Claudia Rückert

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Impact of extrinsic incubation temperature on natural selection during Zika virus infection of Aedes aegypti and Aedes albopictus. PLoS Pathogens, 2021, 17, e1009433.	4.7	11
2	Comparison of Chikungunya Virus and Zika Virus Replication and Transmission Dynamics in Aedes aegypti Mosquitoes. American Journal of Tropical Medicine and Hygiene, 2020, 103, 869-875.	1.4	15
3	Arbovirus coinfection and co-transmission: A neglected public health concern?. PLoS Biology, 2019, 17, e3000130.	5.6	106
4	Evaluation of a novel West Nile virus transmission control strategy that targets Culex tarsalis with endectocide-containing blood meals. PLoS Neglected Tropical Diseases, 2019, 13, e0007210.	3.0	12
5	Small RNA responses of Culex mosquitoes and cell lines during acute and persistent virus infection. Insect Biochemistry and Molecular Biology, 2019, 109, 13-23.	2.7	47
6	Dengue type 1 viruses circulating in humans are highly infectious and poorly neutralized by human antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 227-232.	7.1	69
7	Discrete viral E2 lysine residues and scavenger receptor MARCO are required for clearance of circulating alphaviruses. ELife, 2019, 8, .	6.0	25
8	How Do Virus–Mosquito Interactions Lead to Viral Emergence?. Trends in Parasitology, 2018, 34, 310-321.	3.3	80
9	Sequential Infection of Aedes aegypti Mosquitoes with Chikungunya Virus and Zika Virus Enhances Early Zika Virus Transmission. Insects, 2018, 9, 177.	2.2	34
10	Adventitious viruses persistently infect three commonly used mosquito cell lines. Virology, 2018, 521, 175-180.	2.4	29
11	Variation in competence for ZIKV transmission by Aedes aegypti and Aedes albopictus in Mexico. PLoS Neglected Tropical Diseases, 2018, 12, e0006599.	3.0	36
12	An Immunocompetent Mouse Model of Zika Virus Infection. Cell Host and Microbe, 2018, 23, 672-685.e6.	11.0	192
13	Using barcoded Zika virus to assess virus population structure in vitro and in Aedes aegypti mosquitoes. Virology, 2018, 521, 138-148.	2.4	43
14	Rapid and specific detection of Asian- and African-lineage Zika viruses. Science Translational Medicine, 2017, 9, .	12.4	86
15	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. Cell Reports, 2017, 19, 709-718.	6.4	67
16	Impact of simultaneous exposure to arboviruses on infection and transmission by Aedes aegypti mosquitoes. Nature Communications, 2017, 8, 15412.	12.8	164
17	Development and Characterization of Recombinant Virus Generated from a New World Zika Virus Infectious Clone. Journal of Virology, 2017, 91,	3.4	91
18	American Aedes vexans Mosquitoes are Competent Vectors of Zika Virus. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1338-1340.	1.4	44

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19	Microscopic Visualisation of Zoonotic Arbovirus Replication in Tick Cell and Organ Cultures Using Semliki Forest Virus Reporter Systems. Veterinary Sciences, 2016, 3, 28.	1.7	6
20	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0005101.	3.0	172
21	Transmission bottlenecks and RNAi collectively influence tick-borne flavivirus evolution. Virus Evolution, 2016, 2, vew033.	4.9	35
22	Zika Virus Infection in Mice Causes Panuveitis with Shedding of Virus in Tears. Cell Reports, 2016, 16, 3208-3218.	6.4	243
23	Detection of Langat virus by TaqMan real-time one-step qRT-PCR method. Scientific Reports, 2015, 5, 14007.	3.3	8
24	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or Anaplasma phagocytophilum Rickettsial Infection. PLoS ONE, 2015, 10, e0133038.	2.5	23
25	Antiviral responses of arthropod vectors: an update on recent advances. VirusDisease, 2014, 25, 249-260.	2.0	32
26	Coinfection of tick cell lines has variable effects on replication of intracellular bacterial and viral pathogens. Ticks and Tick-borne Diseases, 2014, 5, 415-422.	2.7	13