

Robert W Cross

List of Publications by Year in descending order

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67
papers

3,152
citations

172457

29
h-index

189892

50
g-index

76
all docs

76
docs citations

76
times ranked

4445
citing authors

#	ARTICLE	IF	CITATIONS
1	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	347
2	Lassa Fever in Post-Conflict Sierra Leone. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2748.	3.0	172
3	Establishment of an African green monkey model for COVID-19 and protection against re-infection. <i>Nature Immunology</i> , 2021, 22, 86-98.	14.5	162
4	Most neutralizing human monoclonal antibodies target novel epitopes requiring both Lassa virus glycoprotein subunits. <i>Nature Communications</i> , 2016, 7, 11544.	12.8	148
5	Pathogenic Differences between Nipah Virus Bangladesh and Malaysia Strains in Primates: Implications for Antibody Therapy. <i>Scientific Reports</i> , 2016, 6, 30916.	3.3	121
6	Genetic Diversity and Histo-Blood Group Antigen Interactions of Rhesus Enteric Caliciviruses. <i>Journal of Virology</i> , 2010, 84, 8617-8625.	3.4	113
7	Post-exposure treatments for Ebola and Marburg virus infections. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 413-434.	46.4	104
8	Human-monoclonal-antibody therapy protects nonhuman primates against advanced Lassa fever. <i>Nature Medicine</i> , 2017, 23, 1146-1149.	30.7	95
9	A Two-Antibody Pan-Ebolavirus Cocktail Confers Broad Therapeutic Protection in Ferrets and Nonhuman Primates. <i>Cell Host and Microbe</i> , 2019, 25, 49-58.e5.	11.0	82
10	The Domestic Ferret (<i>Mustela putorius furo</i>) as a Lethal Infection Model for 3 Species of Ebolavirus. <i>Journal of Infectious Diseases</i> , 2016, 214, 565-569.	4.0	80
11	The immunomodulating V and W proteins of Nipah virus determine disease course. <i>Nature Communications</i> , 2015, 6, 7483.	12.8	78
12	Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebolavirus Neutralization. <i>Immunity</i> , 2020, 52, 388-403.e12.	14.3	71
13	Single injection recombinant vesicular stomatitis virus vaccines protect ferrets against lethal Nipah virus disease. <i>Virology Journal</i> , 2013, 10, 353.	3.4	64
14	Treatment of Lassa virus infection in outbred guinea pigs with first-in-class human monoclonal antibodies. <i>Antiviral Research</i> , 2016, 133, 218-222.	4.1	57
15	Intranasal exposure of African green monkeys to SARS-CoV-2 results in acute phase pneumonia with shedding and lung injury still present in the early convalescence phase. <i>Virology Journal</i> , 2020, 17, 125.	3.4	54
16	Transcriptome Analysis of Circulating Immune Cell Subsets Highlight the Role of Monocytes in Zaire Ebola Virus Makona Pathogenesis. <i>Frontiers in Immunology</i> , 2017, 8, 1372.	4.8	49
17	A single dose investigational subunit vaccine for human use against Nipah virus and Hendra virus. <i>Npj Vaccines</i> , 2021, 6, 23.	6.0	45
18	Modeling the Disease Course of Zaire ebolavirus Infection in the Outbred Guinea Pig. <i>Journal of Infectious Diseases</i> , 2015, 212, S305-S315.	4.0	43

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19	Vesicular Stomatitis Virus-Based Vaccine Protects Mice against Crimean-Congo Hemorrhagic Fever. <i>Scientific Reports</i> , 2019, 9, 7755.	3.3	43
20	Nipah Virus C and W Proteins Contribute to Respiratory Disease in Ferrets. <i>Journal of Virology</i> , 2016, 90, 6326-6343.	3.4	41
21	Quadrivalent VesiculoVax vaccine protects nonhuman primates from viral-induced hemorrhagic fever and death. <i>Journal of Clinical Investigation</i> , 2019, 130, 539-551.	8.2	40
22	Field validation of recombinant antigen immunoassays for diagnosis of Lassa fever. <i>Scientific Reports</i> , 2018, 8, 5939.	3.3	39
23	Convergent Structures Illuminate Features for Germline Antibody Binding and Pan-Lassa Virus Neutralization. <i>Cell</i> , 2019, 178, 1004-1015.e14.	28.9	39
24	A Cross-Reactive Humanized Monoclonal Antibody Targeting Fusion Glycoprotein Function Protects Ferrets Against Lethal Nipah Virus and Hendra Virus Infection. <i>Journal of Infectious Diseases</i> , 2020, 221, S471-S479.	4.0	39
25	Comparison of the Pathogenesis of the Angola and Ravn Strains of Marburg Virus in the Outbred Guinea Pig Model. <i>Journal of Infectious Diseases</i> , 2015, 212, S258-S270.	4.0	38
26	Combination therapy protects macaques against advanced Marburg virus disease. <i>Nature Communications</i> , 2021, 12, 1891.	12.8	37
27	Development of a SARS-CoV-2 Vaccine Candidate Using Plant-Based Manufacturing and a Tobacco Mosaic Virus-like Nano-Particle. <i>Vaccines</i> , 2021, 9, 1347.	4.4	37
28	Analytical Validation of the ReEBOV Antigen Rapid Test for Point-of-Care Diagnosis of Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, S210-S217.	4.0	35
29	Infection with the Makona variant results in a delayed and distinct host immune response compared to previous Ebola virus variants. <i>Scientific Reports</i> , 2017, 7, 9730.	3.3	35
30	An Outbreak of Ebola Virus Disease in the Lassa Fever Zone. <i>Journal of Infectious Diseases</i> , 2016, 214, S110-S121.	4.0	34
31	Multiple Circulating Infections Can Mimic the Early Stages of Viral Hemorrhagic Fevers and Possible Human Exposure to Filoviruses in Sierra Leone Prior to the 2014 Outbreak. <i>Viral Immunology</i> , 2015, 28, 19-31.	1.3	33
32	Broadly neutralizing antibody cocktails targeting Nipah virus and Hendra virus fusion glycoproteins. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 426-434.	8.2	33
33	Development of Prototype Filovirus Recombinant Antigen Immunoassays. <i>Journal of Infectious Diseases</i> , 2015, 212, S359-S367.	4.0	30
34	Field Validation of the ReEBOV Antigen Rapid Test for Point-of-Care Diagnosis of Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, S203-S209.	4.0	29
35	Postexposure Efficacy of Recombinant Vesicular Stomatitis Virus Vectors Against High and Low Doses of Marburg Virus Variant Angola in Nonhuman Primates. <i>Journal of Infectious Diseases</i> , 2018, 218, S582-S587.	4.0	28
36	Antibody therapy for Lassa fever. <i>Current Opinion in Virology</i> , 2019, 37, 97-104.	5.4	28

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37	Potent Henipavirus Neutralization by Antibodies Recognizing Diverse Sites on Hendra and Nipah Virus Receptor Binding Protein. <i>Cell</i> , 2020, 183, 1536-1550.e17.	28.9	28
38	Structure and Characterization of Crimean-Congo Hemorrhagic Fever Virus GP38. <i>Journal of Virology</i> , 2020, 94, .	3.4	28
39	A recombinant VSV-vectored vaccine rapidly protects nonhuman primates against lethal Nipah virus disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200065119.	7.1	27
40	siRNA rescues nonhuman primates from advanced Marburg and Ravn virus disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 4437-4448.	8.2	26
41	Use of convalescent serum reduces severity of COVID-19 in nonhuman primates. <i>Cell Reports</i> , 2021, 34, 108837.	6.4	23
42	Recombinant Protein Filovirus Vaccines Protect Cynomolgus Macaques From Ebola, Sudan, and Marburg Viruses. <i>Frontiers in Immunology</i> , 2021, 12, 703986.	4.8	23
43	A VP35 Mutant Ebola Virus Lacks Virulence but Can Elicit Protective Immunity to Wild-Type Virus Challenge. <i>Cell Reports</i> , 2019, 28, 3032-3046.e6.	6.4	22
44	Immune correlates of postexposure vaccine protection against Marburg virus. <i>Scientific Reports</i> , 2020, 10, 3071.	3.3	22
45	Ebola vaccine-induced protection in nonhuman primates correlates with antibody specificity and Fc-mediated effects. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	22
46	Resistance of Cynomolgus Monkeys to Nipah and Hendra Virus Disease Is Associated With Cell-Mediated and Humoral Immunity. <i>Journal of Infectious Diseases</i> , 2020, 221, S436-S447.	4.0	21
47	Small animal models of filovirus disease: recent advances and future directions. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 1027-1040.	5.0	19
48	Antagonism of STAT1 by Nipah virus P gene products modulates disease course but not lethal outcome in the ferret model. <i>Scientific Reports</i> , 2019, 9, 16710.	3.3	19
49	Crimean-Congo hemorrhagic fever virus strains Hoti and Afghanistan cause viremia and mild clinical disease in cynomolgus monkeys. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008637.	3.0	18
50	An Intranasal Exposure Model of Lethal Nipah Virus Infection in African Green Monkeys. <i>Journal of Infectious Diseases</i> , 2020, 221, S414-S418.	4.0	17
51	Rational design of universal immunotherapy for TfR1-tropic arenaviruses. <i>Nature Communications</i> , 2020, 11, 67.	12.8	16
52	Comparative Transcriptomics in Ebola Makona-Infected Ferrets, Nonhuman Primates, and Humans. <i>Journal of Infectious Diseases</i> , 2018, 218, S486-S495.	4.0	15
53	Antibodies from Sierra Leonean and Nigerian Lassa fever survivors cross-react with recombinant proteins representing Lassa viruses of divergent lineages. <i>Scientific Reports</i> , 2020, 10, 16030.	3.3	15
54	Efficacy of Human Monoclonal Antibody Monotherapy Against Bundibugyo Virus Infection in Nonhuman Primates. <i>Journal of Infectious Diseases</i> , 2018, 218, S565-S573.	4.0	13

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55	Marburg and Ravn Viruses Fail to Cause Disease in the Domestic Ferret (<i>Mustela putorius furo</i>). <i>Journal of Infectious Diseases</i> , 2018, 218, S448-S452.	4.0	13
56	Endotheliopathy and Platelet Dysfunction as Hallmarks of Fatal Lassa Fever. <i>Emerging Infectious Diseases</i> , 2020, 26, 2625-2637.	4.3	13
57	Prior vaccination with rVSV-ZEBOV does not interfere with but improves efficacy of postexposure antibody treatment. <i>Nature Communications</i> , 2020, 11, 3736.	12.8	11
58	Old World Hantaviruses in Rodents in New Orleans, Louisiana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 897-901.	1.4	10
59	Early Transcriptional Changes within Liver, Adrenal Gland, and Lymphoid Tissues Significantly Contribute to Ebola Virus Pathogenesis in <i>Cynomolgus</i> Macaques. <i>Journal of Virology</i> , 2020, 94, .	3.4	8
60	Therapy for Argentine hemorrhagic fever in nonhuman primates with a humanized monoclonal antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
61	Reversion of Ebolavirus Disease from a Single Intramuscular Injection of a Pan-Ebolavirus Immunotherapeutic. <i>Pathogens</i> , 2022, 11, 655.	2.8	5
62	Use of reverse genetics to inform Ebola outbreak responses. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 925-927.	9.1	3
63	ELISA Methods for the Detection of Ebolavirus Infection. <i>Methods in Molecular Biology</i> , 2017, 1628, 363-372.	0.9	3
64	Transcriptional Analysis of Lymphoid Tissues from Infected Nonhuman Primates Reveals the Basis for Attenuation and Immunogenicity of an Ebola Virus Encoding a Mutant VP35 Protein. <i>Journal of Virology</i> , 2021, 95, .	3.4	2
65	Production of Antigens for ELISA. <i>Methods in Molecular Biology</i> , 2017, 1628, 353-362.	0.9	2
66	Old World Hantavirus Infection in <i>Rattus</i> Species and Risk Management in Urban Neighborhoods of New Orleans, Louisiana. <i>Proceedings of the Vertebrate Pest Conference</i> , 2012, 25, .	0.1	0
67	Dengue virus-pandemic influenza virus co-infection results in enhanced influenza virus replication through inhibition of apoptosis. <i>Retrovirology</i> , 2012, 9, .	2.0	0