

Nicholas Komar

List of Publications by Year in descending order

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114
papers

8,030
citations

71061

41
h-index

49868

87
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114
all docs

114
docs citations

114
times ranked

4090
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Infection of North American Birds with the New York 1999 Strain of West Nile Virus. <i>Emerging Infectious Diseases</i> , 2003, 9, 311-322.	2.0	1,040
2	Rapid Detection of West Nile Virus from Human Clinical Specimens, Field-Collected Mosquitoes, and Avian Samples by a TaqMan Reverse Transcriptase-PCR Assay. <i>Journal of Clinical Microbiology</i> , 2000, 38, 4066-4071.	1.8	976
3	Epidemiology and Transmission Dynamics of West Nile Virus Disease. <i>Emerging Infectious Diseases</i> , 2005, 11, 1167-1173.	2.0	713
4	West Nile Virus: Epidemiology and Ecology in North America. <i>Advances in Virus Research</i> , 2003, 61, 185-234.	0.9	355
5	Experimental Infection of Horses with West Nile virus. <i>Emerging Infectious Diseases</i> , 2002, 8, 380-386.	2.0	264
6	West Nile virus activity in Latin America and the Caribbean. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2006, 19, 112-117.	0.6	199
7	Differential Virulence of West Nile Strains for American Crows. <i>Emerging Infectious Diseases</i> , 2004, 10, 2161-2168.	2.0	183
8	Alligators as West Nile Virus Amplifiers. <i>Emerging Infectious Diseases</i> , 2004, 10, 2150-2155.	2.0	134
9	Epitope-Blocking Enzyme-Linked Immunosorbent Assays for the Detection of Serum Antibodies to West Nile Virus in Multiple Avian Species. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1041-1047.	1.8	133
10	Seasonal Blood-Feeding Behavior of <i>Culex tarsalis</i> (Diptera: Culicidae) in Weld County, Colorado, 2007. <i>Journal of Medical Entomology</i> , 2009, 46, 380-390.	0.9	127
11	Serologic Evidence for West Nile Virus Infection in Birds in the New York City Vicinity During an Outbreak in 1999. <i>Emerging Infectious Diseases</i> , 2001, 7, 621-623.	2.0	117
12	NATURAL AND EXPERIMENTAL WEST NILE VIRUS INFECTION IN FIVE RAPTOR SPECIES. <i>Journal of Wildlife Diseases</i> , 2006, 42, 1-13.	0.3	116
13	West Nile Virus Transmission in Resident Birds, Dominican Republic. <i>Emerging Infectious Diseases</i> , 2003, 9, 1299-1302.	2.0	114
14	Crow Deaths as a Sentinel Surveillance System for West Nile Virus in the Northeastern United States, 1999. <i>Emerging Infectious Diseases</i> , 2001, 7, 615-620.	2.0	109
15	Serologic Evidence of West Nile Virus Infection in Horses, Coahuila State, Mexico. <i>Emerging Infectious Diseases</i> , 2003, 9, 853-856.	2.0	107
16	Migrating Birds as Dispersal Vehicles for West Nile Virus. <i>EcoHealth</i> , 2006, 3, 79-85.	0.9	101
17	West Nile Virus Antibodies in Colombian Horses. <i>Emerging Infectious Diseases</i> , 2005, 11, 1497-1498.	2.0	97
18	Experimental Infection of Chickens as Candidate Sentinels for West Nile Virus. <i>Emerging Infectious Diseases</i> , 2001, 7, 726-729.	2.0	94

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19	West Nile Virus Surveillance using Sentinel Birds. <i>Annals of the New York Academy of Sciences</i> , 2001, 951, 58-73.	1.8	92
20	West Nile Virus in Birds, Argentina. <i>Emerging Infectious Diseases</i> , 2008, 14, 689-691.	2.0	89
21	West Nile Virus Epizootiology in the Southeastern United States, 2001. <i>Vector-Borne and Zoonotic Diseases</i> , 2005, 5, 82-89.	0.6	88
22	AVIAN HOSTS FOR WEST NILE VIRUS IN ST. TAMMANY PARISH, LOUISIANA, 2002. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1031-1037.	0.6	86
23	Persistent West Nile virus infection in the house sparrow (<i>Passer domesticus</i>). <i>Archives of Virology</i> , 2009, 154, 783-789.	0.9	81
24	WEST NILE VIRUS INFECTION IN FARMED AMERICAN ALLIGATORS (<i>ALLIGATOR MISSISSIPPIENSIS</i>) IN FLORIDA. <i>Journal of Wildlife Diseases</i> , 2005, 41, 96-106.	0.3	77
25	DNA Vaccine for West Nile Virus Infection in Fish Crows (<i>Corvus ossifragus</i>). <i>Emerging Infectious Diseases</i> , 2003, 9, 1077-1081.	2.0	75
26	Arbovirus infection increases with group size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1833-1840.	1.2	74
27	West Nile Virus, Venezuela. <i>Emerging Infectious Diseases</i> , 2007, 13, 651-653.	2.0	72
28	Detection of West Nile Virus in Oral and Cloacal Swabs Collected from Bird Carcasses. <i>Emerging Infectious Diseases</i> , 2002, 8, 741-742.	2.0	71
29	AVIAN MORTALITY SURVEILLANCE FOR WEST NILE VIRUS IN COLORADO. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 431-437.	0.6	69
30	West Nile Virus Outbreak Among Horses in New York State, 1999 and 2000. <i>Emerging Infectious Diseases</i> , 2001, 7, 745-747.	2.0	66
31	Serological Evidence of Widespread Circulation of West Nile Virus and Other Flaviviruses in Equines of the Pantanal, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2706.	1.3	65
32	Serologic Evidence of West Nile Virus Infection in Black Bears (<i>Ursus americanus</i>) from New Jersey. <i>Journal of Wildlife Diseases</i> , 2003, 39, 894-896.	0.3	62
33	Serologic Evidence for West Nile Virus Infection in Birds in Staten Island, New York, After an Outbreak in 2000. <i>Vector-Borne and Zoonotic Diseases</i> , 2001, 1, 191-196.	0.6	61
34	Detection of West Nile virus-infected mosquitoes and seropositive juvenile birds in the vicinity of virus-positive dead birds.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 492-496.	0.6	53
35	POOR REPLICATION OF WEST NILE VIRUS (NEW YORK 1999 STRAIN) IN THREE REPTILIAN AND ONE AMPHIBIAN SPECIES. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 260-262.	0.6	50
36	Avian hosts for West Nile virus in St. Tammany Parish, Louisiana, 2002. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1031-7.	0.6	49

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37	Ilheus Virus Isolation in the Pantanal, West-Central Brazil. PLoS Neglected Tropical Diseases, 2013, 7, e2318.	1.3	47
38	Serological Investigation of Heartland Virus (Bunyaviridae: Phlebovirus) Exposure in Wild and Domestic Animals Adjacent to Human Case Sites in Missouri 2012–2013. American Journal of Tropical Medicine and Hygiene, 2015, 92, 1163-1167.	0.6	47
39	Heartland Virus Neutralizing Antibodies in Vertebrate Wildlife, United States, 2009–2014. Emerging Infectious Diseases, 2015, 21, 1830-1833.	2.0	46
40	Neutralising antibodies for Mayaro virus in Pantanal, Brazil. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 125-133.	0.8	44
41	Exposure of Domestic Mammals to West Nile Virus during an Outbreak of Human Encephalitis, New York City, 1999. Emerging Infectious Diseases, 2001, 7, 736-738.	2.0	43
42	West Nile Virus Infection in Free-Ranging Squirrels in Illinois. Journal of Veterinary Diagnostic Investigation, 2004, 16, 186-190.	0.5	43
43	Serologic survey of cats and dogs during an epidemic of West Nile virus infection in humans. Journal of the American Veterinary Medical Association, 2005, 226, 1349-1353.	0.2	43
44	Hydrologic Conditions Describe West Nile Virus Risk in Colorado. International Journal of Environmental Research and Public Health, 2010, 7, 494-508.	1.2	43
45	Variation in virulence of West Nile virus strains for house sparrows (Passer domesticus). American Journal of Tropical Medicine and Hygiene, 2005, 72, 99-102.	0.6	43
46	Avian Influenza Virus (H5N1) Mortality Surveillance. Emerging Infectious Diseases, 2008, 14, 1176-1178.	2.0	40
47	Serologic Survey of Domestic Animals for Zoonotic Arbovirus Infections in the Lacand3n Forest Region of Chiapas, Mexico. Vector-Borne and Zoonotic Diseases, 2003, 3, 3-9.	0.6	39
48	Detection of Anti-West Nile Virus Immunoglobulin M in Chicken Serum by an Enzyme-Linked Immunosorbent Assay. Journal of Clinical Microbiology, 2003, 41, 2002-2007.	1.8	39
49	Passive West Nile Virus Antibody Transfer from Maternal Eastern Screech-Owls (Megascops asio) to Progeny. Avian Diseases, 2006, 50, 454-455.	0.4	39
50	Nhumirim virus, a novel flavivirus isolated from mosquitoes from the Pantanal, Brazil. Archives of Virology, 2015, 160, 21-27.	0.9	38
51	Serologic Evidence of West Nile Virus Infection in Free-Ranging Mammals, Slidell, Louisiana, 2002. Vector-Borne and Zoonotic Diseases, 2005, 5, 288-292.	0.6	36
52	Naturally Induced Humoral Immunity to West Nile Virus Infection in Raptors. EcoHealth, 2008, 5, 298-304.	0.9	34
53	Clinical Evaluation and Outcomes of Naturally Acquired West Nile Virus Infection in Raptors. Journal of Zoo and Wildlife Medicine, 2009, 40, 51-63.	0.3	34
54	West Nile Virus Survey of Birds and Mosquitoes in the Dominican Republic. Vector-Borne and Zoonotic Diseases, 2005, 5, 120-126.	0.6	32

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55	Surveillance for West Nile Virus in Clinic-admitted Raptors, Colorado. <i>Emerging Infectious Diseases</i> , 2007, 13, 305-307.	2.0	32
56	An enzootic vector-borne virus is amplified at epizootic levels by an invasive avian host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 239-246.	1.2	32
57	Emergence of Eastern Encephalitis in Massachusetts. <i>Annals of the New York Academy of Sciences</i> , 1994, 740, 157-168.	1.8	31
58	Comparative West Nile Virus Detection in Organs of Naturally Infected American Crows (<i>Corvus</i>)	2.0	30
59	Avian mortality surveillance for West Nile virus in Colorado. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 431-7.	0.6	30
60	Phylogenetic Analysis of Buggy Creek Virus: Evidence for Multiple Clades in the Western Great Plains, United States of America. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6886-6893.	1.4	29
61	Detection of West Nile Virus in Stable Flies (Diptera: Muscidae) Parasitizing Juvenile American White Pelicans. <i>Journal of Medical Entomology</i> , 2010, 47, 1205-1211.	0.9	29
62	West Nile Virus Infection of Birds, Mexico. <i>Emerging Infectious Diseases</i> , 2011, 17, 2245-2252.	2.0	28
63	Serological detection of West Nile virus in horses and chicken from Pantanal, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 1073-1075.	0.8	28
64	West Nile Virus Ecology in a Tropical Ecosystem in Guatemala. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 116-126.	0.6	28
65	Interrupted Blood-Feeding by <i>Culiseta melanura</i> (Diptera: Culicidae) on European Starlings. <i>Journal of Medical Entomology</i> , 2001, 38, 59-66.	0.9	27
66	Bird Movement Predicts Buggy Creek Virus Infection in Insect Vectors. <i>Vector-Borne and Zoonotic Diseases</i> , 2007, 7, 304-314.	0.6	26
67	Serologic Evidence of West Nile Virus and St. Louis Encephalitis Virus Infections in White-Tailed Deer (<i>Odocoileus virginianus</i>) from New Jersey, 2001. <i>Vector-Borne and Zoonotic Diseases</i> , 2004, 4, 379-383.	0.6	25
68	Priority Contribution West Nile virus in the New World: potential impacts on bird species. <i>Bird Conservation International</i> , 2004, 14, 215-232.	0.7	25
69	West Nile Virus Activity in Mosquitoes and Domestic Animals in Chiapas, México. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 555-560.	0.6	25
70	The Centers for Disease Control and Prevention Resting Trap: A Novel Device for Collecting Resting Mosquitoes. <i>Journal of the American Mosquito Control Association</i> , 2011, 27, 323-325.	0.2	25
71	HOST-RANGE RESTRICTION OF CHIMERIC YELLOW FEVER-WEST NILE VACCINE IN FISH CROWS (<i>CORVUS</i>)	0.6	25
72	Ecological Correlates of Buggy Creek Virus Infection in <i>Oeciacus vicarius</i> , Southwestern Nebraska, 2004. <i>Journal of Medical Entomology</i> , 2007, 44, 42-49.	0.9	23

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73	<i>West Nile Virus</i> Detection in Nonvascular Feathers from Avian Carcasses. Journal of Veterinary Diagnostic Investigation, 2009, 21, 616-622.	0.5	22
74	Host and vector movement affects genetic diversity and spatial structure of Buggy Creek virus (Togaviridae). Molecular Ecology, 2008, 17, 2164-2173.	2.0	21
75	Winter Ecology of Buggy Creek Virus (Togaviridae, <i>Alphavirus</i>) in the Central Great Plains. Vector-Borne and Zoonotic Diseases, 2010, 10, 355-363.	0.6	21
76	Experimental infection of Eurasian collared-dove (<i>Streptopelia decaocto</i>) with West Nile virus. Journal of Vector Ecology, 2013, 38, 210-214.	0.5	20
77	Sentinel Pigeon Surveillance for West Nile Virus by Using Lard-Can Traps at Differing Elevations and Canopy Cover Classes. Journal of Medical Entomology, 2005, 42, 1039-1044.	0.9	19
78	Surveillance for West Nile Virus in American White Pelicans, Montana, USA, 2006â€“2007. Emerging Infectious Diseases, 2010, 16, 406-411.	2.0	19
79	Avian Hosts of West Nile Virus in Arizona. American Journal of Tropical Medicine and Hygiene, 2013, 89, 474-481.	0.6	19
80	Activity Patterns of St. Louis Encephalitis and West Nile Viruses in Free Ranging Birds during a Human Encephalitis Outbreak in Argentina. PLoS ONE, 2016, 11, e0161871.	1.1	19
81	EXPERIMENTAL INOCULATION OF HOUSE SPARROWS (PASSER DOMESTICUS) WITH BUGGY CREEK VIRUS. Journal of Wildlife Diseases, 2008, 44, 331-340.	0.3	18
82	Isolation of Buggy Creek Virus (Togaviridae: Alphavirus) From Field-Collected Eggs of <i>Oeciacus vicarius</i> (Hemiptera: Cimicidae). Journal of Medical Entomology, 2009, 46, 375-379.	0.9	18
83	Novel Viruses Isolated from Mosquitoes in Pantanal, Brazil. Genome Announcements, 2016, 4, .	0.8	18
84	Sensitive and Specific Colorimetric Dot Assay to Detect Eastern Equine Encephalomyelitis Viral RNA in Mosquitoes (Diptera: Culicidae) After Polymerase Chain Reaction Amplification. Journal of Medical Entomology, 1995, 32, 42-52.	0.9	17
85	Mosquitoes Used to Draw Blood for Arbovirus Viremia Determinations in Small Vertebrates. PLoS ONE, 2014, 9, e99342.	1.1	17
86	Seroconversion for west Nile and St. Louis encephalitis viruses among sentinel horses in Colombia. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 976-979.	0.8	17
87	Overwintering of Infectious Buggy Creek Virus (Togaviridae: Alphavirus) in <i>Oeciacus vicarius</i> (Hemiptera: Cimicidae) in North Dakota : Table 1. Journal of Medical Entomology, 2009, 46, 391-394.	0.9	16
88	Ecological Correlates of Buggy Creek Virus Infection in <i>Oeciacus vicarius</i>, Southwestern Nebraska, 2004. Journal of Medical Entomology, 2007, 44, 42-49.	0.9	15
89	Ecological divergence of two sympatric lineages of Buggy Creek virus, an arbovirus associated with birds. Ecology, 2009, 90, 3168-3179.	1.5	15
90	Persistence of Buggy Creek Virus (<>Togaviridae</>, <>Alphavirus</>) for Two Years in Unfed Swallow Bugs (Hemiptera: Cimicidae: <>Oeciacus vicarius</>). Journal of Medical Entomology, 2010, 47, 436-441.	0.9	15

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91	Poor replication of West Nile virus (New York 1999 strain) in three reptilian and one amphibian species. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 260-2.	0.6	15
92	Rapid West Nile Virus Antigen Detection. <i>Emerging Infectious Diseases</i> , 2005, 11, 1633-1635.	2.0	14
93	Use of a Surrogate Chimeric Virus To Detect West Nile Virus-Neutralizing Antibodies in Avian and Equine Sera. <i>Vaccine Journal</i> , 2009, 16, 134-135.	3.2	14
94	Zika Virus Surveillance at the Human-Animal Interface in West-Central Brazil, 2017-2018. <i>Viruses</i> , 2019, 11, 1164.	1.5	14
95	Mosquito (Diptera: Culicidae) Bloodmeal Sources During a Period of West Nile Virus Transmission in Puerto Rico. <i>Journal of Medical Entomology</i> , 2011, 48, 701-704.	0.9	13
96	Avian Hosts of West Nile Virus in Puerto Rico. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 47-54.	0.6	13
97	Methods for Detection of West Nile Virus Antibodies in Mosquito Blood Meals. <i>Journal of the American Mosquito Control Association</i> , 2015, 31, 1-6.	0.2	13
98	Neutralizing antibodies for orthobunyaviruses in Pantanal, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006014.	1.3	13
99	Host Selection of Potential West Nile Virus Vectors in Puerto Barrios, Guatemala, 2007. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 108-115.	0.6	12
100	Bloodmeal Host Selection of <i>Culex quinquefasciatus</i> (Diptera: Culicidae) in Las Vegas, Nevada, United States. <i>Journal of Medical Entomology</i> , 2019, 56, 603-608.	0.9	12
101	Sentinel Pigeon Surveillance for West Nile Virus by Using Lard-Can Traps at Differing Elevations and Canopy Cover Classes. <i>Journal of Medical Entomology</i> , 2005, 42, 1039-1044.	0.9	12
102	Reduced West Nile Virus Transmission Around Communal Roosts of Great-Tailed Grackle (<i>Quiscalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	11
103	Comparison of Engorged <i>Culex quinquefasciatus</i> Collection and Blood-Feeding Pattern among Four Mosquito Collection Methods in Puerto Barrios, Guatemala, 2007. <i>Journal of the American Mosquito Control Association</i> , 2010, 26, 332-336.	0.2	9
104	Focal amplification and suppression of West Nile virus transmission associated with communal bird roosts in northern Colorado. <i>Journal of Vector Ecology</i> , 2018, 43, 220-234.	0.5	8
105	Persistence of Buggy Creek Virus (Togaviridae, Alphavirus) for Two Years in Unfed Swallow Bugs (Hemiptera: Cimicidae: <i>Oeciacus vicarius</i>) : Table 1. <i>Journal of Medical Entomology</i> , 2010, 47, 436-441.	0.9	7
106	Forage Ratio Analysis of the Southern House Mosquito in College Station, Texas. <i>Vector-Borne and Zoonotic Diseases</i> , 2018, 18, 485-490.	0.6	7
107	Population Estimates for Eurasian Collared-dove in Northeastern Colorado. <i>Wilson Journal of Ornithology</i> , 2007, 119, 471-475.	0.1	6
108	Natural infection of vertebrate hosts by different lineages of Buggy Creek virus (family Togaviridae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	6

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109	DETERMINING RAPTOR SPECIES AND TISSUE SENSITIVITY FOR IMPROVED WEST NILE VIRUS SURVEILLANCE. <i>Journal of Wildlife Diseases</i> , 2018, 54, 528-533.	0.3	5
110	Host selection pattern and flavivirus screening of mosquitoes in a disturbed Colombian rainforest. <i>Scientific Reports</i> , 2021, 11, 18656.	1.6	5
111	Vector Contact Rates on Eastern Bluebird Nestlings Do Not Indicate West Nile Virus Transmission in Henrico County, Virginia, USA. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 6366-6379.	1.2	4
112	Host-range restriction of chimeric yellow fever-West Nile vaccine in fish crows (<i>Corvus ossifragus</i>). <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 78-80.	0.6	4
113	Flanders hapavirus in western North America. <i>Archives of Virology</i> , 2018, 163, 3351-3356.	0.9	0
114	Use of Mosquitoes to Indirectly Assess West Nile Virus Activity among Colonial Waterbirds. <i>Waterbirds</i> , 2020, 43, .	0.2	0