Bradley J Blitvich

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78 papers	2,227 citations	25 h-index	45 g-index
82 ext. papers	2,538 ext. citations	4.2 avg, IF	4.82 L-index

#	Paper	IF	Citations
78	Insect-specific flaviviruses: a systematic review of their discovery, host range, mode of transmission, superinfection exclusion potential and genomic organization. *Viruses*, **2015**, 7, 1927-59	6.2	188
77	A new insect-specific flavivirus from northern Australia suppresses replication of West Nile virus and Murray Valley encephalitis virus in co-infected mosquito cells. *PLoS ONE*, **2013**, 8, e56534	3.7	140
76	NS1Vof flaviviruses in the Japanese encephalitis virus serogroup is a product of ribosomal frameshifting and plays a role in viral neuroinvasiveness. *Journal of Virology*, **2010**, 84, 1641-7	6.6	134
75	Epitope-blocking enzyme-linked immunosorbent assays for the detection of serum antibodies to west nile virus in multiple avian species. *Journal of Clinical Microbiology*, **2003**, 41, 1041-7	9.7	115
74	Transmission dynamics and changing epidemiology of West Nile virus. *Animal Health Research Reviews*, **2008**, 9, 71-86	2.1	100
73	Detection of RNA from a Novel West Nile-like Virus and High Prevalence of an Insect-specific Flavivirus in Mosquitoes in the Yucatan Peninsula of Mexico. *American Journal of Tropical Medicine and Hygiene*, **2009**, 80, 85-95	3.2	96
72	West Nile virus transmission in resident birds, Dominican Republic. *Emerging Infectious Diseases*, **2003**, 9, 1299-302	10.2	86
71	Serologic evidence of West Nile virus infection in horses, Coahuila State, Mexico. *Emerging Infectious Diseases*, **2003**, 9, 853-6	10.2	82
70	Evidence of efficient transovarial transmission of Culex flavivirus by Culex pipiens (Diptera: Culicidae). *Journal of Medical Entomology*, **2011**, 48, 1031-8	2.2	77
69	Detection of RNA from a novel West Nile-like virus and high prevalence of an insect-specific flavivirus in mosquitoes in the Yucatan Peninsula of Mexico. *American Journal of Tropical Medicine and Hygiene*, **2009**, 80, 85-95	3.2	74
68	Epitope-blocking enzyme-linked immunosorbent assays for detection of west nile virus antibodies in domestic mammals. *Journal of Clinical Microbiology*, **2003**, 41, 2676-9	9.7	71
67	Persistence of antibodies to West Nile virus in naturally infected rock pigeons (Columba livia). *Vaccine Journal*, **2005**, 12, 665-7		71
66	Evidence for ribosomal frameshifting and a novel overlapping gene in the genomes of insect-specific flaviviruses. *Virology*, **2010**, 399, 153-166	3.6	54
65	Genomic sequence and phylogenetic analysis of Culex flavivirus, an insect-specific flavivirus, isolated from Culex pipiens (Diptera: Culicidae) in Iowa. *Journal of Medical Entomology*, **2009**, 46, 934-41	2.2	53
64	Serologic evidence of West Nile virus infection in horses, Yucatan State, Mexico. *Emerging Infectious Diseases*, **2003**, 9, 857-9	10.2	53
63	West Nile virus viremia in eastern chipmunks (Tamias striatus) sufficient for infecting different mosquitoes. *Emerging Infectious Diseases*, **2007**, 13, 831-7	10.2	49
62	West Nile Virus isolation in human and mosquitoes, Mexico. *Emerging Infectious Diseases*, **2005**, 11, 1449-52	10.2	47

61	Detection of flaviviruses and orthobunyaviruses in mosquitoes in the Yucatan Peninsula of Mexico in 2008. *Vector-Borne and Zoonotic Diseases*, **2010**, 10, 777-83	2.4	46
60	ANTIBODIES TO WEST NILE VIRUS IN ASYMPTOMATIC MAMMALS, BIRDS, AND REPTILES IN THE YUCATAN PENINSULA OF MEXICO. *American Journal of Tropical Medicine and Hygiene*, **2006**, 74, 908-914	3.2	42
59	A Review of Flaviviruses that Have No Known Arthropod Vector. *Viruses*, **2017**, 9,	6.2	39
58	Restriction of Zika virus infection and transmission in Aedes aegypti mediated by an insect-specific flavivirus. *Emerging Microbes and Infections*, **2018**, 7, 181	18.9	35
57	Longitudinal studies of West Nile virus infection in avians, Yucatã State, Mẽico. *Vector-Borne and Zoonotic Diseases*, **2004**, 4, 3-14	2.4	34
56	West Nile virus in horses, Guatemala. *Emerging Infectious Diseases*, **2006**, 12, 1038-9	10.2	32
55	Identification and analysis of truncated and elongated species of the flavivirus NS1 protein. *Virus Research*, **1999**, 60, 67-79	6.4	29
54	Serologic evidence of West Nile Virus infection in birds, Tamaulipas State, Mẽico. *Vector-Borne and Zoonotic Diseases*, **2003**, 3, 209-13	2.4	26
53	Phylogenetic analysis of West Nile virus, Nuevo Leon State, Mexico. *Emerging Infectious Diseases*, **2004**, 10, 1314-7	10.2	23
52	Serological evidence of flaviviruses and alphaviruses in livestock and wildlife in Trinidad. *Vector-Borne and Zoonotic Diseases*, **2012**, 12, 969-78	2.4	22
51	Isolation and sequence analysis of Culex flavivirus from Culex interrogator and Culex quinquefasciatus in the Yucatan Peninsula of Mexico. *Archives of Virology*, **2010**, 155, 983-6	2.6	22
50	Serologic surveillance for West Nile virus and other flaviviruses in febrile patients, encephalitic patients, and asymptomatic blood donors in northern Mexico. *Vector-Borne and Zoonotic Diseases*, **2010**, 10, 151-7	2.4	21
49	Identification and sequence determination of mRNAs detected in dormant (diapausing) Aedes triseriatus mosquito embryos. *DNA Sequence*, **2001**, 12, 197-202		20
48	Merida virus, a putative novel rhabdovirus discovered in Culex and Ochlerotatus spp. mosquitoes in the Yucatan Peninsula of Mexico. *Journal of General Virology*, **2016**, 97, 977-987	4.9	20
47	Chikungunya Virus in Febrile Humans and Aedes aegypti Mosquitoes, Yucatan, Mexico. *Emerging Infectious Diseases*, **2016**, 22, 1804-7	10.2	17
46	Orthobunyaviruses, a common cause of infection of livestock in the Yucatan peninsula of Mexico. *American Journal of Tropical Medicine and Hygiene*, **2012**, 87, 1132-9	3.2	16
45	Management Factors Associated with Operation-Level Prevalence of Antibodies to Cache Valley Virus and Other Bunyamwera Serogroup Viruses in Sheep in the United States. *Vector-Borne and Zoonotic Diseases*, **2015**, 15, 683-93	2.4	15
44	Sequence and phylogenetic data indicate that an orthobunyavirus recently detected in the Yucatan Peninsula of Mexico is a novel reassortant of Potosi and Cache Valley viruses. *Archives of Virology*, **2012**, 157, 1199-204	2.6	14

43	Antibodies to West Nile virus in raccoons and other wild peridomestic mammals in Iowa. *Journal of Wildlife Diseases*, **2009**, 45, 1163-8	1.3	14
42	Bunyavirus Taxonomy: Limitations and Misconceptions Associated with the Current ICTV Criteria Used for Species Demarcation. *American Journal of Tropical Medicine and Hygiene*, **2018**, 99, 11-16	3.2	14
41	Detection of novel and recognized RNA viruses in mosquitoes from the Yucatan Peninsula of Mexico using metagenomics and characterization of their in vitro host ranges. *Journal of General Virology*, **2018**, 99, 1729-1738	4.9	14
40	Antibodies to West Nile virus in wild and farmed crocodiles in southeastern Mexico. *Journal of Wildlife Diseases*, **2013**, 49, 690-3	1.3	13
39	Detection of antibodies to West Nile virus in horses, Costa Rica, 2004. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 1081-4	2.4	13
38	Detection of antibodies to West Nile and Saint Louis encephalitis viruses in horses. *Salud Publica De Mexico*, **2004**, 46, 373-5	1.7	13
37	Arrival and establishment of Aedes japonicus japonicus (Diptera: Culicidae) in Iowa. *Journal of Medical Entomology*, **2009**, 46, 1282-9	2.2	12
36	Orthobunyavirus antibodies in humans, Yucatan Peninsula, Mexico. *Emerging Infectious Diseases*, **2012**, 18, 1629-32	10.2	11
35	Maternal, Fetal, and Neonatal Outcomes in Pregnant Dengue Patients in Mexico. *BioMed Research International*, **2018**, 2018, 9643083	3	11
34	Serologic Evidence of Flavivirus Infections in Peridomestic Rodents in Merida, Mexico. *Journal of Wildlife Diseases*, **2016**, 52, 168-72	1.3	9
33	Substitution of the premembrane and envelope protein genes of Modoc virus with the homologous sequences of West Nile virus generates a chimeric virus that replicates in vertebrate but not mosquito cells. *Virology Journal*, **2014**, 11, 150	6.1	9
32	Nucleotide sequencing and serologic analysis of Cache Valley virus isolates from the Yucatan Peninsula of Mexico. *Virus Genes*, **2012**, 45, 176-80	2.3	9
31	Culex tarsalis is a competent vector species for Cache Valley virus. *Parasites and Vectors*, **2018**, 11, 519	4	8
30	Infection and transmission of Cache Valley virus by Aedes albopictus and Aedes aegypti mosquitoes. *Parasites and Vectors*, **2019**, 12, 384	4	7
29	Evidence for West Nile virus spillover into the squirrel population in Atlanta, Georgia. *Vector-Borne and Zoonotic Diseases*, **2015**, 15, 303-10	2.4	7
28	Monitoring sheep and Culicoides midges in Montana for evidence of Bunyamwera serogroup virus infection. *Veterinary Record Open*, **2014**, 1, e000071	1.4	7
27	Molecular detection of in dogs and mosquitoes in Tabasco, Mexico. *Journal of Vector Borne Diseases* , **2018**, 55, 151-158	0.7	7
26	Arbovirus Surveillance near the Mexico-U.S. Border: Isolation and Sequence Analysis of Chikungunya Virus from Patients with Dengue-like Symptoms in Reynosa, Tamaulipas. *American Journal of Tropical Medicine and Hygiene*, **2018**, 99, 191-194	3.2	7

25	Characterization of newly revealed sequences in the infectious myonecrosis virus genome in Litopenaeus vannamei. *Journal of General Virology*, **2015**, 96, 1821-9	4.9	6
24	Identification of a novel subtype of South River virus (family Bunyaviridae). *Archives of Virology*, **2012**, 157, 1205-9	2.6	6
23	Sexual Transmission of Arboviruses: A Systematic Review. *Viruses*, **2020**, 12,	6.2	6
22	Complete nucleotide sequences of the small and medium RNA genome segments of Kairi virus (family Bunyaviridae). *Archives of Virology*, **2009**, 154, 1555-8	2.6	5
21	Surveillance for Flaviviruses Near the Mexico-U.S. Border: Co-circulation of Dengue Virus Serotypes 1, 2, and 3 and West Nile Virus in Tamaulipas, Northern Mexico, 2014-2016. *American Journal of Tropical Medicine and Hygiene*, **2018**, 99, 1308-1317	3.2	5
20	Detection of hand, foot and mouth disease in the yucatan peninsula of Mexico. *Gastroenterology Insights*, **2014**, 6, 5627	2.1	4
19	Skunk River virus, a novel orbivirus isolated from Aedes trivittatus in the United States. *Journal of General Virology*, **2019**, 100, 295-300	4.9	4
18	Co-Circulation of All Four Dengue Viruses and Zika Virus in Guerrero, Mexico, 2019. *Vector-Borne and Zoonotic Diseases*, **2021**, 21, 458-465	2.4	4
17	Discovery of a novel Tymoviridae-like virus in mosquitoes from Mexico. *Archives of Virology*, **2019**, 164, 649-652	2.6	4
16	Evidence that Lokern virus (family Peribunyaviridae) is a reassortant that acquired its small and large genome segments from Main Drain virus and its medium genome segment from an undiscovered virus. *Virology Journal*, **2018**, 15, 122	6.1	4
15	Entomological and virological surveillance for dengue virus in churches in Merida, Mexico. *Revista Do Instituto De Medicina Tropical De Sao Paulo*, **2019**, 61, e9	2.2	3
14	Arboviruses: Molecular Biology, Evolution and Control. Nikos Vasilakis and Duane J. Gubler. *American Journal of Tropical Medicine and Hygiene*, **2016**, 95, 488-489	3.2	3
13	Complete genome sequences of two insect-specific flaviviruses. *Archives of Virology*, **2017**, 162, 3913-3917	2.6	3
12	Complete cDNA and deduced amino acid sequence of the chaperonin containing T-complex polypeptide 1 (CCT) delta subunit from Aedes triseriatus mosquitoes. *DNA Sequence*, **2001**, 12, 203-8		3
11	West Nile Virus Infection in Human and Mouse Cornea Tissue. *American Journal of Tropical Medicine and Hygiene*, **2016**, 95, 1185-1191	3.2	3
10	Complete genome sequence of TWo virus, a novel putative flavivirus from the Yucatan Peninsula of Mexico. *Virology Journal*, **2017**, 14, 110	6.1	2
9	Evidence of Coinfections between SARS-CoV-2 and Select Arboviruses in Guerrero, Mexico, 2020-2021.. *American Journal of Tropical Medicine and Hygiene*, **2022**,	3.2	2
8	Detection of Antibodies to Lokern, Main Drain, St. Louis Encephalitis, and West Nile Viruses in Vertebrate Animals in Chihuahua, Guerrero, and Michoac□, Mexico. *Vector-Borne and Zoonotic Diseases*, **2021**, 21, 884-891	2.4	2

7	Infection, dissemination, and transmission efficiencies of Zika virus in Aedes aegypti after serial passage in mosquito or mammalian cell lines or alternating passage in both cell types. *Parasites and Vectors*, **2021**, 14, 261	4	2
6	Complete Genome Sequence of Houston Virus, a Newly Discovered Mosquito-Specific Virus Isolated from Culex quinquefasciatus in Mexico. *Microbiology Resource Announcements*, **2018**, 7,	1.3	2
5	Chimeric Zika viruses containing structural protein genes of insect-specific flaviviruses cannot replicate in vertebrate cells due to entry and post-translational restrictions. *Virology*, **2021**, 559, 30-39	3.6	2
4	Hematologic RIs for healthy water buffaloes (Bubalus bubalis) in southern Mexico. *Veterinary Clinical Pathology*, **2017**, 46, 436-441	1	1
3	Chikungunya in Guerrero, Mexico, 2019 and Evidence of Gross Underreporting in the Region. *American Journal of Tropical Medicine and Hygiene*, **2021**,	3.2	1
2	Complete nucleotide sequences of the large RNA genome segments of Main Drain and Northway viruses (family Peribunyaviridae). *Archives of Virology*, **2018**, 163, 2253-2255	2.6	
1	Molecular cloning and complete cDNA sequences of the ribosomal proteins rpl34 and rpl44 from Aedes triseriatus mosquitoes. *DNA Sequence*, **2000**, 11, 451-5		