

Rebecca R Rico-Hesse

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,271
citations

117625

34
h-index

206112

48
g-index

51
all docs

51
docs citations

51
times ranked

5492
citing authors

#	ARTICLE	IF	CITATIONS
1	Origins of Dengue Type 2 Viruses Associated with Increased Pathogenicity in the Americas. <i>Virology</i> , 1997, 230, 244-251.	2.4	557
2	ICTV Virus Taxonomy Profile: Flaviviridae. <i>Journal of General Virology</i> , 2017, 98, 2-3.	2.9	537
3	Dengue Virus Structural Differences That Correlate with Pathogenesis. <i>Journal of Virology</i> , 1999, 73, 4738-4747.	3.4	504
4	Molecular evolution and distribution of dengue viruses type 1 and 2 in nature. <i>Virology</i> , 1990, 174, 479-493.	2.4	488
5	Geographic distribution of wild poliovirus type 1 genotypes. <i>Virology</i> , 1987, 160, 311-322.	2.4	352
6	Microevolution and virulence of dengue viruses. <i>Advances in Virus Research</i> , 2003, 59, 315-341.	2.1	313
7	Proposed revision to the taxonomy of the genus Pestivirus, family Flaviviridae. <i>Journal of General Virology</i> , 2017, 98, 2106-2112.	2.9	264
8	Re-emergence of epidemic Venezuelan equine encephalomyelitis in South America. <i>Lancet, The</i> , 1996, 348, 436-440.	13.7	259
9	Structure and Function Analysis of Therapeutic Monoclonal Antibodies against Dengue Virus Type 2. <i>Journal of Virology</i> , 2010, 84, 9227-9239.	3.4	189
10	Selection for Virulent Dengue Viruses Occurs in Humans and Mosquitoes. <i>Journal of Virology</i> , 2005, 79, 853-859.	3.4	184
11	Mosquito Bite Delivery of Dengue Virus Enhances Immunogenicity and Pathogenesis in Humanized Mice. <i>Journal of Virology</i> , 2012, 86, 7637-7649.	3.4	175
12	American Genotype Structures Decrease Dengue Virus Output from Human Monocytes and Dendritic Cells. <i>Journal of Virology</i> , 2003, 77, 3929-3938.	3.4	163
13	AEDES AEGYPTI VECTORIAL CAPACITY IS DETERMINED BY THE INFECTING GENOTYPE OF DENGUE VIRUS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 886-892.	1.4	149
14	Dengue Fever in Humanized NOD/SCID Mice. <i>Journal of Virology</i> , 2005, 79, 13797-13799.	3.4	147
15	Proposed update to the taxonomy of the genera Hepacivirus and Pegivirus within the Flaviviridae family. <i>Journal of General Virology</i> , 2016, 97, 2894-2907.	2.9	139
16	A new Genotype of Japanese Encephalitis Virus from Indonesia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1992, 47, 61-69.	1.4	128
17	EFFICIENCY OF DENGUE SEROTYPE 2 VIRUS STRAINS TO INFECT AND DISSEMINATE IN AEDES AEGYPTI. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 68, 539-544.	1.4	120
18	Differential Susceptibility of <i>Aedes aegypti</i> to Infection by the American and Southeast Asian Genotypes of Dengue Type 2 Virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2001, 1, 159-168.	1.5	117

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19	Humanized Mice Show Clinical Signs of Dengue Fever according to Infecting Virus Genotype. <i>Journal of Virology</i> , 2009, 83, 8638-8645.	3.4	117
20	Primary Human Placental Trophoblasts are Permissive for Zika Virus (ZIKV) Replication. <i>Scientific Reports</i> , 2017, 7, 41389.	3.3	114
21	<i>Aedes aegypti</i> vectorial capacity is determined by the infecting genotype of dengue virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 886-92.	1.4	94
22	Dengue Virus Evolution and Virulence Models. <i>Clinical Infectious Diseases</i> , 2007, 44, 1462-1466.	5.8	92
23	Phylogenetic analysis of alphaviruses in the venezuelan equine encephalitis complex and identification of the source of epizootic viruses. <i>Virology</i> , 1992, 191, 282-290.	2.4	86
24	Discovery, X-ray Crystallography and Antiviral Activity of Allosteric Inhibitors of Flavivirus NS2B-NS3 Protease. <i>Journal of the American Chemical Society</i> , 2019, 141, 6832-6836.	13.7	83
25	Molecular evolution of eastern equine encephalomyelitis virus in North America. <i>Virology</i> , 1991, 182, 774-784.	2.4	80
26	Models of dengue virus infection. <i>Drug Discovery Today: Disease Models</i> , 2006, 3, 97-103.	1.2	74
27	Dengue Virus Tropism in Humanized Mice Recapitulates Human Dengue Fever. <i>PLoS ONE</i> , 2011, 6, e20762.	2.5	73
28	High Genetic Divergence and Recombination in Arenaviruses from the Americas. <i>Virology</i> , 2002, 304, 274-281.	2.4	72
29	Mosquito saliva alone has profound effects on the human immune system. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006439.	3.0	71
30	Report of an NIAID workshop on dengue animal models. <i>Vaccine</i> , 2010, 28, 4229-4234.	3.8	65
31	Genetic Characterization and Phylogeny of Sabiã Virus, an Emergent Pathogen in Brazil. <i>Virology</i> , 1996, 221, 318-324.	2.4	54
32	Dengue viruses infect human megakaryocytes, with probable clinical consequences. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007837.	3.0	51
33	Hepadnavirus Infection in Captive Gibbons. <i>Journal of Virology</i> , 2000, 74, 2955-2959.	3.4	39
34	Recombination and flavivirus vaccines: a commentary. <i>Vaccine</i> , 2005, 23, 2956-2958.	3.8	37
35	Replication of Zika Virus in Human Prostate Cells: A Potential Source of Sexually Transmitted Virus. <i>Journal of Infectious Diseases</i> , 2018, 217, 538-547.	4.0	35
36	Variation in Vector Competence for Dengue Viruses Does Not Depend on Mosquito Midgut Binding Affinity. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1172.	3.0	34

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37	Genetic Variation of Venezuelan Equine Encephalitis Virus Strains of the ID Variety in Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1988, 38, 195-204.	1.4	34
38	Sylvatic Dengue Viruses Share the Pathogenic Potential of Urban/Endemic Dengue Viruses. <i>Journal of Virology</i> , 2010, 84, 3726-3728.	3.4	24
39	Synthesis, Structure–Activity Relationships, and Antiviral Activity of Allosteric Inhibitors of Flavivirus NS2B–NS3 Protease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2777-2800.	6.4	24
40	Characterization of a Zika Virus Isolate from Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005019.	3.0	24
41	Monoclonal Antibodies Define Antigenic Variation in the ID Variety of Venezuelan Equine Encephalitis Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 1988, 38, 187-194.	1.4	24
42	Molecular Phylogeny of Guanarito Virus, an Emerging Arenavirus Affecting Humans. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 53, 1-6.	1.4	24
43	Dengue virus markers of virulence and pathogenicity. <i>Future Virology</i> , 2009, 4, 581-589.	1.8	21
44	Molecular Epidemiology of Wild Poliovirus Transmission. , 1990, , 199-221.		12
45	Mosquito-bite infection of humanized mice with chikungunya virus produces systemic disease with long-term effects. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009427.	3.0	11
46	Venezuelan Equine Encephalomyelitis. <i>Veterinary Clinics of North America Equine Practice</i> , 2000, 16, 553-563.	0.7	7
47	Phylogenetic analysis of the envelope protein (domain III) of dengue 4 viruses. <i>Salud Publica De Mexico</i> , 2002, 44, 228-236.	0.4	5
48	IP-10 and CXCR3 signaling inhibit Zika virus replication in human prostate cells. <i>PLoS ONE</i> , 2020, 15, e0244587.	2.5	3
49	Viral evolution and epidemiology. <i>Current Opinion in Infectious Diseases</i> , 1997, 10, 367-371.	3.1	2
50	Editorial Overview: Virus–vector interactions. <i>Current Opinion in Virology</i> , 2016, 21, v-vi.	5.4	0