

Claudia Rckert

List of Publications by Year in Descending Order

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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.

26
papers

1,194
citations

18
h-index

31
g-index

31
ext. papers

1,513
ext. citations

7
avg, IF

4.36
L-index

#	Paper	IF	Citations
26	Impact of extrinsic incubation temperature on natural selection during Zika virus infection of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009433	7.6	4
25	Comparison of Chikungunya Virus and Zika Virus Replication and Transmission Dynamics in Mosquitoes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 869-875	3.2	8
24	Arbovirus coinfection and co-transmission: A neglected public health concern?. <i>PLoS Biology</i> , 2019 , 17, e3000130	9.7	63
23	Evaluation of a novel West Nile virus transmission control strategy that targets <i>Culex tarsalis</i> with endectocide-containing blood meals. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007210	4.8	9
22	Small RNA responses of <i>Culex</i> mosquitoes and cell lines during acute and persistent virus infection. <i>Insect Biochemistry and Molecular Biology</i> , 2019 , 109, 13-23	4.5	22
21	Discrete viral E2 lysine residues and scavenger receptor MARCO are required for clearance of circulating alphaviruses. <i>ELife</i> , 2019 , 8,	8.9	10
20	Dengue type 1 viruses circulating in humans are highly infectious and poorly neutralized by human antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 227-232	11.5	35
19	How Do Virus-Mosquito Interactions Lead to Viral Emergence?. <i>Trends in Parasitology</i> , 2018 , 34, 310-321	16.4	47
18	Adventitious viruses persistently infect three commonly used mosquito cell lines. <i>Virology</i> , 2018 , 521, 175-180	3.6	23
17	Variation in competence for ZIKV transmission by <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006599	4.8	25
16	An Immunocompetent Mouse Model of Zika Virus Infection. <i>Cell Host and Microbe</i> , 2018 , 23, 672-685	e6 23.4	129
15	Using barcoded Zika virus to assess virus population structure in vitro and in <i>Aedes aegypti</i> mosquitoes. <i>Virology</i> , 2018 , 521, 138-148	3.6	19
14	Sequential Infection of Mosquitoes with Chikungunya Virus and Zika Virus Enhances Early Zika Virus Transmission. <i>Insects</i> , 2018 , 9,	2.8	19
13	Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	73
12	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. <i>Cell Reports</i> , 2017 , 19, 709-718	10.6	54
11	Impact of simultaneous exposure to arboviruses on infection and transmission by <i>Aedes aegypti</i> mosquitoes. <i>Nature Communications</i> , 2017 , 8, 15412	17.4	117
10	Development and Characterization of Recombinant Virus Generated from a New World Zika Virus Infectious Clone. <i>Journal of Virology</i> , 2017 , 91,	6.6	71

9	American Mosquitoes are Competent Vectors of Zika Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 1338-1340	3.2	30
8	Microscopic Visualisation of Zoonotic Arbovirus Replication in Tick Cell and Organ Cultures Using Semliki Forest Virus Reporter Systems. <i>Veterinary Sciences</i> , 2016 , 3,	2.4	4
7	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005101	4.8	141
6	Transmission bottlenecks and RNAi collectively influence tick-borne flavivirus evolution. <i>Virus Evolution</i> , 2016 , 2, vew033	3.7	27
5	Zika Virus Infection in Mice Causes Panuveitis with Shedding of Virus in Tears. <i>Cell Reports</i> , 2016 , 16, 3208-3218	10.6	197
4	Detection of Langkat virus by TaqMan real-time one-step qRT-PCR method. <i>Scientific Reports</i> , 2015 , 5, 14007	4.9	6
3	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or Anaplasma phagocytophilum Rickettsial Infection. <i>PLoS ONE</i> , 2015 , 10, e0133038 ¹⁸	3.7	18
2	Antiviral responses of arthropod vectors: an update on recent advances. <i>VirusDisease</i> , 2014 , 25, 249-60	3.4	22
1	Coinfection of tick cell lines has variable effects on replication of intracellular bacterial and viral pathogens. <i>Ticks and Tick-borne Diseases</i> , 2014 , 5, 415-22	3.6	10