

# Dawn M Dudley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7628591/publications.pdf>

Version: 2024-02-01

39  
papers

2,576  
citations

430754

18  
h-index

454834

30  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid, Low-Cost Detection of Zika Virus Using Programmable Biomolecular Components. <i>Cell</i> , 2016, 165, 1255-1266.	13.5	1,061
2	A rhesus macaque model of Asian-lineage Zika virus infection. <i>Nature Communications</i> , 2016, 7, 12204.	5.8	353
3	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , 2017, 13, e1006378.	2.1	201
4	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005168.	1.3	125
5	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. <i>PLoS ONE</i> , 2018, 13, e0190617.	1.1	89
6	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 2096.	5.8	87
7	Miscarriage and stillbirth following maternal Zika virus infection in nonhuman primates. <i>Nature Medicine</i> , 2018, 24, 1104-1107.	15.2	85
8	Low-Cost Ultra-Wide Genotyping Using Roche/454 Pyrosequencing for Surveillance of HIV Drug Resistance. <i>PLoS ONE</i> , 2012, 7, e36494.	1.1	75
9	Oropharyngeal mucosal transmission of Zika virus in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 169.	5.8	49
10	Antibody Responses to Zika Virus Infections in Environments of Flavivirus Endemicity. <i>Vaccine Journal</i> , 2017, 24, .	3.2	48
11	Primary infection with dengue or Zika virus does not affect the severity of heterologous secondary infection in macaques. <i>PLoS Pathogens</i> , 2019, 15, e1007766.	2.1	46
12	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019, 216, 2302-2315.	4.2	41
13	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , 2018, 14, e1006964.	2.1	38
14	Optimizing direct RT-LAMP to detect transmissible SARS-CoV-2 from primary nasopharyngeal swab samples. <i>PLoS ONE</i> , 2020, 15, e0244882.	1.1	35
15	Cross-clade simultaneous HIV drug resistance genotyping for reverse transcriptase, protease, and integrase inhibitor mutations by Illumina MiSeq. <i>Retrovirology</i> , 2014, 11, 122.	0.9	32
16	Oil immersed lossless total analysis system for integrated RNA extraction and detection of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 4317.	5.8	28
17	Using Macaques to Address Critical Questions in Zika Virus Research. <i>Annual Review of Virology</i> , 2019, 6, 481-500.	3.0	27
18	African-Lineage Zika Virus Replication Dynamics and Maternal-Fetal Interface Infection in Pregnant Rhesus Macaques. <i>Journal of Virology</i> , 2021, 95, e0222020.	1.5	26

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19	Previous exposure to dengue virus is associated with increased Zika virus burden at the maternal-fetal interface in rhesus macaques. PLoS Neglected Tropical Diseases, 2021, 15, e0009641.	1.3	20
20	Quantitative definition of neurobehavior, vision, hearing and brain volumes in macaques congenitally exposed to Zika virus. PLoS ONE, 2020, 15, e0235877.	1.1	16
21	Antibody responses to Zika virus proteins in pregnant and non-pregnant macaques. PLoS Neglected Tropical Diseases, 2018, 12, e0006903.	1.3	15
22	Full-length novel MHC class I allele discovery by next-generation sequencing: two platforms are better than one. Immunogenetics, 2014, 66, 15-24.	1.2	13
23	High-Throughput Identification of MHC Class I Binding Peptides Using an Ultradense Peptide Array. Journal of Immunology, 2020, 204, 1689-1696.	0.4	13
24	Initial Evaluation of a Mobile SARS-CoV-2 RT-LAMP Testing Strategy. Journal of Biomolecular Techniques, 2021, 32, 137-147.	0.8	11
25	Early Embryonic Loss Following Intravaginal Zika Virus Challenge in Rhesus Macaques. Frontiers in Immunology, 2021, 12, 686437.	2.2	9
26	Long-Term Protection of Rhesus Macaques from Zika Virus Reinfection. Journal of Virology, 2020, 94, .	1.5	7
27	First Complete Genome Sequence of a Simian Foamy Virus Infecting the Neotropical Primate Brachyteles arachnoides. Microbiology Resource Announcements, 2018, 7, .	0.3	5
28	Restricted MHC class I A locus diversity in olive and hybrid olive/yellow baboons from the Southwest National Primate Research Center. Immunogenetics, 2018, 70, 449-458.	1.2	4
29	Human immune globulin treatment controls Zika viremia in pregnant rhesus macaques. PLoS ONE, 2022, 17, e0266664.	1.1	4
30	Ribonuclease zymogen induces cytotoxicity upon HIV-1 infection. AIDS Research and Therapy, 2021, 18, 77.	0.7	1
31	Development of a Qualitative Quantitative Polymerase Chain Reaction Test to Identify Patients Failing First-Line Therapy to Non-Nucleotide Reverse Transcriptase Inhibitor. AIDS Research and Human Retroviruses, 2017, 33, 386-394.	0.5	0
32	Title is missing!. , 2020, 15, e0235877.		0
33	Title is missing!. , 2020, 15, e0235877.		0
34	Title is missing!. , 2020, 15, e0235877.		0
35	Title is missing!. , 2020, 15, e0235877.		0
36	Title is missing!. , 2020, 15, e0244882.		0

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37	Title is missing!. , 2020, 15, e0244882.		0
38	Title is missing!. , 2020, 15, e0244882.		0
39	Title is missing!. , 2020, 15, e0244882.		0