

# Mark D Stenglein

## List of Publications by Year in descending order

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74  
papers

4,751  
citations

182225

30  
h-index

120465

65  
g-index

84  
all docs

84  
docs citations

84  
times ranked

6804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety study of Rift Valley Fever human vaccine candidate (DDVax) in mosquitoes. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2621-2633.	1.3	11
2	Seasonal Dynamics of Mosquito-Borne Viruses in the Southwestern Florida Everglades, 2016, 2017. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 610-622.	0.6	5
3	Occurrence of Wheat Curl Mite and Mite-Vectored Viruses of Wheat in Colorado and Insights into the Wheat Virome. <i>Plant Disease</i> , 2022, 106, 2678-2688.	0.7	6
4	Bluetongue Research at a Crossroads: Modern Genomics Tools Can Pave the Way to New Insights. <i>Annual Review of Animal Biosciences</i> , 2022, 10, 303-324.	3.6	4
5	The Case for Studying New Viruses of New Hosts. <i>Annual Review of Virology</i> , 2022, 9, 157-172.	3.0	3
6	In Vitro Reassortment between Endemic Bluetongue Viruses Features Global Shifts in Segment Frequencies and Preferred Segment Combinations. <i>Microorganisms</i> , 2021, 9, 405.	1.6	6
7	Genomic characterization of 99 viruses from the bunyavirus families Nairoviridae, Peribunyaviridae, and Phenuiviridae, including 35 previously unsequenced viruses. <i>PLoS Pathogens</i> , 2021, 17, e1009315.	2.1	23
8	A Whole Virion Vaccine for COVID-19 Produced via a Novel Inactivation Method and Preliminary Demonstration of Efficacy in an Animal Challenge Model. <i>Vaccines</i> , 2021, 9, 340.	2.1	16
9	Exposure of <i>Culicoides sonorensis</i> to Enzootic Strains of Bluetongue Virus Demonstrates Temperature- and Virus-Specific Effects on Virogenesis. <i>Viruses</i> , 2021, 13, 1016.	1.5	7
10	Complete Genome Sequences of Eight <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> Strains Isolated from Mares in Estrus with Endometritis. <i>Microbiology Resource Announcements</i> , 2021, 10, e0132120.	0.3	0
11	ICTV Virus Taxonomy Profile: Bornaviridae. <i>Journal of General Virology</i> , 2021, 102, .	1.3	24
12	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	0.9	62
13	SARS-CoV-2 evolution in animals suggests mechanisms for rapid variant selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	69
14	First Insights Into the Virus and Viroid Communities in Hemp ( <i>Cannabis sativa</i> ). <i>Frontiers in Agronomy</i> , 2021, 3, .	1.5	21
15	SIVcpz cross-species transmission and viral evolution toward HIV-1 in a humanized mouse model. <i>Journal of Medical Primatology</i> , 2020, 49, 40-43.	0.3	9
16	Serpentovirus (Nidovirus) and Orthoreovirus Coinfection in Captive Veiled Chameleons ( <i>Chamaeleo</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	13
17	Partitiviruses Infecting <i>Drosophila melanogaster</i> and <i>Aedes aegypti</i> Exhibit Efficient Biparental Vertical Transmission. <i>Journal of Virology</i> , 2020, 94, .	1.5	36
18	Cross-Species Transmission and Evolution of SIV Chimpanzee Progenitor Viruses Toward HIV-1 in Humanized Mice. <i>Frontiers in Microbiology</i> , 2020, 11, 1889.	1.5	7

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19	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
20	Mimicking SIV chimpanzee viral evolution toward HIV-1 during cross-species transmission. <i>Journal of Medical Primatology</i> , 2020, 49, 284-287.	0.3	5
21	A Novel Retrovirus (Gunnison's Prairie Dog Retrovirus) Associated With Thymic Lymphoma in Gunnison's Prairie Dogs in Colorado, USA. <i>Viruses</i> , 2020, 12, 606.	1.5	6
22	Ecological Dynamics Impacting Bluetongue Virus Transmission in North America. <i>Frontiers in Veterinary Science</i> , 2020, 7, 186.	0.9	27
23	Trophectoderm-Specific Knockdown of LIN28 Decreases Expression of Genes Necessary for Cell Proliferation and Reduces Elongation of Sheep Conceptus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2549.	1.8	18
24	The Genetic Diversification of a Single Bluetongue Virus Strain Using an In Vitro Model of Alternating-Host Transmission. <i>Viruses</i> , 2020, 12, 1038.	1.5	7
25	Evolution of SIVsm in humanized mice towards HIV-2. <i>Journal of Medical Primatology</i> , 2020, 49, 280-283.	0.3	5
26	dsRNA-Seq: Identification of Viral Infection by Purifying and Sequencing dsRNA. <i>Viruses</i> , 2019, 11, 943.	1.5	23
27	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 1233-1244.	0.9	70
28	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	0.9	115
29	The Expectations and Challenges of Wildlife Disease Research in the Era of Genomics: Forecasting with a Horizon Scan-like Exercise. <i>Journal of Heredity</i> , 2019, 110, 261-274.	1.0	9
30	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	0.9	285
31	Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1967-1980.	0.9	224
32	Longitudinal and Cross-Sectional Sampling of Serpentovirus (Nidovirus) Infection in Captive Snakes Reveals High Prevalence, Persistent Infection, and Increased Mortality in Pythons and Divergent Serpentovirus Infection in Boas and Colubrids. <i>Frontiers in Veterinary Science</i> , 2019, 6, 338.	0.9	23
33	Strengthening the Interaction of the Virology Community with the International Committee on Taxonomy of Viruses (ICTV) by Linking Virus Names and Their Abbreviations to Virus Species. <i>Systematic Biology</i> , 2019, 68, 828-839.	2.7	11
34	A reverse-transcription/RNase H based protocol for depletion of mosquito ribosomal RNA facilitates viral intrahost evolution analysis, transcriptomics and pathogen discovery. <i>Virology</i> , 2019, 528, 181-197.	1.1	21
35	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019, 100, 1200-1201.	1.3	66
36	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	0.9	157

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37	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	0.9	153
38	Respiratory disease in ball pythons ( <i>Python regius</i> ) experimentally infected with ball python nidovirus. Virology, 2018, 517, 77-87.	1.1	35
39	Ebola virus, but not Marburg virus, replicates efficiently and without required adaptation in snake cells. Virus Evolution, 2018, 4, vey034.	2.2	3
40	SIV progenitor evolution toward HIV: A humanized mouse surrogate model for SIVsm adaptation toward HIV-2. Journal of Medical Primatology, 2018, 47, 298-301.	0.3	11
41	Adventitious viruses persistently infect three commonly used mosquito cell lines. Virology, 2018, 521, 175-180.	1.1	29
42	Co-Infection Patterns in Individual Ixodes scapularis Ticks Reveal Associations between Viral, Eukaryotic and Bacterial Microorganisms. Viruses, 2018, 10, 388.	1.5	44
43	Metagenomic Investigation of Idiopathic Meningoencephalomyelitis in Dogs. Journal of Veterinary Internal Medicine, 2018, 32, 324-330.	0.6	26
44	Xenosurveillance reflects traditional sampling techniques for the identification of human pathogens: A comparative study in West Africa. PLoS Neglected Tropical Diseases, 2018, 12, e0006348.	1.3	20
45	Divergent bornaviruses from Australian carpet pythons with neurological disease date the origin of extant Bornaviridae prior to the end-Cretaceous extinction. PLoS Pathogens, 2018, 14, e1006881.	2.1	36
46	Modeling the evolution of SIV sooty mangabey progenitor virus towards HIV-2 using humanized mice. Virology, 2017, 510, 175-184.	1.1	16
47	Differential Disease Susceptibilities in Experimentally Reptarenavirus-Infected Boa Constrictors and Ball Pythons. Journal of Virology, 2017, 91, .	1.5	38
48	Development and Characterization of Recombinant Virus Generated from a New World Zika Virus Infectious Clone. Journal of Virology, 2017, 91, .	1.5	91
49	Multiplexed Metagenomic Deep Sequencing To Analyze the Composition of High-Priority Pathogen Reagents. MSystems, 2016, 1, .	1.7	19
50	Taxonomy of the order Mononegavirales: update 2016. Archives of Virology, 2016, 161, 2351-2360.	0.9	407
51	West African Anopheles gambiae mosquitoes harbor a taxonomically diverse virome including new insect-specific flaviviruses, mononegaviruses, and totiviruses. Virology, 2016, 498, 288-299.	1.1	112
52	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. Systematic Biology, 2016, 66, syw096.	2.7	17
53	West Nile Virus Population Structure, Injury, and Interferon-Stimulated Gene Expression in the Brain From a Fatal Case of Encephalitis. Open Forum Infectious Diseases, 2016, 3, ofv182.	0.4	11
54	Age and prior blood feeding of Anopheles gambiae influences their susceptibility and gene expression patterns to ivermectin-containing blood meals. BMC Genomics, 2015, 16, 797.	1.2	39

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55	Past, present, and future of arenavirus taxonomy. Archives of Virology, 2015, 160, 1851-1874.	0.9	158
56	Taxonomic reorganization of the family Bornaviridae. Archives of Virology, 2015, 160, 621-632.	0.9	97
57	Widespread Recombination, Reassortment, and Transmission of Unbalanced Compound Viral Genotypes in Natural Arenavirus Infections. PLoS Pathogens, 2015, 11, e1004900.	2.1	72
58	Ball Python Nidovirus: a Candidate Etiologic Agent for Severe Respiratory Disease in Python regius. MBio, 2014, 5, e01484-14.	1.8	82
59	Genome Sequence of a Bornavirus Recovered from an African Garter Snake (Elapsoidea). Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	0.8	21
60	Polar Bear Encephalitis: Establishment of a Comprehensive Next-generation Pathogen Analysis Pipeline for Captive and Free-living Wildlife. Journal of Comparative Pathology, 2014, 150, 474-488.	0.1	9
61	Structural Characterization of the Glycoprotein GP2 Core Domain from the CAS Virus, a Novel Arenavirus-Like Species. Journal of Molecular Biology, 2014, 426, 1452-1468.	2.0	25
62	APOBEC3 inhibits DEAD-END function to regulate microRNA activity. BMC Molecular Biology, 2013, 14, 16.	3.0	12
63	A novel endogenous betaretrovirus group characterized from polar bears (Ursus maritimus) and giant pandas (Ailuropoda melanoleuca). Virology, 2013, 443, 1-10.	1.1	11
64	Virus Identification in Unknown Tropical Febrile Illness Cases Using Deep Sequencing. PLoS Neglected Tropical Diseases, 2012, 6, e1485.	1.3	148
65	Identification, Characterization, and In Vitro Culture of Highly Divergent Arenaviruses from Boa Constrictors and Annulated Tree Boas: Candidate Etiological Agents for Snake Inclusion Body Disease. MBio, 2012, 3, e00180-12.	1.8	170
66	Complete genome sequence of an astrovirus identified in a domestic rabbit (Oryctolagus cuniculus) with gastroenteritis. Virology Journal, 2012, 9, 216.	1.4	21
67	APOBEC3 proteins mediate the clearance of foreign DNA from human cells. Nature Structural and Molecular Biology, 2010, 17, 222-229.	3.6	295
68	Quantitative profiling of the full APOBEC3 mRNA repertoire in lymphocytes and tissues: implications for HIV-1 restriction. Nucleic Acids Research, 2010, 38, 4274-4284.	6.5	323
69	APOBEC3G Contributes to HIV-1 Variation through Sublethal Mutagenesis. Journal of Virology, 2010, 84, 7396-7404.	1.5	161
70	Host Factors that Restrict Retrovirus Replication. , 2009, , 297-334.		0
71	Two Regions within the Amino-Terminal Half of APOBEC3G Cooperate To Determine Cytoplasmic Localization. Journal of Virology, 2008, 82, 9591-9599.	1.5	68
72	The Restriction of Zoonotic PERV Transmission by Human APOBEC3G. PLoS ONE, 2007, 2, e893.	1.1	44

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73	Evolutionarily conserved and non-conserved retrovirus restriction activities of artiodactyl APOBEC3F proteins. <i>Nucleic Acids Research</i> , 2006, 34, 5683-5694.	6.5	71
74	APOBEC3B and APOBEC3F Inhibit L1 Retrotransposition by a DNA Deamination-independent Mechanism*. <i>Journal of Biological Chemistry</i> , 2006, 281, 16837-16841.	1.6	243