Allison Groseth

List of Publications by Year
in descending order

69 papers	3,222 citations	172457 29 h-index	155660 55 g-index
72 all docs	72 docs citations	72 times ranked	3606 citing authors

#	Article	IF	Citations
1	The ecology of Ebola virus. Trends in Microbiology, 2007, 15, 408-416.	7.7	201
2	Inclusion Bodies Are a Site of Ebolavirus Replication. Journal of Virology, 2012, 86, 11779-11788.	3.4	183
3	Nanopore Sequencing as a Rapidly Deployable Ebola Outbreak Tool. Emerging Infectious Diseases, 2016, 22, 331-4.	4.3	175
4	Ebola virus: unravelling pathogenesis to combat a deadly disease. Trends in Molecular Medicine, 2006, 12, 206-215.	6.7	152
5	A Novel Life Cycle Modeling System for Ebola Virus Shows a Genome Length-Dependent Role of VP24 in Virus Infectivity. Journal of Virology, 2014, 88, 10511-10524.	3.4	134
6	Both matrix proteins of Ebola virus contribute to the regulation of viral genome replication and transcription. Virology, 2010, 403, 56-66.	2.4	131
7	Mutation rate and genotype variation of Ebola virus from Mali case sequences. Science, 2015, 348, 117-119.	12.6	127
8	Infection of NaiÌˆve Target Cells with Virus-Like Particles: Implications for the Function of Ebola Virus VP24. Journal of Virology, 2006, 80, 7260-7264.	3.4	123
9	Therapeutic strategies to target the Ebola virus life cycle. Nature Reviews Microbiology, 2019, 17, 593-606.	28.6	110
10	Oligomerization of Ebola Virus VP40 Is Essential for Particle Morphogenesis and Regulation of Viral Transcription. Journal of Virology, 2010, 84, 7053-7063.	3.4	109
11	Minigenomes, transcription and replication competent virus-like particles and beyond: Reverse genetics systems for filoviruses and other negative stranded hemorrhagic fever viruses. Antiviral Research, 2011, 91, 195-208.	4.1	103
12	Clinical aspects of Marburg hemorrhagic fever. Future Virology, 2011, 6, 1091-1106.	1.8	102
13	Vesicular Stomatitis Virusâ€“Based Ebola Vaccines With Improved Cross-Protective Efficacy. Journal of Infectious Diseases, 2011, 204, S1066-S1074.	4.0	102
14	The Ebola Virus Glycoprotein Contributes to but Is Not Sufficient for Virulence In Vivo. PLoS Pathogens, 2012, 8, e1002847.	4.7	88
15	The Ebola virus ribonucleoprotein complex: A novel VP30â€“L interaction identified. Virus Research, 2009, 140, 8-14.	2.2	84
16	RNA Polymerase I-Driven Minigenome System for Ebola Viruses. Journal of Virology, 2005, 79, 4425-4433.	3.4	78
17	Current ebola vaccines. Expert Opinion on Biological Therapy, 2012, 12, 859-872.	3.1	76
18	In Vitro and In Vivo Characterization of Recombinant Ebola Viruses Expressing Enhanced Green Fluorescent Protein. Journal of Infectious Diseases, 2007, 196, S313-S322.	4.0	74

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19	An Upstream Open Reading Frame Modulates Ebola Virus Polymerase Translation and Virus Replication. PLoS Pathogens, 2013, 9, e1003147.	4.7	66
20	Efficient Budding of the Tacaribe Virus Matrix Protein Z Requires the Nucleoprotein. Journal of Virology, 2010, 84, 3603-3611.	3.4	59
21	Viral Protein Determinants of Lassa Virus Entry and Release from Polarized Epithelial Cells. Journal of Virology, 2010, 84, 3178-3188.	3.4	56
22	A novel Ebola virus expressing luciferase allows for rapid and quantitative testing of antivirals. Antiviral Research, 2013, 99, 207-213.	4.1	55
23	Ebola virus VP24 interacts with NP to facilitate nucleocapsid assembly and genome packaging. Scientific Reports, 2017, 7, 7698.	3.3	55
24	Tacaribe Virus but Not Junin Virus Infection Induces Cytokine Release from Primary Human Monocytes and Macrophages. PLoS Neglected Tropical Diseases, 2011, 5, e1137.	3.0	51
25	Profile and Persistence of the Virus-Specific Neutralizing Humoral Immune Response in Human Survivors of Sudan Ebolavirus (Gulu). Journal of Infectious Diseases, 2013, 208, 299-309.	4.0	47
26	PlasmodiumParasitemia Associated With Increased Survival in Ebola Virusâ€"Infected Patients. Clinical Infectious Diseases, 2016, 63, 1026-1033.	5.8	42
27	A genome-wide siRNA screen identifies a druggable host pathway essential for the Ebola virus life cycle. Genome Medicine, 2018, 10, 58.	8.2	41
28	Molecular characterization of an isolate from the 1989/90 epizootic of Ebola virus Reston among macaques imported into the United States. Virus Research, 2002, 87, 155-163.	2.2	40
29	Rescue of Ebola virus from cDNA using heterologous support proteins. Virus Research, 2004, 106, 43-50.	2.2	33
30	Arenavirus Budding: A Common Pathway with Mechanistic Differences. Viruses, 2013, 5, 528-549.	3.3	29
31	Complete Genome Sequences of Three Ebola Virus Isolates from the 2014 Outbreak in West Africa. Genome Announcements, 2014, 2, .	0.8	28
32	Profiling the Native Specific Human Humoral Immune Response to Sudan Ebola Virus Strain Gulu by Chemiluminescence Enzyme-Linked Immunosorbent Assay. Vaccine Journal, 2012, 19, 1844-1852.	3.1	26
33	The Merits of Malaria Diagnostics during an Ebola Virus Disease Outbreak. Emerging Infectious Diseases, 2016, 22, 323-6.	4.3	25
34	Cleavage of the Junin Virus Nucleoprotein Serves a Decoy Function To Inhibit the Induction of Apoptosis during Infection. Journal of Virology, 2013, 87, 224-233.	3.4	24
35	Ebola Laboratory Response at the Eternal Love Winning Africa Campus, Monrovia, Liberia, 2014â€"2015. Journal of Infectious Diseases, 2016, 214, S169-S176.	4.0	24
36	Molecular Characterization of Human Pathogenic Bunyaviruses of the Nyando and Bwamba/Pongola Virus Groups Leads to the Genetic Identification of MojuÃ-dos Campos and Kaeng Khoi Virus. PLoS Neglected Tropical Diseases, 2014, 8, e3147.	3.0	23

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37	Development and application of reporter-expressing mononegaviruses: Current challenges and perspectives. Antiviral Research, 2014, 103, 78-87.	4.1	22
38	Lifecycle modelling systems support inosine monophosphate dehydrogenase (IMPDH) as a pro-viral factor and antiviral target for New World arenaviruses. Antiviral Research, 2018, 157, 140-150.	4.1	21
39	The role of reverse genetics systems in studying viral hemorrhagic fevers. Thrombosis and Haemostasis, 2005, 94, 240-53.	3.4	20
40	Serological Evidence for the Circulation of Ebolaviruses in Pigs From Sierra Leone. Journal of Infectious Diseases, 2018, 218, S305-S311.	4.0	20
41	Assessing the contribution of interferon antagonism to the virulence of West African Ebola viruses. Nature Communications, 2015, 6, 8000.	12.8	19
42	Maguari Virus Associated with Human Disease. Emerging Infectious Diseases, 2017, 23, 1325-1331.	4.3	19
43	Complete Genome Sequencing of Mosquito and Human Isolates of Ngari Virus. Journal of Virology, 2012, 86, 13846-13847.	3.4	18
44	Complete Genome Sequencing of Four Geographically Diverse Strains of Batai Virus. Journal of Virology, 2012, 86, 13844-13845.	3.4	14
45	Generation and Optimization of a Green Fluorescent Protein-Expressing Transcription and Replication-Competent Virus-Like Particle System for Ebola Virus. Journal of Infectious Diseases, 2018, 218, S360-S364.	4.0	14
46	In Vitro Evaluation of Antisense RNA Efficacy against Filovirus Infection, by Use of Reverse Genetics. Journal of Infectious Diseases, 2007, 196, S382-S389.	4.0	13
47	Apoptosis during arenavirus infection: mechanisms and evasion strategies. Microbes and Infection, 2018, 20, 65-80.	1.9	13
48	High-throughput screening for negative-stranded hemorrhagic fever viruses using reverse genetics. Antiviral Research, 2019, 170, 104569.	4.1	13
49	The New World arenavirus Tacaribe virus induces caspase-dependent apoptosis in infected cells. Journal of General Virology, 2016, 97, 855-866.	2.9	12
50	BH3-only sensors Bad, Noxa and Puma are Key Regulators of Tacaribe virus-induced Apoptosis. PLoS Pathogens, 2020, 16, e1008948.	4.7	12
51	The role of oligomerization for the biological functions of the arenavirus nucleoprotein. Archives of Virology, 2013, 158, 1895-1905.	2.1	11
52	Virusâ€“Host Cell Interactions. Cells, 2022, 11, 804.	4.1	11
53	Assessing cross-reactivity of JunÃn virus-directed neutralizing antibodies. Antiviral Research, 2019, 163, 106-116.	4.1	10
54	Differences in Viral RNA Synthesis but Not Budding or Entry Contribute to the In Vitro Attenuation of Reston Virus Compared to Ebola Virus. Microorganisms, 2020, 8, 1215.	3.6	10

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55	Assessment of the function and intergenus-compatibility of Ebola and Lloviu virus proteins. Journal of General Virology, 2019, 100, 760-772.	2.9	10
56	Remdesivir inhibits the polymerases of the novel filoviruses Lloviu and Bombali virus. Antiviral Research, 2021, 192, 105120.	4.1	8
57	Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. Journal of Infectious Diseases, 2016, 214, S303-S307.	4.0	7
58	Complete genome sequence of Tacaribe virus. Archives of Virology, 2020, 165, 1899-1903.	2.1	6
59	The role of reverse genetics systems in determining filovirus pathogenicity. , 2005, , 157-177.		5
60	Immunization with GP1 but Not Core-like Particles Displaying Isolated Receptor-Binding Epitopes Elicits Virus-Neutralizing Antibodies against JunÃn Virus. Vaccines, 2022, 10, 173.	4.4	5
61	Hemorrhagic Fever Viruses as Biological Weapons. , 2005, , 169-191.		4
62	Complete genome sequence of trivittatus virus. Archives of Virology, 2015, 160, 2637-2639.	2.1	4
63	Spatiotemporal Analysis of Guaroa Virus Diversity, Evolution, and Spread in South America. Emerging Infectious Diseases, 2015, 21, 460-463.	4.3	4
64	Response to Comment on â€œMutation rate and genotype variation of Ebola virus from Mali case sequencesâ€• Science, 2016, 353, 658-658.	12.6	4
65	Forty Years of Ebolavirus Molecular Biology: Understanding a Novel Disease Agent Through the Development and Application of New Technologies. Methods in Molecular Biology, 2017, 1628, 15-38.	0.9	3
66	Generation of Recombinant Ebola Viruses Using Reverse Genetics. Methods in Molecular Biology, 2017, 1628, 177-188.	0.9	3
67	Generation of Reporter-Expressing New World Arenaviruses: A Systematic Comparison. Viruses, 2022, 14, 1563.	3.3	3
68	Detection of Sudan ebolavirus (strain Gulu) epitopes that are targets of the humoral immune response in survivors. International Journal of Infectious Diseases, 2010, 14, e461-e462.	3.3	2
69	CP100356 Hydrochloride, a P-Glycoprotein Inhibitor, Inhibits Lassa Virus Entry: Implication of a Candidate Pan-Mammarenavirus Entry Inhibitor. Viruses, 2021, 13, 1763.	3.3	2