Darci R Smith

List of Publications by Year
in descending order

43 papers	1,828 citations	257450 24 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	2980 citing authors

#	Article	IF	Citations
1	The Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) mRNA Vaccine-Breakthrough Infection Phenotype Includes Significant Symptoms, Live Virus Shedding, and Viral Genetic Diversity. Clinical Infectious Diseases, 2022, 74, 897-900.	5.8	24
2	A Case of Early Reinfection With Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). Clinical Infectious Diseases, 2021, 73, e2827-e2828.	5.8	75
3	Blood Biomarkers for Detection of Brain Injury in COVID-19 Patients. Journal of Neurotrauma, 2021, 38, 1-43.	3.4	68
4	Viable virus shedding during SARS-CoV-2 reinfection. Lancet Respiratory Medicine,the, 2021, 9, e56-e57.	10.7	11
5	The utilization of advance telemetry to investigate critical physiological parameters including electroencephalography in cynomolgus macaques following aerosol challenge with eastern equine encephalitis virus. PLoS Neglected Tropical Diseases, 2021, 15, e0009424.	3.0	6
6	Host response transcriptomic analysis of Crimean-Congo hemorrhagic fever pathogenesis in the cynomolgus macaque model. Scientific Reports, 2021, 11, 19807.	3.3	6
7	Genomic and Virological Characterization of SARS-CoV-2 Variants in a Subset of Unvaccinated and Vaccinated U.S. Military Personnel. Frontiers in Medicine, 2021, 8, 836658.	2.6	4
8	Comparative pathology study of Venezuelan, eastern, and western equine encephalitis viruses in non-human primates. Antiviral Research, 2020, 182, 104875.	4.1	12
9	Theoretical risk of genetic reassortment should not impede development of live, attenuated Rift Valley fever (RVF) vaccines commentary on the draft WHO RVF Target Product Profile. Vaccine: X, 2020, 5, 100060.	2.1	3
10	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. Nature Medicine, 2020, 26, 228-235.	30.7	61
11	Animal Models for Crimean-Congo Hemorrhagic Fever Human Disease. Viruses, 2019, 11, 590.	3.3	51
12	Endless Forms: Within-Host Variation in the Structure of the West Nile Virus RNA Genome during Serial Passage in Bird Hosts. MSphere, 2019, 4, .	2.9	5
13	Persistent Crimean-Congo hemorrhagic fever virus infection in the testes and within granulomas of non-human primates with latent tuberculosis. PLoS Pathogens, 2019, 15, e1008050.	4.7	32
14	Characterization of Brain Inflammation, Apoptosis, Hypoxia, Blood-Brain Barrier Integrity and Metabolism in Venezuelan Equine Encephalitis Virus (VEEV TC-83) Exposed Mice by In Vivo Positron Emission Tomography Imaging. Viruses, 2019, 11, 1052.	3.3	16
15	Could PET imaging provide insights into Zika virus neurological sequelae progression?. Future Virology, 2018, 13, 75-78.	1.8	0
16	A novel sheet-like virus particle array is a hallmark of Zika virus infection. Emerging Microbes and Infections, 2018, 7, 1-11.	6.5	13
17	[18F]DPA-714 PET Imaging Reveals Global Neuroinflammation in Zika Virus-Infected Mice. Molecular Imaging and Biology, 2018, 20, 275-283.	2.6	21
18	Countering Zika Virus: The USAMRIID Response. Advances in Experimental Medicine and Biology, 2018, 1062, 303-318.	1.6	3

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19	Attenuation and efficacy of live-attenuated Rift Valley fever virus vaccine candidates in non-human primates. PLoS Neglected Tropical Diseases, 2018, 12, e0006474.	3.0	24
20	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. American Journal of Tropical Medicine and Hygiene, 2018, 98, 432-444.	1.4	65
21	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. Cell Reports, 2017, 19, 709-718.	6.4	67
22	Neuropathogenesis of Zika Virus in a Highly Susceptible Immunocompetent Mouse Model after Antibody Blockade of Type I Interferon. PLoS Neglected Tropical Diseases, 2017, 11, e0005296.	3.0	103
23	Experimental Evolution of an RNA Virus in Wild Birds: Evidence for Host-Dependent Impacts on Population Structure and Competitive Fitness. PLoS Pathogens, 2015, 11, e1004874.	4.7	51
24	Demographics of Natural Oral Infection of Mosquitos by Venezuelan Equine Encephalitis Virus. Journal of Virology, 2015, 89, 4020-4022.	3.4	13
25	Development of Conventional and Real-Time Reverse Transcription Polymerase Chain Reaction Assays to Detect Tembusu Virus in Culex tarsalis Mosquitoes. American Journal of Tropical Medicine and Hygiene, 2014, 91, 666-671.	1.4	7
26	Animal models of viral hemorrhagic fever. Antiviral Research, 2014, 112, 59-79.	4.1	42
27	A positively selected mutation in the WNV 2K peptide confers resistance to superinfection exclusion in vivo. Virology, 2014, 464-465, 228-232.	2.4	15
28	Aerosol Exposure to Rift Valley Fever Virus Causes Earlier and More Severe Neuropathology in the Murine Model, which Has Important Implications for Therapeutic Development. PLoS Neglected Tropical Diseases, 2013, 7, e2156.	3.0	55
29	Potential Vaccines and Post-Exposure Treatments for Filovirus Infections. Viruses, 2012, 4, 1619-1650.	3.3	44
30	Development of a Novel Nonhuman Primate Model for Rift Valley Fever. Journal of Virology, 2012, 86, 2109-2120.	3.4	57
31	Animal models of Rift Valley fever virus infection. Virus Research, 2012, 163, 417-423.	2.2	48
32	Ultrastructural study of Rift Valley fever virus in the mouse model. Virology, 2012, 431, 58-70.	2.4	28
33	Inhibition of heat-shock protein 90 reduces Ebola virus replication. Antiviral Research, 2010, 87, 187-194.	4.1	92
34	The pathogenesis of Rift Valley fever virus in the mouse model. Virology, 2010, 407, 256-267.	2.4	122
35	Development of Field-Based Real-Time Reverse Transcriptionâ€"Polymerase Chain Reaction Assays for Detection of Chikungunya and Oâ€™nyong-nyong Viruses in Mosquitoes. American Journal of Tropical Medicine and Hygiene, 2009, 81, 679-684.	1.4	28
36	Venezuelan equine encephalitis virus in the mosquito vector Aedes taeniorhynchus: Infection initiated by a small number of susceptible epithelial cells and a population bottleneck. Virology, 2008, 372, 176-186.	2.4	94

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37	Infection and Dissemination of Venezuelan Equine Encephalitis Virus in the Epidemic Mosquito Vector, Aedes taeniorhynchus. American Journal of Tropical Medicine and Hygiene, 2007, 77, 176-187.	1.4	24
38	Venezuelan Equine Encephalitis Virus Transmission and Effect on Pathogenesis. Emerging Infectious Diseases, 2006, 12, 1190-1196.	4.3	43
39	Envelope Protein Glycosylation Status Influences Mouse Neuroinvasion Phenotype of Genetic Lineage 1 West Nile Virus Strains. Journal of Virology, 2005, 79, 8339-8347.	3.4	274
40	VENEZUELAN EQUINE ENCEPHALITIS VIRUS IN THE GUINEA PIG MODEL: EVIDENCE FOR EPIZOOTIC VIRULENCE DETERMINANTS OUTSIDE THE E2 ENVELOPE GLYCOPROTEIN GENE. American Journal of Tropical Medicine and Hygiene, 2005, 72, 330-338.	1.4	19
41	A NOVEL, RAPID ASSAY FOR DETECTION AND DIFFERENTIATION OF SEROTYPE-SPECIFIC ANTIBODIES TO VENEZUELAN EQUINE ENCEPHALITIS COMPLEX ALPHAVIRUSES. American Journal of Tropical Medicine and Hygiene, 2005, 72, 805-810.	1.4	19
42	EVALUATION OF METHODS TO ASSESS TRANSMISSION POTENTIAL OF VENEZUELAN EQUINE ENCEPHALITIS VIRUS BY MOSQUITOES AND ESTIMATION OF MOSQUITO SALIVA TITERS. American Journal of Tropical Medicine and Hygiene, 2005, 73, 33-39.	1.4	53
43	Comparison of Dissociation-Enhanced Lanthanide Fluorescent Immunoassays to Enzyme-Linked Immunosorbent Assays for Detection of Staphylococcal Enterotoxin B, Yersinia pestis-Specific F1 Antigen, and Venezuelan Equine Encephalitis Virus. Vaccine Journal, 2001, 8, 1070-1075.	2.6	30