic Area in Colombia in 2018. Viruses, 2021, 13, 1401.	3.3	2
45	Quantification of Antibody-dependent Enhancement of the Zika Virus in Primary Human Cells. Journal of Visualized Experiments, 2019, , .	0.3	1
46	The impact of immunity against mosquito salivary proteins on dengue transmission. Annals of Global Health, 2018, 81, 129.	2.0	0