Ãric Bergeron

List of Publications by Year
in descending order

63 papers	5,289 citations	117625 34 h-index	110387 64 g-index
68 all docs	68 docs citations	68 times ranked	8914 citing authors

#	Article	IF	Citations
1	Chloroquine is a potent inhibitor of SARS coronavirus infection and spread. Virology Journal, 2005, 2, 69.	3.4	1,457
2	The Proprotein Convertase PCSK9 Induces the Degradation of Low Density Lipoprotein Receptor (LDLR) and Its Closest Family Members VLDLR and ApoER2. Journal of Biological Chemistry, 2008, 283, 2363-2372.	3.4	402
3	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
4	Ebola Virus Epidemiology, Transmission, and Evolution during Seven Months in Sierra Leone. Cell, 2015, 161, 1516-1526.	28.9	275
5	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
6	Seroepidemiological Studies of Crimean-Congo Hemorrhagic Fever Virus in Domestic and Wild Animals. PLoS Neglected Tropical Diseases, 2016, 10, e0004210.	3.0	144
7	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
8	Genomic analysis of filoviruses associated with four viral hemorrhagic fever outbreaks in Uganda and the Democratic Republic of the Congo in 2012. Virology, 2013, 442, 97-100.	2.4	107
9	ISG15: It's Complicated. Journal of Molecular Biology, 2019, 431, 4203-4216.	4.2	97
10	Structure, Function, and Evolution of the Crimean-Congo Hemorrhagic Fever Virus Nucleocapsid Protein. Journal of Virology, 2012, 86, 10914-10923.	3.4	94
11	Crimean-Congo Hemorrhagic Fever Virus-Encoded Ovarian Tumor Protease Activity Is Dispensable for Virus RNA Polymerase Function. Journal of Virology, 2010, 84, 216-226.	3.4	93
12	Molecular Insights into Crimean-Congo Hemorrhagic Fever Virus. Viruses, 2016, 8, 106.	3.3	92
13	A chronological review of experimental infection studies of the role of wild animals and livestock in the maintenance and transmission of Crimean-Congo hemorrhagic fever virus. Antiviral Research, 2016, 135, 31-47.	4.1	91
14	Crimean-Congo hemorrhagic fever and expansion from endemic regions. Current Opinion in Virology, 2019, 34, 70-78.	5.4	88
15	Crimean-Congo Hemorrhagic Fever Virus Glycoprotein Processing by the Endoprotease SKI-1/S1P Is Critical for Virus Infectivity. Journal of Virology, 2007, 81, 13271-13276.	3.4	76
16	A DNA vaccine for Crimean-Congo hemorrhagic fever protects against disease and death in two lethal mouse models. PLoS Neglected Tropical Diseases, 2017, 11, e0005908.	3.0	76
17	Efficient Reverse Genetics Generation of Infectious Junin Viruses Differing in Glycoprotein Processing. Journal of Virology, 2009, 83, 5606-5614.	3.4	75
18	The Major Determinant of Attenuation in Mice of the Candid1 Vaccine for Argentine Hemorrhagic Fever Is Located in the G2 Glycoprotein Transmembrane Domain. Journal of Virology, 2011, 85, 10404-10408.	3.4	73

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19	Implication of proprotein convertases in the processing and spread of severe acute respiratory syndrome coronavirus. Biochemical and Biophysical Research Communications, 2005, 326, 554-563.	2.1	71
20	Crimean-Congo Hemorrhagic Fever Virus Suppresses Innate Immune Responses via a Ubiquitin and ISG15 Specific Protease. Cell Reports, 2017, 20, 2396-2407.	6.4	64
21	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
22	Recovery of Recombinant Crimean Congo Hemorrhagic Fever Virus Reveals a Function for Non-structural Glycoproteins Cleavage by Furin. PLoS Pathogens, 2015, 11, e1004879.	4.7	61
23	Inhibitors of cellular kinases with broad-spectrum antiviral activity for hemorrhagic fever viruses. Antiviral Research, 2015, 120, 40-47.	4.1	59
24	Statins Suppress Ebola Virus Infectivity by Interfering with Glycoprotein Processing. MBio, 2018, 9, .	4.1	58
25	Processing of alpha4 integrin by the proprotein convertases: histidine at position P6 regulates cleavage. Biochemical Journal, 2003, 373, 475-484.	3.7	56
26	ICTV Virus Taxonomy Profile: Nairoviridae. Journal of General Virology, 2020, 101, 798-799.	2.9	56
27	25-Hydroxycholesterol Inhibition of Lassa Virus Infection through Aberrant GP1 Glycosylation. MBio, 2016, 7, .	4.1	55
28	A Virus-Like Particle System Identifies the Endonuclease Domain of Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2015, 89, 5957-5967.	3.4	54
29	Prognostic Indicators for Ebola Patient Survival. Emerging Infectious Diseases, 2016, 22, 217-223.	4.3	53
30	Identification of 2â€²-deoxy-2â€²-fluorocytidine as a potent inhibitor of Crimean-Congo hemorrhagic fever virus replication using a recombinant fluorescent reporter virus. Antiviral Research, 2017, 147, 91-99.	4.1	52
31	How ISG15 combats viral infection. Virus Research, 2020, 286, 198036.	2.2	51
32	Ebola Virus Disease in Pregnancy: Clinical, Histopathologic, and Immunohistochemical Findings. Journal of Infectious Diseases, 2017, 215, 64-69.	4.0	48
33	A genome-wide CRISPR screen identifies N-acetylglucosamine-1-phosphate transferase as a potential antiviral target for Ebola virus. Nature Communications, 2019, 10, 285.	12.8	46
34	Crimean-Congo Hemorrhagic Fever in Humanized Mice Reveals Glial Cells as Primary Targets of Neurological Infection. Journal of Infectious Diseases, 2017, 216, 1386-1397.	4.0	43
35	Identification of broadly neutralizing monoclonal antibodies against Crimean-Congo hemorrhagic fever virus. Antiviral Research, 2017, 146, 112-120.	4.1	40
36	Reverse Genetics Generation of Chimeric Infectious Junin/Lassa Virus Is Dependent on Interaction of Homologous Glycoprotein Stable Signal Peptide and G2 Cytoplasmic Domains. Journal of Virology, 2011, 85, 112-122.	3.4	38

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37	Assessment of Inhibitors of Pathogenic Crimean-Congo Hemorrhagic Fever Virus Strains Using Virus-Like Particles. PLoS Neglected Tropical Diseases, 2015, 9, e0004259.	3.0	37
38	Reverse Genetics Recovery of Lujo Virus and Role of Virus RNA Secondary Structures in Efficient Virus Growth. Journal of Virology, 2012, 86, 10759-10765.	3.4	36
39	Single-dose replicon particle vaccine provides complete protection against Crimean-Congo hemorrhagic fever virus in mice. Emerging Microbes and Infections, 2019, 8, 575-578.	6.5	36
40	The interplays between Crimean-Congo hemorrhagic fever virus (CCHFV) M segment-encoded accessory proteins and structural proteins promote virus assembly and infectivity. PLoS Pathogens, 2020, 16, e1008850.	4.7	34
41	RIG-I Mediates an Antiviral Response to Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2015, 89, 10219-10229.	3.4	33
42	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
43	Biochemical and Structural Insights into the Preference of Nairoviral DeISGylases for Interferon-Stimulated Gene Product 15 Originating from Certain Species. Journal of Virology, 2016, 90, 8314-8327.	3.4	28
44	Probing the impact of nairovirus genomic diversity on viral ovarian tumor domain protease (vOTU) structure and deubiquitinase activity. PLoS Pathogens, 2019, 15, e1007515.	4.7	26
45	Ebola Virus Disease Diagnostics, Sierra Leone: Analysis of Real-time Reverse Transcriptionâ€“Polymerase Chain Reaction Values for Clinical Blood and Oral Swab Specimens. Journal of Infectious Diseases, 2016, 214, S258-S262.	4.0	23
46	Severe Hemorrhagic Fever in Strain 13/N Guinea Pigs Infected with Lujo Virus. PLoS Neglected Tropical Diseases, 2012, 6, e1801.	3.0	19
47	Fluorescent Crimean-Congo hemorrhagic fever virus illuminates tissue tropism patterns and identifies early mononuclear phagocytic cell targets in Ifnar-/- mice. PLoS Pathogens, 2019, 15, e1008183.	4.7	19
48	Rapid development of neutralizing and diagnostic SARS-COV-2 mouse monoclonal antibodies. Scientific Reports, 2021, 11, 9682.	3.3	18
49	Heterologous protection against Crimean-Congo hemorrhagic fever in mice after a single dose of replicon particle vaccine. Antiviral Research, 2019, 170, 104573.	4.1	17
50	Stable Occupancy of the Crimean-Congo Hemorrhagic Fever Virus-Encoded Deubiquitinase Blocks Viral Infection. MBio, 2019, 10, .	4.1	12
51	The Crimean-Congo Hemorrhagic Fever Virus NSm Protein Is Dispensable for Growth In Vitro and Disease in Ifnar-/- Mice. Microorganisms, 2020, 8, 775.	3.6	12
52	Identification of a novel lineage of Crimeanâ€“Congo haemorrhagic fever virus in dromedary camels, United Arab Emirates. Journal of General Virology, 2021, 102, .	2.9	12
53	High-throughput quantitation of SARS-CoV-2 antibodies in a single-dilution homogeneous assay. Scientific Reports, 2021, 11, 12330.	3.3	12
54	A single mutation in Crimean-Congo hemorrhagic fever virus discovered in ticks impairs infectivity in human cells. ELife, 2020, 9, .	6.0	12

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55	Immunobiology of Crimean-Congo hemorrhagic fever. Antiviral Research, 2022, 199, 105244.	4.1	12
56	A Molecular Sensor To Characterize Arenavirus Envelope Glycoprotein Cleavage by Subtilisin Kexin Isozyme 1/Site 1 Protease. Journal of Virology, 2016, 90, 705-714.	3.4	11
57	History and classification of Aigai virus (formerly Crimeanâ€“Congo haemorrhagic fever virus genotype) Tj ETQq1 1 0.784314 rgBT /Ove	2.9	11
58	Determining the molecular drivers of species-specific interferon-stimulated gene product 15 interactions with nairovirus ovarian tumor domain proteases. PLoS ONE, 2019, 14, e0226415.	2.5	9
59	Viral replicon particles protect IFNAR-/- mice against lethal Crimean-Congo hemorrhagic fever virus challenge three days after vaccination. Antiviral Research, 2021, 191, 105090.	4.1	9
60	Screening and Identification of Lujo Virus Inhibitors Using a Recombinant Reporter Virus Platform. Viruses, 2021, 13, 1255.	3.3	7
61	The DEVD motif of Crimean-Congo hemorrhagic fever virus nucleoprotein is essential for viral replication in tick cells. Emerging Microbes and Infections, 2018, 7, 1-5.	6.5	6
62	Performance of SARS-CoV-2 Antigens in a Multiplex Bead Assay for Integrated Serological Surveillance of Neglected Tropical and Other Diseases. American Journal of Tropical Medicine and Hygiene, 2022, 107, 260-267.	1.4	4
63	The Structure and Immune Regulatory Implications of the Ubiquitin-Like Tandem Domain Within an Avian 2â€™-5â€™ Oligoadenylate Synthetase-Like Protein. Frontiers in Immunology, 2021, 12, 794664.	4.8	1