

Lark L Coffey

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

4,535
citations

136950

32
h-index

123424

61
g-index

74
all docs

74
docs citations

74
times ranked

7749
citing authors

#	ARTICLE	IF	CITATIONS
1	An amplicon-based sequencing framework for accurately measuring intrahost virus diversity using PrimalSeq and iVar. <i>Genome Biology</i> , 2019, 20, 8.	8.8	712
2	Reorganization and expansion of the nidoviral family Arteriviridae. <i>Archives of Virology</i> , 2016, 161, 755-768.	2.1	254
3	Human Muscle Satellite Cells as Targets of Chikungunya Virus Infection. <i>PLoS ONE</i> , 2007, 2, e527.	2.5	245
4	Arbovirus high fidelity variant loses fitness in mosquitoes and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16038-16043.	7.1	222
5	The Perils of Pathogen Discovery: Origin of a Novel Parvovirus-Like Hybrid Genome Traced to Nucleic Acid Extraction Spin Columns. <i>Journal of Virology</i> , 2013, 87, 11966-11977.	3.4	216
6	Arbovirus evolution <i>in vivo</i> is constrained by host alternation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6970-6975.	7.1	182
7	Host Alternation of Chikungunya Virus Increases Fitness while Restricting Population Diversity and Adaptability to Novel Selective Pressures. <i>Journal of Virology</i> , 2011, 85, 1025-1035.	3.4	152
8	West Nile Virus in Mexico: Evidence of Widespread Circulation since July 2002.. <i>Emerging Infectious Diseases</i> , 2003, 9, 1604-1607.	4.3	142
9	Chikungunya Virus-Vector Interactions. <i>Viruses</i> , 2014, 6, 4628-4663.	3.3	130
10	Factors shaping the adaptive landscape for arboviruses: implications for the emergence of disease. <i>Future Microbiology</i> , 2013, 8, 155-176.	2.0	124
11	ICTV Virus Taxonomy Profile: Togaviridae. <i>Journal of General Virology</i> , 2018, 99, 761-762.	2.9	122
12	Mechanism of Dengue Virus Broad Cross-Neutralization by a Monoclonal Antibody. <i>Structure</i> , 2012, 20, 303-314.	3.3	121
13	Quenching of Unincorporated Amplification Signal Reporters in Reverse-Transcription Loop-Mediated Isothermal Amplification Enabling Bright, Single-Step, Closed-Tube, and Multiplexed Detection of RNA Viruses. <i>Analytical Chemistry</i> , 2016, 88, 3562-3568.	6.5	119
14	Human genetic determinants of dengue virus susceptibility. <i>Microbes and Infection</i> , 2009, 11, 143-156.	1.9	110
15	Emergence and Transmission of Arbovirus Evolutionary Intermediates with Epidemic Potential. <i>Cell Host and Microbe</i> , 2014, 15, 706-716.	11.0	107
16	Zika Virus Tissue and Blood Compartmentalization in Acute Infection of Rhesus Macaques. <i>PLoS ONE</i> , 2017, 12, e0171148.	2.5	102
17	Dengue Emergence and Adaptation to Peridomestic Mosquitoes. <i>Emerging Infectious Diseases</i> , 2004, 10, 1790-1796.	4.3	93
18	Virome of ~12 thousand Culex mosquitoes from throughout California. <i>Virology</i> , 2018, 523, 74-88.	2.4	88

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19	<i>Aedes aegypti</i> Saliva Alters Leukocyte Recruitment and Cytokine Signaling by Antigen-Presenting Cells during West Nile Virus Infection. <i>PLoS ONE</i> , 2010, 5, e11704.	2.5	86
20	Miscarriage and stillbirth following maternal Zika virus infection in nonhuman primates. <i>Nature Medicine</i> , 2018, 24, 1104-1107.	30.7	85
21	Diagnosis of Fatal Human Case of St. Louis Encephalitis Virus Infection by Metagenomic Sequencing, California, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1964-1968.	4.3	76
22	Patterns, Drivers, and Challenges of Vector-Borne Disease Emergence. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 159-170.	1.5	74
23	Intraamniotic Zika virus inoculation of pregnant rhesus macaques produces fetal neurologic disease. <i>Nature Communications</i> , 2018, 9, 2414.	12.8	66
24	Endemic Venezuelan Equine Encephalitis in Northern Peru. <i>Emerging Infectious Diseases</i> , 2004, 10, 880-888.	4.3	65
25	Arboviral Bottlenecks and Challenges to Maintaining Diversity and Fitness during Mosquito Transmission. <i>Viruses</i> , 2014, 6, 3991-4004.	3.3	64
26	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. <i>Cell Reports</i> , 2018, 25, 1385-1394.e7.	6.4	61
27	Use of a Recombinant Envelope Protein Subunit Antigen for Specific Serological Diagnosis of West Nile Virus Infection. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2759-2765.	3.9	59
28	Potential role of sylvatic and domestic African mosquito species in dengue emergence. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 445-9.	1.4	54
29	Vector competence of <i>Aedes aegypti</i> , <i>Culex tarsalis</i> , and <i>Culex quinquefasciatus</i> from California for Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006524.	3.0	45
30	Venezuelan Equine Encephalitis Virus Transmission and Effect on Pathogenesis. <i>Emerging Infectious Diseases</i> , 2006, 12, 1190-1196.	4.3	43
31	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019, 216, 2302-2315.	8.5	41
32	Venezuelan Equine Encephalitis Virus Infection of Cotton Rats. <i>Emerging Infectious Diseases</i> , 2007, 13, 1158-1165.	4.3	34
33	Relative analytical sensitivity of donor nucleic acid amplification technology screening and diagnostic real-time polymerase chain reaction assays for detection of Zika virus RNA. <i>Transfusion</i> , 2017, 57, 734-747.	1.6	34
34	DNA vaccination before conception protects Zika virus-exposed pregnant macaques against prolonged viremia and improves fetal outcomes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
35	Reemergence of St. Louis Encephalitis Virus, California, 2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 2185-2188.	4.3	29
36	Experimental Everglades Virus Infection of Cotton Rats (<i>Sigmodon hispidus</i>). <i>Emerging Infectious Diseases</i> , 2004, 10, 2182-2188.	4.3	28

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37	Postepizootic Persistence of Venezuelan Equine Encephalitis Virus, Venezuela. <i>Emerging Infectious Diseases</i> , 2005, 11, 1907-1915.	4.3	26
38	Serologic Evidence of Widespread Everglades Virus Activity in Dogs, Florida. <i>Emerging Infectious Diseases</i> , 2006, 12, 1873-1879.	4.3	24
39	A combination of two human monoclonal antibodies limits fetal damage by Zika virus in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7981-7989.	7.1	24
40	Chikungunya Virus Fidelity Variants Exhibit Differential Attenuation and Population Diversity in Cell Culture and Adult Mice. <i>Journal of Virology</i> , 2019, 93, .	3.4	22
41	Surveillance for Western Equine Encephalitis, St. Louis Encephalitis, and West Nile Viruses Using Reverse Transcription Loop-Mediated Isothermal Amplification. <i>PLoS ONE</i> , 2016, 11, e0147962.	2.5	22
42	Two New Rhabdoviruses (Rhabdoviridae) Isolated from Birds During Surveillance for Arboviral Encephalitis, Northeastern United States. <i>Emerging Infectious Diseases</i> , 2002, 8, 614-618.	4.3	16
43	Postnatal Zika virus infection of nonhuman primate infants born to mothers infected with homologous Brazilian Zika virus. <i>Scientific Reports</i> , 2019, 9, 12802.	3.3	14
44	New genotypes of Liao ning virus (LNV) in Australia exhibit an insect-specific phenotype. <i>Journal of General Virology</i> , 2018, 99, 596-609.	2.9	14
45	Efficacy of an inactivated Zika vaccine against virus infection during pregnancy in mice and marmosets. <i>Npj Vaccines</i> , 2022, 7, 9.	6.0	13
46	Multiscale analysis for patterns of Zika virus genotype emergence, spread, and consequence. <i>PLoS ONE</i> , 2019, 14, e0225699.	2.5	12
47	Single Amino Acid Mutations Affect Zika Virus Replication In Vitro and Virulence In Vivo. <i>Viruses</i> , 2020, 12, 1295.	3.3	11
48	Engineering a fidelity-variant live-attenuated vaccine for chikungunya virus. <i>Npj Vaccines</i> , 2020, 5, 97.	6.0	10
49	Two Sides of a Coin: a Zika Virus Mutation Selected in Pregnant Rhesus Macaques Promotes Fetal Infection in Mice but at a Cost of Reduced Fitness in Nonpregnant Macaques and Diminished Transmissibility by Vectors. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
50	Evolution of ocular defects in infant macaques following in utero Zika virus infection. <i>JCI Insight</i> , 2020, 5, .	5.0	10
51	Susceptibility of <i>Ochlerotatus taeniorhynchus</i> and <i>Culex nigripalpus</i> for Everglades virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 11-6.	1.4	10
52	Movement of St. Louis encephalitis virus in the Western United States, 2014- 2018. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008343.	3.0	9
53	Monoclonal antibodies protect aged rhesus macaques from SARS-CoV-2-induced immune activation and neuroinflammation. <i>Cell Reports</i> , 2021, 37, 109942.	6.4	9
54	Early post-infection treatment of SARS-CoV-2 infected macaques with human convalescent plasma with high neutralizing activity had no antiviral effects but moderately reduced lung inflammation. <i>PLoS Pathogens</i> , 2022, 18, e1009925.	4.7	8

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55	Chikungunya virus populations experience diversity- dependent attenuation and purifying intra-vector selection in Californian <i>Aedes aegypti</i> mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007853.	3.0	7
56	Identification of Mosquito Bloodmeals Collected in Diverse Habitats in Malaysian Borneo Using COI Barcoding. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 51.	2.3	7
57	Scented Sugar Baits Enhance Detection of St. Louis Encephalitis and West Nile Viruses in Mosquitoes in Suburban California. <i>Journal of Medical Entomology</i> , 2018, 55, 1307-1318.	1.8	6
58	Respiratory Tract Explant Infection Dynamics of Influenza A Virus in California Sea Lions, Northern Elephant Seals, and Rhesus Macaques. <i>Journal of Virology</i> , 2021, 95, e0040321.	3.4	6
59	Microbial Composition in Larval Water Enhances <i>Aedes aegypti</i> Development but Reduces Transmissibility of Zika Virus. <i>MSphere</i> , 2021, 6, e0068721.	2.9	5
60	Vector competence. , 2001, , 139-180.		3
61	West Nile Virus Fitness Costs in Different Mosquito Species. <i>Trends in Microbiology</i> , 2016, 24, 429-430.	7.7	2
62	Zika virus persistence in the male macaque reproductive tract. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010566.	3.0	2
63	Interaction of Chikungunya Virus with the Mosquito Vector. , 2016, , 99-126.		0