

Kristen A Bernard

List of Publications by Year in descending order

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49
papers

3,576
citations

172207

29
h-index

197535

49
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all docs

49
docs citations

49
times ranked

4001
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Function of Flavivirus NS5 Methyltransferase. <i>Journal of Virology</i> , 2007, 81, 3891-3903.	1.5	324
2	An adenosine nucleoside inhibitor of dengue virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20435-20439.	3.3	323
3	GENETIC AND PHENOTYPIC VARIATION OF WEST NILE VIRUS IN NEW YORK, 2000-2003. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 493-500.	0.6	219
4	Mosquitoes Inoculate High Doses of West Nile Virus as They Probe and Feed on Live Hosts. <i>PLoS Pathogens</i> , 2007, 3, e132.	2.1	217
5	Infectious cDNA Clone of the Epidemic West Nile Virus from New York City. <i>Journal of Virology</i> , 2002, 76, 5847-5856.	1.5	189
6	Genetic variation in West Nile virus from naturally infected mosquitoes and birds suggests quasispecies structure and strong purifying selection. <i>Journal of General Virology</i> , 2005, 86, 2175-2183.	1.3	177
7	Functional Analysis of Mosquito-Borne Flavivirus Conserved Sequence Elements within 3' UTR of West Nile Virus by Use of a Reporting Replicon That Differentiates between Viral Translation and RNA Replication. <i>Journal of Virology</i> , 2003, 77, 10004-10014.	1.5	165
8	Mosquito Saliva Causes Enhancement of West Nile Virus Infection in Mice. <i>Journal of Virology</i> , 2011, 85, 1517-1527.	1.5	159
9	Genetic and phenotypic variation of West Nile virus in New York, 2000-2003. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 493-500.	0.6	141
10	The West Nile virus mutant spectrum is host-dependant and a determinant of mortality in mice. <i>Virology</i> , 2007, 360, 469-476.	1.1	104
11	West Nile Virus Infection in Birds and Mammals. <i>Annals of the New York Academy of Sciences</i> , 2001, 951, 84-93.	1.8	103
12	Keratinocytes Are Cell Targets of West Nile Virus <i>In Vivo</i> . <i>Journal of Virology</i> , 2011, 85, 5197-5201.	1.5	102
13	Persistence of West Nile Virus in the Central Nervous System and Periphery of Mice. <i>PLoS ONE</i> , 2010, 5, e10649.	1.1	97
14	In Vitro Resistance Selection and In Vivo Efficacy of Morpholino Oligomers against West Nile Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2470-2482.	1.4	86
15	A Hypervariable Region within the 3' cis-Acting Element of the Murine Coronavirus Genome Is Nonessential for RNA Synthesis but Affects Pathogenesis. <i>Journal of Virology</i> , 2007, 81, 1274-1287.	1.5	84
16	Exclusion of West Nile Virus Superinfection through RNA Replication. <i>Journal of Virology</i> , 2009, 83, 11765-11776.	1.5	84
17	Virus Detection Protocols for West Nile Virus in Vertebrate and Mosquito Specimens. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3661-3667.	1.8	79
18	Declining Growth Rate of West Nile Virus in North America. <i>Journal of Virology</i> , 2007, 81, 2531-2534.	1.5	73

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19	Tissue tropism and neuroinvasion of West Nile virus do not differ for two mouse strains with different survival rates. <i>Virology</i> , 2007, 368, 422-430.	1.1	70
20	West Nile Virus Activity in the United States, 2001. <i>Viral Immunology</i> , 2001, 14, 319-338.	0.6	66
21	Mice Susceptible to SARS Coronavirus. <i>Emerging Infectious Diseases</i> , 2004, 10, 1293-1296.	2.0	59
22	Influenza virus recruits host protein kinase C to control assembly and activity of its replication machinery. <i>ELife</i> , 2017, 6, .	2.8	57
23	Induction of Sterilizing Immunity against West Nile Virus (WNV), by Immunization with WNV-Like Particles Produced in Insect Cells. <i>Journal of Infectious Diseases</i> , 2004, 190, 2104-2108.	1.9	51
24	Molecular Epidemiology of Eastern Equine Encephalitis Virus, New York. <i>Emerging Infectious Diseases</i> , 2008, 14, 454-460.	2.0	51
25	West Nile virus in the western hemisphere. <i>Current Opinion in Infectious Diseases</i> , 2001, 14, 519-525.	1.3	43
26	Growth and adaptation of Zika virus in mammalian and mosquito cells. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006880.	1.3	42
27	Enhanced early West Nile virus infection in young chickens infected by mosquito bite: effect of viral dose. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 337-45.	0.6	42
28	WEST NILE VIRUS SURVEILLANCE IN MOSQUITOES IN NEW YORK STATE, 2000-2004. <i>Journal of the American Mosquito Control Association</i> , 2006, 22, 264-271.	0.2	39
29	Parameters of Mosquito-Enhanced West Nile Virus Infection. <i>Journal of Virology</i> , 2016, 90, 292-299.	1.5	34
30	An Attenuating Mutation in nsP1 of the Sindbis-Group Virus S.A.AR86 Accelerates Nonstructural Protein Processing and Up-Regulates Viral 26S RNA Synthesis. <i>Journal of Virology</i> , 2003, 77, 1149-1156.	1.5	30
31	A Universal Next-Generation Sequencing Protocol To Generate Noninfectious Barcoded cDNA Libraries from High-Containment RNA Viruses. <i>MSystems</i> , 2016, 1, .	1.7	28
32	Production of immunogenic West Nile virus-like particles using a herpes simplex virus 1 recombinant vector. <i>Virology</i> , 2016, 496, 186-193.	1.1	23
33	A deep insight into the male and female sialotranscriptome of adult <i>Culex tarsalis</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 95, 1-9.	1.2	23
34	Identification of Dengue Virus in Respiratory Specimens from a Patient Who Had Recently Traveled from a Region Where Dengue Virus Infection Is Endemic. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1523-1527.	1.8	22
35	Nonconsensus West Nile Virus Genomes Arising during Mosquito Infection Suppress Pathogenesis and Modulate Virus Fitness <i>In Vivo</i> . <i>Journal of Virology</i> , 2011, 85, 12605-12613.	1.5	21
36	Genomic, Recombinational and Phylogenetic Characterization of Global Feline Herpesvirus 1 Isolates. <i>Virology</i> , 2018, 518, 385-397.	1.1	21

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37	A duplex real-time reverse transcriptase polymerase chain reaction assay for the detection of St. Louis encephalitis and eastern equine encephalitis viruses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 272-279.	0.8	20
38	West Nile virus – an old virus learning new tricks?. <i>Journal of NeuroVirology</i> , 2005, 11, 469-475.	1.0	18
39	Viral pathogenesis in mice is similar for West Nile virus derived from mosquito and mammalian cells. <i>Virology</i> , 2010, 400, 93-103.	1.1	18
40	A duplex real-time reverse transcriptase polymerase chain reaction assay for the detection of California serogroup and Cache Valley viruses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 65, 150-157.	0.8	15
41	A Thiopurine Drug Inhibits West Nile Virus Production in Cell Culture, but Not in Mice. <i>PLoS ONE</i> , 2011, 6, e26697.	1.1	15
42	Bluetongue virus serotype 17 sequence variation associated with neutralization. <i>DNA Sequence</i> , 2008, 19, 237-240.	0.7	11
43	Mosquito cell-derived West Nile virus replicon particles mimic arbovirus inoculum and have reduced spread in mice. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005394.	1.3	10
44	SARS Coronaviruses and Highly Pathogenic Influenza Viruses: Safety and Occupational Health for Laboratory Workers. <i>Emerging Infectious Diseases</i> , 2005, 11, e3-e3.	2.0	6
45	A Complex Neutralization Domain of Bluetongue Virus Serotype 17 Defines a Virulence-Associated Marker. <i>Viral Immunology</i> , 1996, 9, 97-106.	0.6	5
46	Sequence and Cognitive Analyses of Two Virulence-Associated Markers of Bluetongue Virus Serotype 17. <i>Intervirology</i> , 1997, 40, 226-231.	1.2	5
47	West Nile Virus Laboratory Surveillance Program. <i>Annals of the New York Academy of Sciences</i> , 2001, 951, 351-353.	1.8	2
48	Whole-Genome Sequences of Zika Virus FLR Strains after Passage in Vero or C6/36 Cells. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
49	An analysis of co-circulating serotypes for bluetongue-17 virulence markers. <i>Microbial Pathogenesis</i> , 1995, 18, 337-344.	1.3	1