Jonathan S Towner

List of Publications by Year
in descending order

87	9,683	38742 50	48315 88
papers	citations	h-index	g-index

88	88	88	8306
all docs	docs citations	times ranked	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 (Rousettus aegyptiacus) with the Zoonotic Paramyxovirus, Sosuga Virus. Viruses, 2022, 14, 1278.	3.3	4
2	Asymptomatic Infection of Marburg Virus Reservoir Bats Is Explained by a Strategy of Immunoprotective Disease Tolerance. Current Biology, 2021, 31, 257-270.e5.	3.9	51
3	Subgenomic flavivirus RNA (sfRNA) associated with Asian lineage Zika virus identified in three species of Ugandan bats (family Pteropodidae). Scientific Reports, 2021, 11, 8370.	3.3	4
4	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
5	An Opportunistic Survey Reveals an Unexpected Coronavirus Diversity Hotspot in North America. Viruses, 2021, 13, 2016.	3.3	8
6	Marburg Virus Persistence on Fruit as a Plausible Route of Bat to Primate Filovirus Transmission. Viruses, 2021, 13, 2394.	3.3	20
7	Human-Pathogenic Kasokero Virus in Field-Collected Ticks. Emerging Infectious Diseases, 2020, 26, 2944-2950.	4.3	8
8	Possibility for reverse zoonotic transmission of SARS-CoV-2 to free-ranging wildlife: A case study of bats. PLoS Pathogens, 2020, 16, e1008758.	4.7	127
9	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
10	Experimental infection of Egyptian rousette bats (Rousettus aegyptiacus) with Sosuga virus demonstrates potential transmission routes for a bat-borne human pathogenic paramyxovirus. PLoS Neglected Tropical Diseases, 2020, 14, e0008092.	3.0	14
11	Isolation of Angola-like Marburg virus from Egyptian rousette bats from West Africa. Nature Communications, 2020, 11, 510.	12.8	66
12	Taxonomy of the order Mononegavirales: second update 2018. Archives of Virology, 2019, 164, 1233-1244.	2.1	70
13	Taxonomy of the order Mononegavirales: update 2019. Archives of Virology, 2019, 164, 1967-1980.	2.1	224
14	Comparative analysis of serologic cross-reactivity using convalescent sera from filovirus-experimentally infected fruit bats. Scientific Reports, 2019, 9, 6707.	3.3	13
15	Discovery and Characterization of Bukakata orbivirus (Reoviridae:Orbivirus), a Novel Virus from a Ugandan Bat. Viruses, 2019, 11, 209.	3.3	17
16	Clinical, Histopathologic, and Immunohistochemical Characterization of Experimental Marburg Virus Infection in A Natural Reservoir Host, the Egyptian Rousette Bat (Rousettus aegyptiacus). Viruses, 2019, 11, 214.	3.3	31
17	Rousette Bat Dendritic Cells Overcome Marburg Virus-Mediated Antiviral Responses by Upregulation of Interferon-Related Genes While Downregulating Proinflammatory Disease Mediators. MSphere, 2019, 4, .	2.9	20
18	Antibody-Mediated Virus Neutralization Is Not a Universal Mechanism of Marburg, Ebola, or Sosuga Virus Clearance in Egyptian Rousette Bats. Journal of Infectious Diseases, 2019, 219, 1716-1721.	4.0	28

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19	ICTV Virus Taxonomy Profile: Filoviridae. Journal of General Virology, 2019, 100, 911-912.	2.9	78
20	Neutralizing antibodies against flaviviruses, Babanki virus, and Rift Valley fever virus in Ugandan bats. Infection Ecology and Epidemiology, 2018, 8, 1439215.	0.8	28
21	The Egyptian Rousette Genome Reveals Unexpected Features of Bat Antiviral Immunity. Cell, 2018, 173, 1098-1110.e18.	28.9	220
22	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	2.1	153
23	Transcriptomics Reveal Antiviral Gene Induction in the Egyptian Rousette Bat Is Antagonized In Vitro by Marburg Virus Infection. Viruses, 2018, 10, 607.	3.3	24
24	Novel activities by ebolavirus and marburgvirus interferon antagonists revealed using a standardized in vitro reporter system. Virology, 2017, 501, 147-165.	2.4	38
25	Modelling filovirus maintenance in nature by experimental transmission of Marburg virus between Egyptian rousette bats. Nature Communications, 2017, 8, 14446.	12.8	86
26	Taxonomy of the order Mononegavirales: update 2017. Archives of Virology, 2017, 162, 2493-2504.	2.1	173
27	Filoviruses and bats. Microbiology Australia, 2017, 38, 12.	0.4	19
28	Egyptian rousette bats maintain long-term protective immunity against Marburg virus infection despite diminished antibody levels. Scientific Reports, 2017, 7, 8763.	3.3	55
29	Ecology of Filoviruses. Current Topics in Microbiology and Immunology, 2017, 411, 23-61.	1.1	22
30	Implementation of Objective PASC-Derived Taxon Demarcation Criteria for Official Classification of Filoviruses. Viruses, 2017, 9, 106.	3.3	22
31	Ebola Virus Field Sample Collection. Methods in Molecular Biology, 2017, 1628, 373-393.	0.9	4
32	Prognostic Indicators for Ebola Patient Survival. Emerging Infectious Diseases, 2016, 22, 217-223.	4.3	53
33	Perspectives on West Africa Ebola Virus Disease Outbreak, 2013â€“2016. Emerging Infectious Diseases, 2016, 22, 956-963.	4.3	127
34	Taxonomy of the order Mononegavirales: update 2016. Archives of Virology, 2016, 161, 2351-2360.	2.1	407
35	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. Systematic Biology, 2016, 66, syw096.	5.6	17
36	No evidence for the involvement of the argasid tick Ornithodoros faini in the enzootic maintenance of marburgvirus within Egyptian rousette bats Rousettus aegyptiacus. Parasites and Vectors, 2016, 9, 128.	2.5	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. Journal of Clinical Microbiology, 2016, 54, 49-58.	3.9	95
38	De novo transcriptome reconstruction and annotation of the Egyptian rousette bat. BMC Genomics, 2015, 16, 1033.	2.8	42
39	Experimental Inoculation of Egyptian Rousette Bats (Rousettus aegyptiacus) with Viruses of the Ebolavirus and Marburgvirus Genera. Viruses, 2015, 7, 3420-3442.	3.3	121
40	Von Willebrand Factor Is Elevated in Individuals Infected with Sudan Virus and Is Associated with Adverse Clinical Outcomes. Viral Immunology, 2015, 28, 71-73.	1.3	18
41	Recombinant Marburg viruses containing mutations in the IID region of VP35 prevent inhibition of Host immune responses. Virology, 2015, 476, 85-91.	2.4	21
42	Development of a reverse genetics system to generate a recombinant Ebola virus Makona expressing a green fluorescent protein. Virology, 2015, 484, 259-264.	2.4	45
43	Ebola Virus Diagnostics: The US Centers for Disease Control and Prevention Laboratory in Sierra Leone, August 2014 to March 2015. Journal of Infectious Diseases, 2015, 212, S350-S358.	4.0	30
44	A Recently Discovered Pathogenic Paramyxovirus, Sosuga Virus, is Present in Rousettus aegyptiacus Fruit Bats at Multiple Locations in Uganda. Journal of Wildlife Diseases, 2015, 51, 774-779.	0.8	59
45	ORAL SHEDDING OF MARBURG VIRUS IN EXPERIMENTALLY INFECTED EGYPTIAN FRUIT BATS (ROUSETTUS) Tj ETQq1 1 0.784314 rg	0.8	153
46	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. Archives of Virology, 2014, 159, 1229-37.	2.1	59
47	Novel Paramyxovirus Associated with Severe Acute Febrile Disease, South Sudan and Uganda, 2012. Emerging Infectious Diseases, 2014, 20, 211-216.	4.3	54
48	Biomarker Correlates of Survival in Pediatric Patients with Ebola Virus Disease. Emerging Infectious Diseases, 2014, 20, 1683-90.	4.3	79
49	Reidentification of Ebola Virus E718 and ME as Ebola Virus/H.sapiens-tc/COD/1976/Yambuku-Ecran. Genome Announcements, 2014, 2, .	0.8	22
50	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. Viruses, 2014, 6, 3663-3682.	3.3	49
51	Ball Python Nidovirus: a Candidate Etiologic Agent for Severe Respiratory Disease in Python regius. MBio, 2014, 5, e01484-14.	4.1	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. Viruses, 2014, 6, 4760-4799.	3.3	83
53	Marburgvirus Resurgence in Kitaka Mine Bat Population after Extermination Attempts, Uganda. Emerging Infectious Diseases, 2014, 20, 1761-1764.	4.3	97
54	Discussions and decisions of the 2012â€“2014 International Committee on Taxonomy of Viruses (ICTV) Filoviridae Study Group, January 2012â€“June 2013. Archives of Virology, 2014, 159, 821-830.	2.1	85

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55	High-throughput, luciferase-based reverse genetics systems for identifying inhibitors of Marburg and Ebola viruses. Antiviral Research, 2014, 106, 86-94.	4.1	65
56	Clinical Care of Two Patients with Ebola Virus Disease in the United States. New England Journal of Medicine, 2014, 371, 2402-2409.	27.0	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. Archives of Virology, 2013, 158, 1425-1432.	2.1	54
58	Molecular Evolution of Viruses of the Family Filoviridae Based on 97 Whole-Genome Sequences. Journal of Virology, 2013, 87, 2608-2616.	3.4	138
59	Virus nomenclature below the species level: a standardized nomenclature for natural variants of viruses assigned to the family Filoviridae. Archives of Virology, 2013, 158, 301-311.	2.1	99
60	Development of a reverse genetics system to generate recombinant Marburg virus derived from a bat isolate. Virology, 2013, 446, 230-237.	2.4	42
61	Increased Detection of Sin Nombre Hantavirus RNA in Antibody-Positive Deer Mice from Montana, USA: Evidence of Male Bias in RNA Viremia. Viruses, 2013, 5, 2320-2328.	3.3	14
62	Seasonal Pulses of Marburg Virus Circulation in Juvenile Rousettus aegyptiacus Bats Coincide with Periods of Increased Risk of Human Infection. PLoS Pathogens, 2012, 8, e1002877.	4.7	330
63	Detection of Nipah Virus RNA in Fruit Bat (Pteropus giganteus) from India. American Journal of Tropical Medicine and Hygiene, 2012, 87, 576-578.	1.4	80
64	Transmission Ecology of Sin Nombre Hantavirus in Naturally Infected North American Deermouse Populations in Outdoor Enclosures. PLoS ONE, 2012, 7, e47731.	2.5	25
65	Proportion of Deaths and Clinical Features in Bundibugyo Ebola Virus Infection, Uganda. Emerging Infectious Diseases, 2010, 16, 1969-1972.	4.3	118
66	Ebola and Marburg Hemorrhagic Fever. Clinics in Laboratory Medicine, 2010, 30, 161-177.	1.4	133
67	Isolation of Genetically Diverse Marburg Viruses from Egyptian Fruit Bats. PLoS Pathogens, 2009, 5, e1000536.	4.7	549
68	Large serological survey showing cocirculation of Ebola and Marburg viruses in Gabonese bat populations, and a high seroprevalence of both viruses in Rousettus aegyptiacus. BMC Infectious Diseases, 2009, 9, 159.	2.9	242
69	Discovery of Swine as a Host for the Reston ebolavirus. Science, 2009, 325, 204-206.	12.6	346
70	Newly Discovered Ebola Virus Associated with Hemorrhagic Fever Outbreak in Uganda. PLoS Pathogens, 2008, 4, e1000212.	4.7	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. Journal of Virology, 2008, 82, 11152-11166.	3.4	116
72	Inhibition of IRF-3 Activation by VP35 Is Critical for the High Level of Virulence of Ebola Virus. Journal of Virology, 2008, 82, 2699-2704.	3.4	130

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73	Rapid Molecular Strategy for Filovirus Detection and Characterization. Journal of Clinical Microbiology, 2007, 45, 224-226.	3.9	45
74	Assessment of the Risk of Ebola Virus Transmission from Bodily Fluids and Fomites. Journal of Infectious Diseases, 2007, 196, S142-S147.	4.0	440
75	Marburg Virus Infection Detected in a Common African Bat. PLoS ONE, 2007, 2, e764.	2.5	330
76	Panmicrobial Oligonucleotide Array for Diagnosis of Infectious Diseases. Emerging Infectious Diseases, 2007, 13, 73-81.	4.3	298
77	Marburgvirus Genomics and Association with a Large Hemorrhagic Fever Outbreak in Angola. Journal of Virology, 2006, 80, 6497-6516.	3.4	283
78	Identification of two amino acid residues on Ebola virus glycoprotein 1 critical for cell entry. Virus Research, 2006, 121, 205-214.	2.2	42
79	Conserved Receptor-binding Domains of Lake Victoria Marburgvirus and Zaire Ebolavirus Bind a Common Receptor. Journal of Biological Chemistry, 2006, 281, 15951-15958.	3.4	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. Journal of Virology, 2006, 80, 6430-6440.	3.4	93
81	Implication of a retrovirusâ€like glycoprotein peptide in the immunopathogenesis of Ebola and Marburg viruses. FASEB Journal, 2006, 20, 2519-2530.	0.5	64
82	Generation of eGFP expressing recombinant Zaire ebolavirus for analysis of early pathogenesis events and high-throughput antiviral drug screening. Virology, 2005, 332, 20-27.	2.4	166
83	Persistent Infection with Ebola Virus under Conditions of Partial Immunity. Journal of Virology, 2004, 78, 958-967.	3.4	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. Virology, 2004, 328, 177-184.	2.4	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. Journal of Virology, 2004, 78, 4330-4341.	3.4	457
86	Rescue of Defective Poliovirus RNA Replication by 3AB-Containing Precursor Polyproteins. Journal of Virology, 1998, 72, 7191-7200.	3.4	63
87	Determinants of Membrane Association for Poliovirus Protein 3AB. Journal of Biological Chemistry, 1996, 271, 26810-26818.	3.4	138