

# Jayna Raghwani

## List of Publications by Citations

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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.

38

papers

3,605

citations

18

h-index

47

g-index

47

ext. papers

4,543

ext. citations

12.8

avg, IF

4.62

L-index

#	Paper	IF	Citations
38	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , <b>2009</b> , 459, 1122-5	50.4	1535
37	Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. <i>Cell</i> , <b>2021</b> , 184, 64-75.e11	56.2	518
36	Establishment and cryptic transmission of Zika virus in Brazil and the Americas. <i>Nature</i> , <b>2017</b> , 546, 406-413	50.4	366
35	Genomic Epidemiology of SARS-CoV-2 in Guangdong Province, China. <i>Cell</i> , <b>2020</b> , 181, 997-1003.e9	56.2	175
34	Vulnerabilities in coronavirus glycan shields despite extensive glycosylation. <i>Nature Communications</i> , <b>2020</b> , 11, 2688	17.4	174
33	Establishment and lineage dynamics of the SARS-CoV-2 epidemic in the UK. <i>Science</i> , <b>2021</b> , 371, 708-712	33.3	159
32	Endemic dengue associated with the co-circulation of multiple viral lineages and localized density-dependent transmission. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002064	7.6	74
31	Structure of the Lassa virus glycan shield provides a model for immunological resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 7320-7325	11.5	62
30	Phylogeography and epidemic history of hepatitis C virus genotype 4 in Africa. <i>Virology</i> , <b>2014</b> , 464-465, 233-243	3.6	57
29	Genome-wide evolutionary dynamics of influenza B viruses on a global scale. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006749	7.6	55
28	The Evolution and Transmission of Epidemic GII.17 Noroviruses. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 556-64	7	50
27	Origin and evolution of the unique hepatitis C virus circulating recombinant form 2k/1b. <i>Journal of Virology</i> , <b>2012</b> , 86, 2212-20	6.6	46
26	A Molecular-Level Account of the Antigenic Hantaviral Surface. <i>Cell Reports</i> , <b>2016</b> , 15, 959-967	10.6	39
25	A Protective Monoclonal Antibody Targets a Site of Vulnerability on the Surface of Rift Valley Fever Virus. <i>Cell Reports</i> , <b>2018</b> , 25, 3750-3758.e4	10.6	29
24	Exceptional Heterogeneity in Viral Evolutionary Dynamics Characterises Chronic Hepatitis C Virus Infection. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005894	7.6	25
23	Distinct rates and patterns of spread of the major HIV-1 subtypes in Central and East Africa. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007976	7.6	25
22	Effect of Live Poultry Market Interventions on Influenza A(H7N9) Virus, Guangdong, China. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 2104-2112	10.2	22

21	Molecular Evolution, Diversity, and Adaptation of Influenza A(H7N9) Viruses in China. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1795-1805	10.2	22
20	Intercontinental dispersal of HIV-1 subtype B associated with transmission among men who have sex with men in Japan. <i>Journal of Virology</i> , <b>2014</b> , 88, 9864-76	6.6	18
19	Transmission of hepatitis C virus infection among younger and older people who inject drugs in Vancouver, Canada. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1247-55	13.4	18
18	Role of HIV-specific CD8 T cells in pediatric HIV cure strategies after widespread early viral escape. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 3239-3261	16.6	15
17	Evolution of HIV-1 within untreated individuals and at the population scale in Uganda. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007167	7.6	15
16	Where do all the subtypes go? Temporal dynamics of H8-H12 influenza A viruses in waterfowl. <i>Virus Evolution</i> , <b>2018</b> , 4, vey025	3.7	14
15	Occurrence and reassortment of avian influenza A (H7N9) viruses derived from coinfecting birds in China. <i>Journal of Virology</i> , <b>2014</b> , 88, 13344-51	6.6	13
14	Characterization of Hepatitis C Virus (HCV) Envelope Diversification from Acute to Chronic Infection within a Sexually Transmitted HCV Cluster by Using Single-Molecule, Real-Time Sequencing. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	12
13	Selection on non-antigenic gene segments of seasonal influenza A virus and its impact on adaptive evolution. <i>Virus Evolution</i> , <b>2017</b> , 3, vex034	3.7	8
12	Coalescent Inference Using Serially Sampled, High-Throughput Sequencing Data from Intrahost HIV Infection. <i>Genetics</i> , <b>2016</b> , 202, 1449-72	4	8
11	High-Resolution Evolutionary Analysis of Within-Host Hepatitis C Virus Infection. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1722-1729	7	8
10	Link between the numbers of particles and variants founding new HIV-1 infections depends on the timing of transmission. <i>Virus Evolution</i> , <b>2019</b> , 5, vey038	3.7	6
9	Venue-Based Networks May Underpin HCV Transmissions amongst HIV-Infected Gay and Bisexual Men. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162002	3.7	6
8	Faster Adaptation in Smaller Populations: Counterintuitive Evolution of HIV during Childhood Infection. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004694	5	6
7	Purifying selection determines the short-term time dependency of evolutionary rates in SARS-CoV-2 and pH1N1 influenza.. <i>Molecular Biology and Evolution</i> , <b>2022</b> ,	8.3	5
6	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. <b>2021</b> ,		3
5	Genomic epidemiology of early SARS-CoV-2 transmission dynamics in Gujarat, India		2
4	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. <b>2021</b> ,		2

3	A de novo approach to inferring within-host fitness effects during untreated HIV-1 infection. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008171	7.6	1
2	Purifying selection determines the short-term time dependency of evolutionary rates in SARS-CoV-2 and pH1N1 influenza		1
1	Discovery of a Novel Coronavirus in Swedish Bank Voles ( <i>Myodes glareolus</i> ). <i>Viruses</i> , <b>2022</b> , 14, 1205	6.2	0