Darryl Falzarano

List of Publications by Year
in descending order

45 papers	5,481 citations	331259 21 h-index	243296 44 g-index
49 all docs	49 docs citations	49 times ranked	11963 citing authors

#	Article	IF	Citations
1	Disulfide Bonds Play a Critical Role in the Structure and Function of the Receptor-binding Domain of the SARS-CoV-2 Spike Antigen. Journal of Molecular Biology, 2022, 434, 167357.	2.0	43
2	Differential interferon-Î± subtype induced immune signatures are associated with suppression of SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	33
3	Immunogenicity of convalescent and vaccinated sera against clinical isolates of ancestral SARS-CoV-2, Beta, Delta, and Omicron variants. Med, 2022, 3, 422-432.e3.	2.2	9
4	Two DNA vaccines protect against severe disease and pathology due to SARS-CoV-2 in Syrian hamsters. Npj Vaccines, 2022, 7, 49.	2.9	7
5	High-resolution analysis of long-term serum antibodies in humans following convalescence of SARS-CoV-2 infection. Scientific Reports, 2022, 12, .	1.6	3
6	Dual Inhibition of Vacuolar-ATPase and TMPRSS2 Is Required for Complete Blockade of SARS-CoV-2 Entry into Cells. Antimicrobial Agents and Chemotherapy, 2022, 66, .	1.4	20
7	Characterization of Ebola Virus Risk to Bedside Providers in an Intensive Care Environment. Microorganisms, 2021, 9, 498.	1.6	1
8	Unique aspects of adaptive immunity in camelids and their applications. Molecular Immunology, 2021, 134, 102-108.	1.0	6
9	Centenarians and extremely old people living with frailty can elicit durable SARS-CoV-2 spike specific IgG antibodies with virus neutralization functions following virus infection as determined by serological study. EClinicalMedicine, 2021, 37, 100975.	3.2	6
10	Sex and age bias viral burden and interferon responses during SARS-CoV-2 infection in ferrets. Scientific Reports, 2021, 11, 14536.	1.6	14
11	SARS-CoV-2 infection in the Syrian hamster model causes inflammation as well as type I interferon dysregulation in both respiratory and non-respiratory tissues including the heart and kidney. PLoS Pathogens, 2021, 17, e1009705.	2.1	60
12	Polyclonal alpaca antibodies protect against hantavirus pulmonary syndrome in a lethal Syrian hamster model. Scientific Reports, 2021, 11, 17440.	1.6	4
13	Construction of a Noninfectious SARS-CoV-2 Replicon for Antiviral-Drug Testing and Gene Function Studies. Journal of Virology, 2021, 95, e0068721.	1.5	25
14	Immune Responses to MERS-CoV in Humans and Animals. Advances in Experimental Medicine and Biology, 2021, 1313, 85-97.	0.8	0
15	Highly Specific Sigma Receptor Ligands Exhibit Anti-Viral Properties in SARS-CoV-2 Infected Cells. Pathogens, 2021, 10, 1514.	1.2	12
16	High Potency of a Bivalent Human VH Domain in SARS-CoV-2 Animal Models. Cell, 2020, 183, 429-441.e16.	13.5	100
17	Animal models for COVID-19. Nature, 2020, 586, 509-515.	13.7	705
18	Rapid identification of a human antibody with high prophylactic and therapeutic efficacy in three animal models of SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29832-29838.	3.3	81

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19	Selection of viral variants during persistent infection of insectivorous bat cells with Middle East respiratory syndrome coronavirus. Scientific Reports, 2020, 10, 7257.	1.6	22
20	2019-nCoV (Wuhan virus), a novel Coronavirus: human-to-human transmission, travel-related cases, and vaccine readiness. Journal of Infection in Developing Countries, 2020, 14, 3-17.	0.5	162
21	Interferon Regulatory Factor 3-Mediated Signaling Limits Middle-East Respiratory Syndrome (MERS) Coronavirus Propagation in Cells from an Insectivorous Bat. Viruses, 2019, 11, 152.	1.5	33
22	Impact of intensive care unit supportive care on the physiology of Ebola virus disease in a universally lethal non-human primate model. Intensive Care Medicine Experimental, 2019, 7, 54.	0.9	11
23	Caution: choice of fixative can influence the visualization of the location of a transcription factor in mammalian cells. BioTechniques, 2018, 65, 65-69.	0.8	3
24	Pathogenicity and Viral Shedding of MERS-CoV in Immunocompromised Rhesus Macaques. Frontiers in Immunology, 2018, 9, 205.	2.2	41
25	Efficacy of antibody-based therapies against Middle East respiratory syndrome coronavirus (MERS-CoV) in common marmosets. Antiviral Research, 2017, 143, 30-37.	1.9	56
26	Dromedary camels in northern Mali have high seropositivity to MERS-CoV. One Health, 2017, 3, 41-43.	1.5	37
27	Assessment of Inhibition of Ebola Virus Progeny Production by Antiviral Compounds. Methods in Molecular Biology, 2017, 1628, 203-210.	0.4	1
28	Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. Journal of Infectious Diseases, 2016, 214, S303-S307.	1.9	7
29	Alisporivir Has Limited Antiviral Effects Against Ebola Virus Strains Makona and Mayinga. Journal of Infectious Diseases, 2016, 214, S355-S359.	1.9	9
30	PlasmodiumParasitemia Associated With Increased Survival in Ebola Virusâ€“Infected Patients. Clinical Infectious Diseases, 2016, 63, 1026-1033.	2.9	42
31	SARS and MERS: recent insights into emerging coronaviruses. Nature Reviews Microbiology, 2016, 14, 523-534.	13.6	2,752
32	Ebola vaccines: we have options. Lancet Infectious Diseases, The, 2016, 16, 267-268.	4.6	3
33	An Acute Immune Response to Middle East Respiratory Syndrome Coronavirus Replication Contributes to Viral Pathogenicity. American Journal of Pathology, 2016, 186, 630-638.	1.9	35
34	Natural Immunity to Ebola Virus in the Syrian Hamster Requires Antibody Responses. Journal of Infectious Diseases, 2015, 212, S271-S276.	1.9	13
35	Delineating Ebola entry. Science, 2015, 347, 947-948.	6.0	11
36	An updated Ebola vaccine: immunogenic, but will it protect?. Lancet, The, 2015, 385, 2229-2230.	6.3	7

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37	Lack of Protection Against Ebola Virus from Chloroquine in Mice and Hamsters. Emerging Infectious Diseases, 2015, 21, 1065-1067.	2.0	57
38	A synthetic consensus antiâ€“spike protein DNA vaccine induces protective immunity against Middle East respiratory syndrome coronavirus in nonhuman primates. Science Translational Medicine, 2015, 7, 301ra132.	5.8	214
39	Infection with MERS-CoV Causes Lethal Pneumonia in the Common Marmoset. PLoS Pathogens, 2014, 10, e1004250.	2.1	186
40	Foodborne Transmission of Nipah Virus in Syrian Hamsters. PLoS Pathogens, 2014, 10, e1004001.	2.1	56
41	Possible leap ahead in filovirus therapeutics. Cell Research, 2014, 24, 647-648.	5.7	16
42	Development and application of reporter-expressing mononegaviruses: Current challenges and perspectives. Antiviral Research, 2014, 103, 78-87.	1.9	22
43	Vaccines for viral hemorrhagic feversâ€”progress and shortcomings. Current Opinion in Virology, 2013, 3, 343-351.	2.6	48
44	Treatment with interferon-Î±2b and ribavirin improves outcome in MERS-CoVâ€“infected rhesus macaques. Nature Medicine, 2013, 19, 1313-1317.	15.2	412
45	Progress in filovirus vaccine development: evaluating the potential for clinical use. Expert Review of Vaccines, 2011, 10, 63-77.	2.0	90