

# Jonathan S Towner

## List of Publications by Year in descending order

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87  
papers

9,683  
citations

44444

50  
h-index

54771

88  
g-index

88  
all docs

88  
docs citations

88  
times ranked

9026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histopathologic and Immunohistochemical Evaluation of Induced Lesions, Tissue Tropism and Host Responses following Experimental Infection of Egyptian Rousette Bats ( <i>Rousettus aegyptiacus</i> ) with the Zoonotic Paramyxovirus, <i>Sosuga Virus</i> . <i>Viruses</i> , 2022, 14, 1278.	1.5	4
2	Asymptomatic Infection of Marburg Virus Reservoir Bats Is Explained by a Strategy of Immunoprotective Disease Tolerance. <i>Current Biology</i> , 2021, 31, 257-270.e5.	1.8	51
3	Subgenomic flavivirus RNA (sfRNA) associated with Asian lineage Zika virus identified in three species of Ugandan bats (family Pteropodidae). <i>Scientific Reports</i> , 2021, 11, 8370.	1.6	4
4	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
5	An Opportunistic Survey Reveals an Unexpected Coronavirus Diversity Hotspot in North America. <i>Viruses</i> , 2021, 13, 2016.	1.5	8
6	Marburg Virus Persistence on Fruit as a Plausible Route of Bat to Primate Filovirus Transmission. <i>Viruses</i> , 2021, 13, 2394.	1.5	20
7	Human-Pathogenic Kasokero Virus in Field-Collected Ticks. <i>Emerging Infectious Diseases</i> , 2020, 26, 2944-2950.	2.0	8
8	Possibility for reverse zoonotic transmission of SARS-CoV-2 to free-ranging wildlife: A case study of bats. <i>PLoS Pathogens</i> , 2020, 16, e1008758.	2.1	127
9	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
10	Experimental infection of Egyptian rousette bats ( <i>Rousettus aegyptiacus</i> ) with <i>Sosuga virus</i> demonstrates potential transmission routes for a bat-borne human pathogenic paramyxovirus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008092.	1.3	14
11	Isolation of Angola-like Marburg virus from Egyptian rousette bats from West Africa. <i>Nature Communications</i> , 2020, 11, 510.	5.8	66
12	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 1233-1244.	0.9	70
13	Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1967-1980.	0.9	224
14	Comparative analysis of serologic cross-reactivity using convalescent sera from filovirus-experimentally infected fruit bats. <i>Scientific Reports</i> , 2019, 9, 6707.	1.6	13
15	Discovery and Characterization of Bukakata orbivirus (Reoviridae:Orbivirus), a Novel Virus from a Ugandan Bat. <i>Viruses</i> , 2019, 11, 209.	1.5	17
16	Clinical, Histopathologic, and Immunohistochemical Characterization of Experimental Marburg Virus Infection in A Natural Reservoir Host, the Egyptian Rousette Bat ( <i>Rousettus aegyptiacus</i> ). <i>Viruses</i> , 2019, 11, 214.	1.5	31
17	Rousette Bat Dendritic Cells Overcome Marburg Virus-Mediated Antiviral Responses by Upregulation of Interferon-Related Genes While Downregulating Proinflammatory Disease Mediators. <i>MSphere</i> , 2019, 4, .	1.3	20
18	Antibody-Mediated Virus Neutralization Is Not a Universal Mechanism of Marburg, Ebola, or <i>Sosuga Virus</i> Clearance in Egyptian Rousette Bats. <i>Journal of Infectious Diseases</i> , 2019, 219, 1716-1721.	1.9	28

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19	ICTV Virus Taxonomy Profile: Filoviridae. <i>Journal of General Virology</i> , 2019, 100, 911-912.	1.3	78
20	Neutralizing antibodies against flaviviruses, Babanki virus, and Rift Valley fever virus in Ugandan bats. <i>Infection Ecology and Epidemiology</i> , 2018, 8, 1439215.	0.5	28
21	The Egyptian Rousette Genome Reveals Unexpected Features of Bat Antiviral Immunity. <i>Cell</i> , 2018, 173, 1098-1110.e18.	13.5	220
22	Taxonomy of the order Mononegavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2283-2294.	0.9	153
23	Transcriptomics Reveal Antiviral Gene Induction in the Egyptian Rousette Bat Is Antagonized In Vitro by Marburg Virus Infection. <i>Viruses</i> , 2018, 10, 607.	1.5	24
24	Novel activities by ebolavirus and marburgvirus interferon antagonists revealed using a standardized in vitro reporter system. <i>Virology</i> , 2017, 501, 147-165.	1.1	38
25	Modelling filovirus maintenance in nature by experimental transmission of Marburg virus between Egyptian rousette bats. <i>Nature Communications</i> , 2017, 8, 14446.	5.8	86
26	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017, 162, 2493-2504.	0.9	173
27	Filoviruses and bats. <i>Microbiology Australia</i> , 2017, 38, 12.	0.1	19
28	Egyptian rousette bats maintain long-term protective immunity against Marburg virus infection despite diminished antibody levels. <i>Scientific Reports</i> , 2017, 7, 8763.	1.6	55
29	Ecology of Filoviruses. <i>Current Topics in Microbiology and Immunology</i> , 2017, 411, 23-61.	0.7	22
30	Implementation of Objective PASC-Derived Taxon Demarcation Criteria for Official Classification of Filoviruses. <i>Viruses</i> , 2017, 9, 106.	1.5	22
31	Ebola Virus Field Sample Collection. <i>Methods in Molecular Biology</i> , 2017, 1628, 373-393.	0.4	4
32	Prognostic Indicators for Ebola Patient Survival. <i>Emerging Infectious Diseases</i> , 2016, 22, 217-223.	2.0	53
33	Perspectives on West Africa Ebola Virus Disease Outbreak, 2013-2016. <i>Emerging Infectious Diseases</i> , 2016, 22, 956-963.	2.0	127
34	Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016, 161, 2351-2360.	0.9	407
35	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2016, 66, syw096.	2.7	17
36	No evidence for the involvement of the argasid tick <i>Ornithodoros faini</i> in the enzootic maintenance of marburgvirus within Egyptian rousette bats <i>Rousettus aegyptiacus</i> . <i>Parasites and Vectors</i> , 2016, 9, 128.	1.0	14

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37	Development of a TaqMan Array Card for Acute-Febrile-Illness Outbreak Investigation and Surveillance of Emerging Pathogens, Including Ebola Virus. <i>Journal of Clinical Microbiology</i> , 2016, 54, 49-58.	1.8	95
38	De novo transcriptome reconstruction and annotation of the Egyptian rousette bat. <i>BMC Genomics</i> , 2015, 16, 1033.	1.2	42
39	Experimental Inoculation of Egyptian Rousette Bats ( <i>Rousettus aegyptiacus</i> ) with Viruses of the Ebolavirus and Marburgvirus Genera. <i>Viruses</i> , 2015, 7, 3420-3442.	1.5	121
40	Von Willebrand Factor Is Elevated in Individuals Infected with Sudan Virus and Is Associated with Adverse Clinical Outcomes. <i>Viral Immunology</i> , 2015, 28, 71-73.	0.6	18
41	Recombinant Marburg viruses containing mutations in the IID region of VP35 prevent inhibition of Host immune responses. <i>Virology</i> , 2015, 476, 85-91.	1.1	21
42	Development of a reverse genetics system to generate a recombinant Ebola virus Makona expressing a green fluorescent protein. <i>Virology</i> , 2015, 484, 259-264.	1.1	45
43	Ebola Virus Diagnostics: The US Centers for Disease Control and Prevention Laboratory in Sierra Leone, August 2014 to March 2015. <i>Journal of Infectious Diseases</i> , 2015, 212, S350-S358.	1.9	30
44	A Recently Discovered Pathogenic Paramyxovirus, Sosuga Virus, is Present in <i>Rousettus aegyptiacus</i> Fruit Bats at Multiple Locations in Uganda. <i>Journal of Wildlife Diseases</i> , 2015, 51, 774-779.	0.3	59
45	ORAL SHEDDING OF MARBURG VIRUS IN EXPERIMENTALLY INFECTED EGYPTIAN FRUIT BATS ( <i>ROUSETTUS</i> ) Tj ETOR 1 0.784314 0.3 153	0.3	153
46	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. <i>Archives of Virology</i> , 2014, 159, 1229-37.	0.9	59
47	Novel Paramyxovirus Associated with Severe Acute Febrile Disease, South Sudan and Uganda, 2012. <i>Emerging Infectious Diseases</i> , 2014, 20, 211-216.	2.0	54
48	Biomarker Correlates of Survival in Pediatric Patients with Ebola Virus Disease. <i>Emerging Infectious Diseases</i> , 2014, 20, 1683-90.	2.0	79
49	Reidentification of Ebola Virus E718 and ME as Ebola Virus/H.sapiens-tc/COD/1976/Yambuku-Ecran. <i>Genome Announcements</i> , 2014, 2, .	0.8	22
50	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. <i>Viruses</i> , 2014, 6, 3663-3682.	1.5	49
51	Ball Python Nidovirus: a Candidate Etiologic Agent for Severe Respiratory Disease in <i>Python regius</i> . <i>MBio</i> , 2014, 5, e01484-14.	1.8	82
52	Nomenclature- and Database-Compatible Names for the Two Ebola Virus Variants that Emerged in Guinea and the Democratic Republic of the Congo in 2014. <i>Viruses</i> , 2014, 6, 4760-4799.	1.5	83
53	Marburgvirus Resurgence in Kitaka Mine Bat Population after Extermination Attempts, Uganda. <i>Emerging Infectious Diseases</i> , 2014, 20, 1761-1764.	2.0	97
54	Discussions and decisions of the 2012-2014 International Committee on Taxonomy of Viruses (ICTV) Filoviridae Study Group, January 2012-June 2013. <i>Archives of Virology</i> , 2014, 159, 821-830.	0.9	85

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55	High-throughput, luciferase-based reverse genetics systems for identifying inhibitors of Marburg and Ebola viruses. <i>Antiviral Research</i> , 2014, 106, 86-94.	1.9	65
56	Clinical Care of Two Patients with Ebola Virus Disease in the United States. <i>New England Journal of Medicine</i> , 2014, 371, 2402-2409.	13.9	310
57	Virus nomenclature below the species level: a standardized nomenclature for laboratory animal-adapted strains and variants of viruses assigned to the family Filoviridae. <i>Archives of Virology</i> , 2013, 158, 1425-1432.	0.9	54
58	Molecular Evolution of Viruses of the Family Filoviridae Based on 97 Whole-Genome Sequences. <i>Journal of Virology</i> , 2013, 87, 2608-2616.	1.5	138
59	Virus nomenclature below the species level: a standardized nomenclature for natural variants of viruses assigned to the family Filoviridae. <i>Archives of Virology</i> , 2013, 158, 301-311.	0.9	99
60	Development of a reverse genetics system to generate recombinant Marburg virus derived from a bat isolate. <i>Virology</i> , 2013, 446, 230-237.	1.1	42
61	Increased Detection of Sin Nombre Hantavirus RNA in Antibody-Positive Deer Mice from Montana, USA: Evidence of Male Bias in RNA Viremia. <i>Viruses</i> , 2013, 5, 2320-2328.	1.5	14
62	Seasonal Pulses of Marburg Virus Circulation in Juvenile <i>Rousettus aegyptiacus</i> Bats Coincide with Periods of Increased Risk of Human Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002877.	2.1	330
63	Detection of Nipah Virus RNA in Fruit Bat ( <i>Pteropus giganteus</i> ) from India. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 576-578.	0.6	80
64	Transmission Ecology of Sin Nombre Hantavirus in Naturally Infected North American Deermouse Populations in Outdoor Enclosures. <i>PLoS ONE</i> , 2012, 7, e47731.	1.1	25
65	Proportion of Deaths and Clinical Features in Bundibugyo Ebola Virus Infection, Uganda. <i>Emerging Infectious Diseases</i> , 2010, 16, 1969-1972.	2.0	118
66	Ebola and Marburg Hemorrhagic Fever. <i>Clinics in Laboratory Medicine</i> , 2010, 30, 161-177.	0.7	133
67	Isolation of Genetically Diverse Marburg Viruses from Egyptian Fruit Bats. <i>PLoS Pathogens</i> , 2009, 5, e1000536.	2.1	549
68	Large serological survey showing cocirculation of Ebola and Marburg viruses in Gabonese bat populations, and a high seroprevalence of both viruses in <i>Rousettus aegyptiacus</i> . <i>BMC Infectious Diseases</i> , 2009, 9, 159.	1.3	242
69	Discovery of Swine as a Host for the Reston ebolavirus. <i>Science</i> , 2009, 325, 204-206.	6.0	346
70	Newly Discovered Ebola Virus Associated with Hemorrhagic Fever Outbreak in Uganda. <i>PLoS Pathogens</i> , 2008, 4, e1000212.	2.1	455
71	Multiple Virus Lineages Sharing Recent Common Ancestry Were Associated with a Large Rift Valley Fever Outbreak among Livestock in Kenya during 2006-2007. <i>Journal of Virology</i> , 2008, 82, 11152-11166.	1.5	116
72	Inhibition of IRF-3 Activation by VP35 Is Critical for the High Level of Virulence of Ebola Virus. <i>Journal of Virology</i> , 2008, 82, 2699-2704.	1.5	130

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73	Rapid Molecular Strategy for Filovirus Detection and Characterization. <i>Journal of Clinical Microbiology</i> , 2007, 45, 224-226.	1.8	45
74	Assessment of the Risk of Ebola Virus Transmission from Bodily Fluids and Fomites. <i>Journal of Infectious Diseases</i> , 2007, 196, S142-S147.	1.9	440
75	Marburg Virus Infection Detected in a Common African Bat. <i>PLoS ONE</i> , 2007, 2, e764.	1.1	330
76	Panmicrobial Oligonucleotide Array for Diagnosis of Infectious Diseases. <i>Emerging Infectious Diseases</i> , 2007, 13, 73-81.	2.0	298
77	Marburgvirus Genomics and Association with a Large Hemorrhagic Fever Outbreak in Angola. <i>Journal of Virology</i> , 2006, 80, 6497-6516.	1.5	283
78	Identification of two amino acid residues on Ebola virus glycoprotein 1 critical for cell entry. <i>Virus Research</i> , 2006, 121, 205-214.	1.1	42
79	Conserved Receptor-binding Domains of Lake Victoria Marburgvirus and Zaire Ebolavirus Bind a Common Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 15951-15958.	1.6	115
80	Reverse Genetic Generation of Recombinant Zaire Ebola Viruses Containing Disrupted IRF-3 Inhibitory Domains Results in Attenuated Virus Growth In Vitro and Higher Levels of IRF-3 Activation without Inhibiting Viral Transcription or Replication. <i>Journal of Virology</i> , 2006, 80, 6430-6440.	1.5	93
81	Implication of a retrovirus-like glycoprotein peptide in the immunopathogenesis of Ebola and Marburg viruses. <i>FASEB Journal</i> , 2006, 20, 2519-2530.	0.2	64
82	Generation of eGFP expressing recombinant Zaire ebolavirus for analysis of early pathogenesis events and high-throughput antiviral drug screening. <i>Virology</i> , 2005, 332, 20-27.	1.1	166
83	Persistent Infection with Ebola Virus under Conditions of Partial Immunity. <i>Journal of Virology</i> , 2004, 78, 958-967.	1.5	79
84	A C-terminal basic amino acid motif of Zaire ebolavirus VP35 is essential for type I interferon antagonism and displays high identity with the RNA-binding domain of another interferon antagonist, the NS1 protein of influenza A virus. <i>Virology</i> , 2004, 328, 177-184.	1.1	130
85	Rapid Diagnosis of Ebola Hemorrhagic Fever by Reverse Transcription-PCR in an Outbreak Setting and Assessment of Patient Viral Load as a Predictor of Outcome. <i>Journal of Virology</i> , 2004, 78, 4330-4341.	1.5	457
86	Rescue of Defective Poliovirus RNA Replication by 3AB-Containing Precursor Polyproteins. <i>Journal of Virology</i> , 1998, 72, 7191-7200.	1.5	63
87	Determinants of Membrane Association for Poliovirus Protein 3AB. <i>Journal of Biological Chemistry</i> , 1996, 271, 26810-26818.	1.6	138