William K Reisen

List of Publications by Year
in descending order

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103	4,827	101543	102487
papers	citations	36 h-index	66 g-index

105	105	105	3181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mosquito blood-feeding patterns and nesting behavior of American crows, an amplifying host of West Nile virus. Parasites and Vectors, 2021, 14, 331.	2.5	9
2	Introduction to the 2019 Highlights of Medical, Urban, and Veterinary Entomology. Journal of Medical Entomology, 2020, 57, 1335-1335.	1.8	0
3	West Nile virus in California, 2003â€“2018: A persistent threat. PLoS Neglected Tropical Diseases, 2020, 14, e0008841.	3.0	14
4	N-linked glycosylation of the West Nile virus envelope protein is not a requisite for avian virulence or vector competence. PLoS Neglected Tropical Diseases, 2019, 13, e0007473.	3.0	8
5	Overwintering of West Nile Virus in the United States. Journal of Medical Entomology, 2019, 56, 1498-1507.	1.8	16
6	Twenty Years of West Nile Virus in the United States: Introduction. Journal of Medical Entomology, 2019, 56, 1447-1447.	1.8	3
7	Comparative fitness of West Nile virus isolated during California epidemics. PLoS Neglected Tropical Diseases, 2019, 13, e0007135.	3.0	5
8	Guidance for Evaluating the Safety of Experimental Releases of Mosquitoes, Emphasizing Mark-Release-Recapture Techniques. Vector-Borne and Zoonotic Diseases, 2018, 18, 39-48.	1.5	14
9	Increases in the competitive fitness of West Nile virus isolates after introduction into California. Virology, 2018, 514, 170-181.	2.4	8
10	Low heterozygosity is associated with vectorâ€borne disease in crows. Ecosphere, 2018, 9, e02407.	2.2	14
11	Flanders hapavirus in western North America. Archives of Virology, 2018, 163, 3351-3356.	2.1	0
12	Avian malaria co-infections confound infectivity and vector competence assays of Plasmodium homopolare. Parasitology Research, 2018, 117, 2385-2394.	1.6	9
13	Detection of Arbovirus Transmission via Sugar Feeding in a Laboratory Setting. Journal of Medical Entomology, 2018, 55, 1575-1579.	1.8	5
14	West Nile and St. Louis encephalitis viral genetic determinants of avian host competence. PLoS Neglected Tropical Diseases, 2018, 12, e0006302.	3.0	20
15	Abundance and Bloodfeeding Patterns of Mosquitoes (Diptera: Culicidae) in an Oak Woodland on the Eastern Slope of the Northern Coast Range of California. Journal of Medical Entomology, 2017, 54, 1344-1353.	1.8	6
16	Tickâ€, mosquitoâ€, and rodentâ€borne parasite sampling designs for the National Ecological Observatory Network. Ecosphere, 2016, 7, e01271.	2.2	31
17	The Impact of Cycling Temperature on the Transmission of West Nile Virus. Journal of Medical Entomology, 2016, 53, 681-686.	1.8	40
18	Field Methods and Sample Collection Techniques for the Surveillance of West Nile Virus in Avian Hosts. Methods in Molecular Biology, 2016, 1435, 207-220.	0.9	1

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19	Surveys for Antibodies Against Mosquitoborne Encephalitis Viruses in California Birds, 1996â€“2013. Vector-Borne and Zoonotic Diseases, 2016, 16, 264-282.	1.5	18
20	Emergence or improved detection of Japanese encephalitis virus in the Himalayan highlands?. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 209-211.	1.8	17
21	West Nile Virus Fitness Costs in Different Mosquito Species. Trends in Microbiology, 2016, 24, 429-430.	7.7	2
22	Evaluation of Nucleic Acid Preservation Cards for West Nile Virus Testing in Dead Birds. PLoS ONE, 2016, 11, e0157555.	2.5	12
23	Evolutionary genomics ofCulex pipiens: global and local adaptations associated with climate, life-history traits and anthropogenic factors. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150728.	2.6	21
24	WEST NILE VIRUSâ€“RELATED TRENDS IN AVIAN MORTALITY IN CALIFORNIA, USA, 2003â€“12. Journal of Wildlife Diseases, 2015, 51, 576-588.	0.8	20
25	Genotype-specific variation in West Nile virus dispersal in California. Virology, 2015, 485, 79-85.	2.4	37
26	Multiplex qRT-PCR for the Detection of Western Equine Encephalomyelitis, St. Louis Encephalitis, and West Nile Viral RNA in Mosquito Pools (Diptera: Culicidae). Journal of Medical Entomology, 2015, 52, 491-499.	1.8	29
27	Extrinsic Incubation Rate is Not Accelerated in Recent California Strains of West Nile Virus inCulex tarsalis(Diptera: Culicidae). Journal of Medical Entomology, 2015, 52, 1083-1089.	1.8	21
28	Comparing Competitive Fitness of West Nile Virus Strains in Avian and Mosquito Hosts. PLoS ONE, 2015, 10, e0125668.	2.5	4
29	Host Competence and Helicase Activity Differences Exhibited by West Nile Viral Variants Expressing NS3-249 Amino Acid Polymorphisms. PLoS ONE, 2014, 9, e100802.	2.5	26
30	Comparative Study of the Pathological Effects of Western Equine Encephalomyelitis Virus in Four Strains of Culex tarsalis Coquillett (Diptera: Culicidae). Frontiers in Public Health, 2014, 2, 184.	2.7	2
31	Evidence for Co-evolution of West Nile Virus and House Sparrows in North America. PLoS Neglected Tropical Diseases, 2014, 8, e3262.	3.0	39
32	Genetic Determinants of Differential Oral Infection Phenotypes of West Nile and St. Louis Encephalitis Viruses in Culex spp. Mosquitoes. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1066-1072.	1.4	9
33	Medical entomology â€“ Back to the future?. Infection, Genetics and Evolution, 2014, 28, 573-582.	2.3	9
34	Allele-specific qRT-PCR demonstrates superior detection of single nucleotide polymorphisms as genetic markers for West Nile virus compared to LuminexÂ® and quantitative sequencing. Journal of Virological Methods, 2014, 195, 76-85.	2.1	7
35	Phenotypic Variation among Culex pipiens Complex (Diptera: Culicidae) Populations from the Sacramento Valley, California: Horizontal and Vertical Transmission of West Nile Virus, Diapause Potential, Autogeny, and Host Selection. American Journal of Tropical Medicine and Hygiene, 2013, 89, 1168-1178.	1.4	27
36	Chronic Infections of West Nile Virus Detected in California Dead Birds. Vector-Borne and Zoonotic Diseases, 2013, 13, 401-405.	1.5	25

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37	Experimental and Natural Vertical Transmission of West Nile Virus by California <I>Culex</I> (Diptera: Culicidae) Mosquitoes. Journal of Medical Entomology, 2013, 50, 371-378.	1.8	53
38	Overwintering Biology of <I>Culex</I> (Diptera: Culicidae) Mosquitoes in the Sacramento Valley of California. Journal of Medical Entomology, 2013, 50, 773-790.	1.8	70
39	Population Genetic and Admixture Analyses of Culex pipiens Complex (Diptera: Culicidae) Populations in California, United States. American Journal of Tropical Medicine and Hygiene, 2013, 89, 1154-1167.	1.4	28
40	Host Selection Patterns ofCulex tarsalis(Diptera: Culicidae) at Wetlands Near the Salton Sea, Coachella Valley, California, 1998â€“2002. Journal of Medical Entomology, 2013, 50, 1071-1076.	1.8	9
41	Host-Selection Patterns of <I>Culex tarsalis</I> (Diptera: Culicidae) Determine the Spatial Heterogeneity of West Nile Virus Enzootic Activity in Northern California. Journal of Medical Entomology, 2013, 50, 1303-1309.	1.8	18
42	Ecology of West Nile Virus in North America. Viruses, 2013, 5, 2079-2105.	3.3	130
43	Dynamics of West Nile Virus Persistence in House Sparrows (Passer domesticus). PLoS Neglected Tropical Diseases, 2012, 6, e1860.	3.0	35
44	Structural gene (prME) chimeras of St Louis encephalitis virus and West Nile virus exhibit altered in vitro cytopathic and growth phenotypes. Journal of General Virology, 2012, 93, 39-49.	2.9	10
45	Effects of Temperature on Emergence and Seasonality of West Nile Virus in California. American Journal of Tropical Medicine and Hygiene, 2012, 86, 884-894.	1.4	114
46	West Nile virus cluster analysis and vertical transmission inCulex pipienscomplex mosquitoes in Sacramento and Yolo Counties, California, 2011. Journal of Vector Ecology, 2012, 37, 442-449.	1.0	11
47	The Contrasting Bionomics of Culex Mosquitoes in Western North America. Journal of the American Mosquito Control Association, 2012, 28, 82-91.	0.7	35
48	Antecedent Avian Immunity Limits Tangential Transmission of West Nile Virus to Humans. PLoS ONE, 2012, 7, e34127.	2.5	54
49	Comparison of Enzootic Risk Measures for Predicting West Nile Disease, Los Angeles, California, USA, 2004â€“2010. Emerging Infectious Diseases, 2012, 18, 1298-306.	4.3	46
50	Real-time monitoring of flavivirus induced cytopathogenesis using cell electric impedance technology. Journal of Virological Methods, 2011, 173, 251-258.	2.1	49
51	Heightened Exposure to Parasites Favors the Evolution of Immunity in Brood Parasitic Cowbirds. Evolutionary Biology, 2011, 38, 214-224.	1.1	10
52	North American West Nile virus genotype isolates demonstrate differential replicative capacities in response to temperature. Journal of General Virology, 2011, 92, 2523-2533.	2.9	29
53	Envelope and pre-membrane protein structural amino acid mutations mediate diminished avian growth and virulence of a Mexican West Nile virus isolate. Journal of General Virology, 2011, 92, 2810-2820.	2.9	18
54	Mosquito Host Selection Varies Seasonally with Host Availability and Mosquito Density. PLoS Neglected Tropical Diseases, 2011, 5, e1452.	3.0	71

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55	Annual Survival of House Finches in Relation to West Nile Virus. Condor, 2011, 113, 233-238.	1.6	2
56	Effects of Warm Winter Temperature on the Abundance and Gonotrophic Activity ofCulex(Diptera: Culicidae) in California. Journal of Medical Entomology, 2010, 47, 230-237.	1.8	49
57	West Nile Virus Emergence and Persistence in Los Angeles, California, 2003â€“2008. American Journal of Tropical Medicine and Hygiene, 2010, 83, 400-412.	1.4	66
58	Migratory Birds and the Dispersal of Arboviruses in California. American Journal of Tropical Medicine and Hygiene, 2010, 83, 808-815.	1.4	25
59	Sentinel Chicken Seroconversions Track Tangential Transmission of West Nile Virus to Humans in the Greater Los Angeles Area of California. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1137-1145.	1.4	27
60	Effects of Warm Winter Temperature on the Abundance and Gonotrophic Activity of <I>Culex</I> (Diptera: Culicidae) in California. Journal of Medical Entomology, 2010, 47, 230-237.	1.8	32
61	Landscape Epidemiology of Vector-Borne Diseases. Annual Review of Entomology, 2010, 55, 461-483.	11.8	279
62	Repeated West Nile Virus Epidemic Transmission in Kern County, California, 2004â€“2007. Journal of Medical Entomology, 2009, 46, 139-157.	1.8	92
63	Differential Impact of West Nile Virus on California Birds. Condor, 2009, 111, 1-20.	1.6	95
64	Role of Communally Nesting Ardeid Birds in the Epidemiology of West Nile Virus Revisited. Vector-Borne and Zoonotic Diseases, 2009, 9, 275-280.	1.5	17
65	West Nile Virus Activity in Kern County and the Factors Leading to the 2007 Outbreak. Proceedings and papers of the ... Annual Conference of the Mosquito and Vector Control Association of California., 2009, 76, 138-145.	0.0	0
66	Intensive Early Season Adulticide Applications Decrease Arbovirus Transmission Throughout the Coachella Valley, Riverside County, California. Vector-Borne and Zoonotic Diseases, 2008, 8, 475-490.	1.5	39
67	Delinquent Mortgages, Neglected Swimming Pools, and West Nile Virus, California. Emerging Infectious Diseases, 2008, 14, 1747-1749.	4.3	87
68	Impact of climate variation on mosquito abundance in California. Journal of Vector Ecology, 2008, 33, 89-98.	1.0	72
69	Does Variation in <I>Culex</I> (Diptera: Culicidae) Vector Competence Enable Outbreaks of West Nile Virus in California?. Journal of Medical Entomology, 2008, 45, 1126-1138.	1.8	52
70	Persistent West Nile Virus Transmission and the Apparent Displacement St. Louis Encephalitis Virus in Southeastern California, 2003â€“2006. Journal of Medical Entomology, 2008, 45, 494-508.	1.8	81
71	Does Variation in Culex (Diptera: Culicidae) Vector Competence Enable Outbreaks of West Nile Virus in California?. Journal of Medical Entomology, 2008, 45, 1126-1138.	1.8	59
72	High Subclinical West Nile Virus Incidence among Nonvaccinated Horses in Northern California Associated with Low Vector Abundance and Infection. American Journal of Tropical Medicine and Hygiene, 2008, 78, 45-52.	1.4	24

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73	Risk Factors Associated with Human Infection during the 2006 West Nile Virus Outbreak in Davis, a Residential Community in Northern California. American Journal of Tropical Medicine and Hygiene, 2008, 78, 53-62.	1.4	42
74	Risk factors associated with human infection during the 2006 West Nile virus outbreak in Davis, a residential community in northern California. American Journal of Tropical Medicine and Hygiene, 2008, 78, 53-62.	1.4	25
75	High subclinical West Nile virus incidence among nonvaccinated horses in northern California associated with low vector abundance and infection. American Journal of Tropical Medicine and Hygiene, 2008, 78, 45-52.	1.4	12
76	Limited interdecadal variation in mosquito (Diptera: Culicidae) and avian host competence for Western equine encephalomyelitis virus (Togaviridae: Alphavirus). American Journal of Tropical Medicine and Hygiene, 2008, 78, 681-6.	1.4	18
77	Does Feeding on Infected Mosquitoes (Diptera: Culicidae) Enhance the Role of Song Sparrows in the Transmission of Arboviruses in California?. Journal of Medical Entomology, 2007, 44, 316-319.	1.8	7
78	COMPARISON OF IMMUNE RESPONSES OF BROWN-HEADED COWBIRD AND RELATED BLACKBIRDS TO WEST NILE AND OTHER MOSQUITO-BORNE ENCEPHALITIS VIRUSES. Journal of Wildlife Diseases, 2007, 43, 439-449.	0.8	29
79	Is Nonviremic Transmission of West Nile Virus by <I>Culex</I> Mosquitoes (Diptera: Culicidae) Nonviremic?. Journal of Medical Entomology, 2007, 44, 299-302.	1.8	24
80	West Nile virus in North America: perspectives on epidemiology and intervention. Pest Management Science, 2007, 63, 641-646.	3.4	65
81	WEST NILE VIRUS INFECTION IN TREE SQUIRRELS (RODENTIA: SCIURIDAE) IN CALIFORNIA, 2004â€“2005. American Journal of Tropical Medicine and Hygiene, 2007, 76, 810-813.	1.4	41
82	West Nile virus infection in tree squirrels (Rodentia: Sciuridae) in California, 2004-2005. American Journal of Tropical Medicine and Hygiene, 2007, 76, 810-3.	1.4	10
83	Effects of Temperature on the Transmission of West Nile Virus by <I>Culex tarsalis</I> (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	289
84	VECTOR COMPETENCE OF CULISETA INCIDENS AND CULEX THRIAMBUS FOR WEST NILE VIRUS1. Journal of the American Mosquito Control Association, 2006, 22, 662-665.	0.7	23
85	Role of Corvids in Epidemiology of West Nile Virus in Southern California. Journal of Medical Entomology, 2006, 43, 356-367.	1.8	76
86	VARIATION OF WEST NILE VIRUS ANTIBODY PREVALENCE IN MIGRATING AND WINTERING HAWKS IN CENTRAL CALIFORNIA. Condor, 2006, 108, 435.	1.6	19
87	Effects of Temperature on the Transmission of West Nile Virus byCulex tarsalis(Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	348
88	Role of California (Callipepla californica) and Gambel's (Callipepla gambelii) Quail in the Ecology of Mosquito-Borne Encephalitis Viruses in California, USA. Vector-Borne and Zoonotic Diseases, 2006, 6, 248-260.	1.5	26
89	Overwintering of West Nile Virus in Southern California. Journal of Medical Entomology, 2006, 43, 344-355.	1.8	116
90	Role of Corvids in Epidemiology of West Nile Virus in Southern California. Journal of Medical Entomology, 2006, 43, 356-367.	1.8	65

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91	PREVIOUS INFECTION WITH WEST NILE OR ST. LOUIS ENCEPHALITIS VIRUSES PROVIDES CROSS PROTECTION DURING REINFECTION IN HOUSE FINCHES. American Journal of Tropical Medicine and Hygiene, 2006, 75, 480-485.	1.4	74
92	Previous infection with West Nile or St. Louis encephalitis viruses provides cross protection during reinfection in house finches. American Journal of Tropical Medicine and Hygiene, 2006, 75, 480-5.	1.4	50
93	West Nile Virus in California. Emerging Infectious Diseases, 2004, 10, 1369-1378.	4.3	237
94	Effect of Dose on House Finch Infection with Western Equine Encephalomyelitis and St. Louis Encephalitis Viruses. Journal of Medical Entomology, 2004, 41, 978-981.	1.8	9
95	Encephalitis Virus Persistence in California Birds: Experimental Infections in Mourning Doves (Zenaidura macroura). Journal of Medical Entomology, 2004, 41, 462-466.	1.8	21
96	Blinded Laboratory Comparison of the In Situ Enzyme Immunoassay, the VecTest Wicking Assay, and a Reverse Transcription-Polymerase Chain Reaction Assay to Detect Mosquitoes Infected with West Nile and St. Louis Encephalitis Viruses. Journal of Medical Entomology, 2004, 41, 539-544.	1.8	16
97	Factors Influencing the Outcome of Mark-Release-Recapture Studies with <I>Culex tarsalis</I> (Diptera: Culicidae). Journal of Medical Entomology, 2003, 40, 820-829.	1.8	44
98	Epidemiology of St. Louis encephalitis virus. Advances in Virus Research, 2003, 61, 139-183.	2.1	150
99	Effects of immunosuppression on encephalitis virus infection in the house finch, <I>Carpodacus mexicanus</I>. Journal of Medical Entomology, 2003, 40, 206-214.	1.8	22
100	Simulated Overwintering of Encephalitis Viruses in Diapausing FemaleCulex tarsalis(Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	1.8	21
101	Vector Competence of California Mosquitoes for West Nile virus. Emerging Infectious Diseases, 2002, 8, 1385-1391.	4.3	456
102	Landscape Affects the Host-Seeking Patterns ofCulex tarsalis(Diptera: Culicidae) in the Coachella Valley of California. Journal of Medical Entomology, 2001, 38, 325-332.	1.8	54
103	Response of House Finches to Infection with Sympatric and Allopatric Strains of Western Equine Encephalomyelitis and St. Louis Encephalitis Viruses from California. Journal of Medical Entomology, 2000, 37, 259-264.	1.8	16