

# Rebecca R Rico-Hesse

## List of Publications by Citations

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49  
papers

4,936  
citations

33  
h-index

51  
g-index

51  
ext. papers

5,525  
ext. citations

5.5  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
49	Origins of dengue type 2 viruses associated with increased pathogenicity in the Americas. <i>Virology</i> , <b>1997</b> , 230, 244-51	3.6	458
48	Dengue virus structural differences that correlate with pathogenesis. <i>Journal of Virology</i> , <b>1999</b> , 73, 4738-47	4.7	431
47	Molecular evolution and distribution of dengue viruses type 1 and 2 in nature. <i>Virology</i> , <b>1990</b> , 174, 479-93	3.6	391
46	ICTV Virus Taxonomy Profile: Flaviviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 2-3	4.9	332
45	Geographic distribution of wild poliovirus type 1 genotypes. <i>Virology</i> , <b>1987</b> , 160, 311-22	3.6	290
44	Microevolution and virulence of dengue viruses. <i>Advances in Virus Research</i> , <b>2003</b> , 59, 315-41	10.7	258
43	Re-emergence of epidemic Venezuelan equine encephalomyelitis in South America. VEE Study Group. <i>Lancet, The</i> , <b>1996</b> , 348, 436-40	4.0	207
42	Proposed revision to the taxonomy of the genus Pestivirus, family Flaviviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 2106-2112	4.9	174
41	Structure and function analysis of therapeutic monoclonal antibodies against dengue virus type 2. <i>Journal of Virology</i> , <b>2010</b> , 84, 9227-39	6.6	170
40	Selection for virulent dengue viruses occurs in humans and mosquitoes. <i>Journal of Virology</i> , <b>2005</b> , 79, 853-9	6.6	154
39	American genotype structures decrease dengue virus output from human monocytes and dendritic cells. <i>Journal of Virology</i> , <b>2003</b> , 77, 3929-38	6.6	142
38	Mosquito bite delivery of dengue virus enhances immunogenicity and pathogenesis in humanized mice. <i>Journal of Virology</i> , <b>2012</b> , 86, 7637-49	6.6	137
37	Dengue fever in humanized NOD/SCID mice. <i>Journal of Virology</i> , <b>2005</b> , 79, 13797-9	6.6	135
36	AEDES AEGYPTI VECTORIAL CAPACITY IS DETERMINED BY THE INFECTING GENOTYPE OF DENGUE VIRUS. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2006</b> , 75, 886-892	3.2	118
35	Humanized mice show clinical signs of dengue fever according to infecting virus genotype. <i>Journal of Virology</i> , <b>2009</b> , 83, 8638-45	6.6	105
34	Proposed update to the taxonomy of the genera Hepacivirus and Pegivirus within the Flaviviridae family. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2894-2907	4.9	103
33	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> , <b>2001</b> , 1, 159-68	2.4	102

32	Efficiency of dengue serotype 2 virus strains to infect and disseminate in <i>Aedes aegypti</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 539-44	3.2	101
31	A new genotype of Japanese encephalitis virus from Indonesia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1992</b> , 47, 61-9	3.2	91
30	<i>Aedes aegypti</i> vectorial capacity is determined by the infecting genotype of dengue virus. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2006</b> , 75, 886-92	3.2	85
29	Primary Human Placental Trophoblasts are Permissive for Zika Virus (ZIKV) Replication. <i>Scientific Reports</i> , <b>2017</b> , 7, 41389	4.9	82
28	Dengue virus evolution and virulence models. <i>Clinical Infectious Diseases</i> , <b>2007</b> , 44, 1462-6	11.6	73
27	High genetic divergence and recombination in Arenaviruses from the Americas. <i>Virology</i> , <b>2002</b> , 304, 274-86	3.6	70
26	Dengue virus tropism in humanized mice recapitulates human dengue fever. <i>PLoS ONE</i> , <b>2011</b> , 6, e20762	3.7	66
25	Phylogenetic analysis of alphaviruses in the Venezuelan equine encephalitis complex and identification of the source of epizootic viruses. <i>Virology</i> , <b>1992</b> , 191, 282-90	3.6	64
24	Models of dengue virus infection. <i>Drug Discovery Today: Disease Models</i> , <b>2006</b> , 3, 97-103	1.3	62
23	Molecular evolution of eastern equine encephalomyelitis virus in North America. <i>Virology</i> , <b>1991</b> , 182, 774-84	3.6	61
22	Report of an NIAID workshop on dengue animal models. <i>Vaccine</i> , <b>2010</b> , 28, 4229-34	4.1	54
21	Discovery, X-ray Crystallography and Antiviral Activity of Allosteric Inhibitors of Flavivirus NS2B-NS3 Protease. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6832-6836	16.4	48
20	Genetic characterization and phylogeny of Sabiá Virus, an emergent pathogen in Brazil. <i>Virology</i> , <b>1996</b> , 221, 318-24	3.6	45
19	Hepadnavirus infection in captive gibbons. <i>Journal of Virology</i> , <b>2000</b> , 74, 2955-9	6.6	38
18	Mosquito saliva alone has profound effects on the human immune system. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006439	4.8	37
17	Recombination and flavivirus vaccines: a commentary. <i>Vaccine</i> , <b>2005</b> , 23, 2956-8	4.1	34
16	Variation in vector competence for dengue viruses does not depend on mosquito midgut binding affinity. <i>PLoS Neglected Tropical Diseases</i> , <b>2011</b> , 5, e1172	4.8	27
15	Genetic variation of Venezuelan equine encephalitis virus strains of the ID variety in Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1988</b> , 38, 195-204	3.2	27

14	Replication of Zika Virus in Human Prostate Cells: A Potential Source of Sexually Transmitted Virus. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 538-547	7	25
13	Dengue viruses infect human megakaryocytes, with probable clinical consequences. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007837	4.8	23
12	Sylvatic dengue viruses share the pathogenic potential of urban/endemic dengue viruses. <i>Journal of Virology</i> , <b>2010</b> , 84, 3726-7; author reply 3727-8	6.6	20
11	Dengue virus markers of virulence and pathogenicity. <i>Future Virology</i> , <b>2009</b> , 4, 581	2.4	19
10	Characterization of a Zika Virus Isolate from Colombia. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005089	4.8	19
9	Molecular Phylogeny of Guanarito Virus, an Emerging Arenavirus Affecting Humans. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1995</b> , 53, 1-6	3.2	18
8	Monoclonal antibodies define antigenic variation in the ID variety of Venezuelan equine encephalitis virus. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1988</b> , 38, 187-94	3.2	14
7	Synthesis, Structure-Activity Relationships, and Antiviral Activity of Allosteric Inhibitors of Flavivirus NS2B-NS3 Protease. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 2777-2800	8.3	8
6	Venezuelan equine encephalomyelitis. <i>Veterinary Clinics of North America Equine Practice</i> , <b>2000</b> , 16, 553-63	6.3	6
5	Molecular Epidemiology of Wild Poliovirus Transmission <b>1990</b> , 199-221		6
4	Viral evolution and epidemiology. <i>Current Opinion in Infectious Diseases</i> , <b>1997</b> , 10, 367-371	5.4	2
3	Phylogenetic analysis of the envelope protein (domain III) of dengue 4 viruses. <i>Salud Publica De Mexico</i> , <b>2002</b> , 44, 228-36	1.7	2
2	Mosquito-bite infection of humanized mice with chikungunya virus produces systemic disease with long-term effects. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009427	4.8	2
1	IP-10 and CXCR3 signaling inhibit Zika virus replication in human prostate cells. <i>PLoS ONE</i> , <b>2020</b> , 15, e0244587	4.7	0