

# Claudia RÃ¼ckert

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,699  
citations

394286

19  
h-index

526166

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3126  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	11
2	Comparison of Chikungunya Virus and Zika Virus Replication and Transmission Dynamics in <i>Aedes aegypti</i> Mosquitoes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 869-875.	0.6	15
3	Arbovirus coinfection and co-transmission: A neglected public health concern?. <i>PLoS Biology</i> , 2019, 17, e3000130.	2.6	106
4	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.	1.3	12
5	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.	1.2	47
6	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.	3.3	69
7	Discrete viral E2 lysine residues and scavenger receptor MARCO are required for clearance of circulating alphaviruses. <i>ELife</i> , 2019, 8, .	2.8	25
8	How Do Virus-Mosquito Interactions Lead to Viral Emergence?. <i>Trends in Parasitology</i> , 2018, 34, 310-321.	1.5	80
9	Sequential Infection of <i>Aedes aegypti</i> Mosquitoes with Chikungunya Virus and Zika Virus Enhances Early Zika Virus Transmission. <i>Insects</i> , 2018, 9, 177.	1.0	34
10	Adventitious viruses persistently infect three commonly used mosquito cell lines. <i>Virology</i> , 2018, 521, 175-180.	1.1	29
11	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.	1.3	36
12	An Immunocompetent Mouse Model of Zika Virus Infection. <i>Cell Host and Microbe</i> , 2018, 23, 672-685.e6.	5.1	192
13	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.	1.1	43
14	Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	86
15	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. <i>Cell Reports</i> , 2017, 19, 709-718.	2.9	67
16	Impact of simultaneous exposure to arboviruses on infection and transmission by <i>Aedes aegypti</i> mosquitoes. <i>Nature Communications</i> , 2017, 8, 15412.	5.8	164
17	Development and Characterization of Recombinant Virus Generated from a New World Zika Virus Infectious Clone. <i>Journal of Virology</i> , 2017, 91, .	1.5	91
18	American <i>Aedes vexans</i> Mosquitoes are Competent Vectors of Zika Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1338-1340.	0.6	44

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19	Microscopic Visualisation of Zoonotic Arbovirus Replication in Tick Cell and Organ Cultures Using Semliki Forest Virus Reporter Systems. <i>Veterinary Sciences</i> , 2016, 3, 28.	0.6	6
20	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005101.	1.3	172
21	Transmission bottlenecks and RNAi collectively influence tick-borne flavivirus evolution. <i>Virus Evolution</i> , 2016, 2, vew033.	2.2	35
22	Zika Virus Infection in Mice Causes Panuveitis with Shedding of Virus in Tears. <i>Cell Reports</i> , 2016, 16, 3208-3218.	2.9	243
23	Detection of Langkat virus by TaqMan real-time one-step qRT-PCR method. <i>Scientific Reports</i> , 2015, 5, 14007.	1.6	8
24	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or <i>Anaplasma phagocytophilum</i> Rickettsial Infection. <i>PLoS ONE</i> , 2015, 10, e0133038.	1.1	23
25	Antiviral responses of arthropod vectors: an update on recent advances. <i>VirusDisease</i> , 2014, 25, 249-260.	1.0	32
26	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, 415-422.	1.1	13