

Anna N Honko

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

4,787
citations

117625

34
h-index

98798

67
g-index

80
all docs

80
docs citations

80
times ranked

7434
citing authors

#	ARTICLE	IF	CITATIONS
1	Postexposure protection of non-human primates against a lethal Ebola virus challenge with RNA interference: a proof-of-concept study. <i>Lancet, The</i> , 2010, 375, 1896-1905.	13.7	414
2	Chimpanzee adenovirus vaccine generates acute and durable protective immunity against ebolavirus challenge. <i>Nature Medicine</i> , 2014, 20, 1126-1129.	30.7	311
3	Cellular Nanosponges Inhibit SARS-CoV-2 Infectivity. <i>Nano Letters</i> , 2020, 20, 5570-5574.	9.1	262
4	Flagellin Is an Effective Adjuvant for Immunization against Lethal Respiratory Challenge with <i>Yersinia pestis</i> . <i>Infection and Immunity</i> , 2006, 74, 1113-1120.	2.2	250
5	A broad-spectrum antiviral targeting entry of enveloped viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3157-3162.	7.1	214
6	CD8+ cellular immunity mediates rAd5 vaccine protection against Ebola virus infection of nonhuman primates. <i>Nature Medicine</i> , 2011, 17, 1128-1131.	30.7	200
7	Long-term sequelae after Ebola virus disease in Bundibugyo, Uganda: a retrospective cohort study. <i>Lancet Infectious Diseases, The</i> , 2015, 15, 905-912.	9.1	193
8	Induction of Macrophage Nitric Oxide Production by Gram-Negative Flagellin Involves Signaling Via Heteromeric Toll-Like Receptor 5/Toll-Like Receptor 4 Complexes. <i>Journal of Immunology</i> , 2003, 170, 6217-6223.	0.8	177
9	Recombinant Adenovirus Serotype 26 (Ad26) and Ad35 Vaccine Vectors Bypass Immunity to Ad5 and Protect Nonhuman Primates against Ebolavirus Challenge. <i>Journal of Virology</i> , 2011, 85, 4222-4233.	3.4	176
10	Effects of Flagellin on Innate and Adaptive Immunity. <i>Immunologic Research</i> , 2005, 33, 083-102.	2.9	137
11	Enhanced methods for unbiased deep sequencing of Lassa and Ebola RNA viruses from clinical and biological samples. <i>Genome Biology</i> , 2014, 15, 519.	8.8	129
12	The pathogenesis of Rift Valley fever virus in the mouse model. <i>Virology</i> , 2010, 407, 256-267.	2.4	122
13	Mucosal Administration of Flagellin Induces Innate Immunity in the Mouse Lung. <i>Infection and Immunity</i> , 2004, 72, 6676-6679.	2.2	112
14	Demonstration of Cross-Protective Vaccine Immunity against an Emerging Pathogenic Ebolavirus Species. <i>PLoS Pathogens</i> , 2010, 6, e1000904.	4.7	106
15	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.	2.1	99
16	Memory B cell repertoire for recognition of evolving SARS-CoV-2 spike. <i>Cell</i> , 2021, 184, 4969-4980.e15.	28.9	94
17	Interferon- β Therapy Prolongs Survival in Rhesus Macaque Models of Ebola and Marburg Hemorrhagic Fever. <i>Journal of Infectious Diseases</i> , 2013, 208, 310-318.	4.0	93
18	Pathology of Experimental Aerosol Zaire Ebolavirus Infection in Rhesus Macaques. <i>Veterinary Pathology</i> , 2013, 50, 514-529.	1.7	87

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19	Pyridinyl imidazole inhibitors of p38 MAP kinase impair viral entry and reduce cytokine induction by Zaire ebolavirus in human dendritic cells. <i>Antiviral Research</i> , 2014, 107, 102-109.	4.1	69
20	Ebola Virus Exploits a Monocyte Differentiation Program To Promote Its Entry. <i>Journal of Virology</i> , 2013, 87, 3801-3814.	3.4	60
21	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.	2.1	59
22	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.	2.1	54
23	In vivo Ebola virus infection leads to a strong innate response in circulating immune cells. <i>BMC Genomics</i> , 2016, 17, 707.	2.8	54
24	A point-of-care diagnostic for differentiating Ebola from endemic febrile diseases. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	54
25	An AAV-based, room-temperature-stable, single-dose COVID-19 vaccine provides durable immunogenicity and protection in non-human primates. <i>Cell Host and Microbe</i> , 2021, 29, 1437-1453.e8.	11.0	53
26	Mucosal adjuvant activity of flagellin in aged mice. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 271-281.	4.6	52
27	Circulating microRNA profiles of Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 24496.	3.3	50
28	Monoclonal antibody therapy for Junin virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4458-4463.	7.1	50
29	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. <i>Viruses</i> , 2014, 6, 3663-3682.	3.3	49
30	Surface Glycan Modification of Cellular Nanosponges to Promote SARS-CoV-2 Inhibition. <i>Journal of the American Chemical Society</i> , 2021, 143, 17615-17621.	13.7	46
31	Potential Vaccines and Post-Exposure Treatments for Filovirus Infections. <i>Viruses</i> , 2012, 4, 1619-1650.	3.3	44
32	Ebola Virus Genome Plasticity as a Marker of Its Passaging History: A Comparison of In Vitro Passaging to Non-Human Primate Infection. <i>PLoS ONE</i> , 2012, 7, e50316.	2.5	44
33	Optimized microRNA purification from TRIzol-treated plasma. <i>BMC Genomics</i> , 2015, 16, 95.	2.8	43
34	Therapeutics of Ebola Hemorrhagic Fever: Whole-Genome Transcriptional Analysis of Successful Disease Mitigation. <i>Journal of Infectious Diseases</i> , 2011, 204, S1043-S1052.	4.0	38
35	Detailed Analysis of the African Green Monkey Model of Nipah Virus Disease. <i>PLoS ONE</i> , 2015, 10, e0117817.	2.5	38
36	Transcriptional Profiling of the Circulating Immune Response to Lassa Virus in an Aerosol Model of Exposure. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2171.	3.0	36

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37	Use of Unamplified RNA/cDNAâ€“Hybrid Nanopore Sequencing for Rapid Detection and Characterization of RNA Viruses. <i>Emerging Infectious Diseases</i> , 2016, 22, 1448-1451.	4.3	36
38	Necrotizing Scleritis, Conjunctivitis, and Other Pathologic Findings in the Left Eye and Brain of an Ebola Virusâ€“Infected Rhesus Macaque (<i>Macaca mulatta</i>) With Apparent Recovery and a Delayed Time of Death. <i>Journal of Infectious Diseases</i> , 2016, 213, 57-60.	4.0	34
39	Virus-encoded miRNAs in Ebola virus disease. <i>Scientific Reports</i> , 2018, 8, 6480.	3.3	34
40	Dissecting strategies to tune the therapeutic potential of SARS-CoV-2â€“specific monoclonal antibody CR3022. <i>JCI Insight</i> , 2021, 6, .	5.0	34
41	Real-time Monitoring of Cardiovascular Function in Rhesus Macaques Infected With Zaire ebolavirus. <i>Journal of Infectious Diseases</i> , 2011, 204, S1000-S1010.	4.0	33
42	Testing therapeutics in cell-based assays: Factors that influence the apparent potency of drugs. <i>PLoS ONE</i> , 2018, 13, e0194880.	2.5	31
43	Lassa and Marburg viruses elicit distinct host transcriptional responses early after infection. <i>BMC Genomics</i> , 2014, 15, 960.	2.8	29
44	Ebola Virus Infections in Nonhuman Primates Are Temporally Influenced by Glycoprotein Poly-U Editing Site Populations in the Exposure Material. <i>Viruses</i> , 2015, 7, 6739-6754.	3.3	29
45	Ultrastructural study of Rift Valley fever virus in the mouse model. <i>Virology</i> , 2012, 431, 58-70.	2.4	28
46	Development and Evaluation of a Panel of Filovirus Sequence Capture Probes for Pathogen Detection by Next-Generation Sequencing. <i>PLoS ONE</i> , 2014, 9, e107007.	2.5	28
47	Evaluation of the Activity of Lamivudine and Zidovudine against Ebola Virus. <i>PLoS ONE</i> , 2016, 11, e0166318.	2.5	28
48	Temporal Characterization of Marburg Virus Angola Infection following Aerosol Challenge in Rhesus Macaques. <i>Journal of Virology</i> , 2015, 89, 9875-9885.	3.4	24
49	Detection of <i>Aeromonas caviae</i> in the common housefly <i>Musca domestica</i> by culture and polymerase chain reaction. <i>Epidemiology and Infection</i> , 2001, 127, 561-566.	2.1	22
50	Transcriptional Correlates of Disease Outcome in Anticoagulant-Treated Non-Human Primates Infected with Ebolavirus. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3061.	3.0	22
51	Euthanasia Assessment in Ebola Virus Infected Nonhuman Primates. <i>Viruses</i> , 2014, 6, 4666-4682.	3.3	22
52	In Vitro and In Vivo Activity of Amiodarone Against Ebola Virus. <i>Journal of Infectious Diseases</i> , 2018, 218, S592-S596.	4.0	21
53	Nipah virus persists in the brains of nonhuman primate survivors. <i>JCI Insight</i> , 2019, 4, .	5.0	21
54	High dose sertraline monotherapy fails to protect rhesus macaques from lethal challenge with Ebola virus Makona. <i>Scientific Reports</i> , 2017, 7, 5886.	3.3	20

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55	Fully Human Immunoglobulin G From Transchromosomal Bovines Treats Nonhuman Primates Infected With Ebola Virus Makona Isolate. <i>Journal of Infectious Diseases</i> , 2018, 218, S636-S648.	4.0	19
56	Critical role for cholesterol in Lassa fever virus entry identified by a novel small molecule inhibitor targeting the viral receptor LAMP1. <i>PLoS Pathogens</i> , 2018, 14, e1007322.	4.7	18
57	In Vivo Activity of Amodiaquine against Ebola Virus Infection. <i>Scientific Reports</i> , 2019, 9, 20199.	3.3	16
58	Comparative Transcriptomics in Ebola Makona-Infected Ferrets, Nonhuman Primates, and Humans. <i>Journal of Infectious Diseases</i> , 2018, 218, S486-S495.	4.0	15
59	Natural History of Aerosol Induced Lassa Fever in Non-Human Primates. <i>Viruses</i> , 2020, 12, 593.	3.3	14
60	Essentials of filoviral load quantification. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e134-e138.	9.1	13
61	Fecal Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-Cov-2) RNA Is Associated With Decreased Coronavirus Disease 2019 (COVID-19) Survival. <i>Clinical Infectious Diseases</i> , 2022, 74, 1081-1084.	5.8	12
62	A Modular Biomaterial Scaffold-Based Vaccine Elicits Durable Adaptive Immunity to Subunit SARS-CoV-2 Antigens. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101370.	7.6	10
63	Interferon- β and Interferon- γ Are Weak Inhibitors of Ebola Virus in Cell-Based Assays. <i>Journal of Infectious Diseases</i> , 2017, 215, 1416-1420.	4.0	9
64	Comparison of respiratory inductive plethysmography versus head-out plethysmography for anesthetized nonhuman primates in an animal biosafety level 4 facility. <i>Inhalation Toxicology</i> , 2016, 28, 670-676.	1.6	8
65	IMM-BCP-01, a patient-derived anti-SARS-CoV-2 antibody cocktail, is active across variants of concern including Omicron BA.1 and BA.2. <i>Science Immunology</i> , 2022, 7, .	11.9	8
66	Previremic Identification of Ebola or Marburg Virus Infection Using Integrated Host-Transcriptome and Viral Genome Detection. <i>MBio</i> , 2020, 11, .	4.1	6
67	Natural History of Aerosol-Induced Ebola Virus Disease in Rhesus Macaques. <i>Viruses</i> , 2021, 13, 2297.	3.3	4
68	Detecting Pathogen Exposure During the Non-symptomatic Incubation Period Using Physiological Data: Proof of Concept in Non-human Primates. <i>Frontiers in Physiology</i> , 2021, 12, 691074.	2.8	2
69	Detailed analysis of the pathologic hallmarks of Nipah virus (Malaysia) disease in the African green monkey infected by the intratracheal route. <i>PLoS ONE</i> , 2022, 17, e0263834.	2.5	2
70	Arenaviruses. , 2015, , 501-541.		1
71	Therapeutic Potential of SARS-CoV-2-Specific Monoclonal Antibody CR3022. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
72	Overlooking the importance of immunoassays - Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1110.	9.1	0