Dalan Bailey

List of Publications by Year
in descending order

63 papers	3,041 citations	201575 27 h-index	206029 48 g-index
81 all docs	81 docs citations	81 times ranked	5001 citing authors

#	Article	IF	Citations
1	Differential susceptibility of SARSâ€CoVâ€2 in animals: Evidence of ACE2 host receptor distribution in companion animals, livestock and wildlife by immunohistochemical characterisation. Transboundary and Emerging Diseases, 2022, 69, 2275-2286.	1.3	33
2	Mutations that adapt SARS-CoV-2 to mink or ferret do not increase fitness in the human airway. Cell Reports, 2022, 38, 110344.	2.9	46
3	Known Cellular and Receptor Interactions of Animal and Human Coronaviruses: A Review. Viruses, 2022, 14, 351.	1.5	11
4	The ChAdOx1 vectored vaccine, AZD2816, induces strong immunogenicity against SARS-CoV-2 beta (B.1.351) and other variants of concern in preclinical studies. EBioMedicine, 2022, 77, 103902.	2.7	23
5	SARS-CoV-2 variants of concern alpha, beta, gamma and delta have extended ACE2 receptor host ranges. Journal of General Virology, 2022, 103, .	1.3	19
6	Pseudotyped Bat Coronavirus RaTG13 is efficiently neutralised by convalescent sera from SARS-CoV-2 infected patients. Communications Biology, 2022, 5, 409.	2.0	5
7	Neutralizing antibody activity against 21 SARS-CoV-2 variants in older adults vaccinated with BNT162b2. Nature Microbiology, 2022, 7, 1180-1188.	5.9	39
8	Micro-fusion inhibition tests: quantifying antibody neutralization of virus-mediated cellâ€“cell fusion. Journal of General Virology, 2021, 102, .	1.3	21
9	Application of error-prone PCR to functionally probe the morbillivirus Haemagglutinin protein. Journal of General Virology, 2021, 102, .	1.3	2
10	Recurrent emergence of SARS-CoV-2 spike deletion H69/V70 and its role in the Alpha variant B.1.1.7. Cell Reports, 2021, 35, 109292.	2.9	375
11	Combinatorial F-G Immunogens as Nipah and Respiratory Syncytial Virus Vaccine Candidates. Viruses, 2021, 13, 1942.	1.5	10
12	Murine norovirus virulence factor 1 (VF1) protein contributes to viral fitness during persistent infection. Journal of General Virology, 2021, 102, .	1.3	4
13	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. IScience, 2021, 24, 103144.	1.9	34
14	Production of Recombinant Replication-defective Lentiviruses Bearing the SARS-CoV or SARS-CoV-2 Attachment Spike Glycoprotein and Their Application in Receptor Tropism and Neutralisation Assays. Bio-protocol, 2021, 11, e4249.	0.2	10
15	Evaluation of the immunogenicity of prime-boost vaccination with the replication-deficient viral vectored COVID-19 vaccine candidate ChAdOx1 nCoV-19. Npj Vaccines, 2020, 5, 69.	2.9	121
16	Respiratory Syncytial Virus Sequesters NF-Î°B Subunit p65 to Cytoplasmic Inclusion Bodies To Inhibit Innate Immune Signaling. Journal of Virology, 2020, 94, .	1.5	55
17	Eradicating the Scourge of Peste Des Petits Ruminants from the World. Viruses, 2020, 12, 313.	1.5	23
18	Bovine Herpesvirus-4-Vectored Delivery of Nipah Virus Glycoproteins Enhances T Cell Immunogenicity in Pigs. Vaccines, 2020, 8, 115.	2.1	27

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19	Viral infection triggers interferon-induced expulsion of live Cryptococcus neoformans by macrophages. PLoS Pathogens, 2020, 16, e1008240.	2.1	25
20	A novel antiviral formulation inhibits a range of enveloped viruses. Journal of General Virology, 2020, 101, 1090-1102.	1.3	21
21	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. PLoS Biology, 2020, 18, e3001016.	2.6	169
22	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
23	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
24	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
25	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
26	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
27	The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016.		0
28	BST2/Tetherin Overexpression Modulates Morbillivirus Glycoprotein Production to Inhibit Cellâ€“Cell Fusion. Viruses, 2019, 11, 692.	1.5	8
29	Bacterial flagellin promotes viral entry via an NF-kB and Toll Like Receptor 5 dependent pathway. Scientific Reports, 2019, 9, 7903.	1.6	16
30	Advances in diagnostics, vaccines and therapeutics for Nipah virus. Microbes and Infection, 2019, 21, 278-286.	1.0	21
31	Morbilliviruses: Entry, Exit and Everything In-Between. Viruses, 2019, 11, 1036.	1.5	0
32	Structure-Guided Identification of a Nonhuman Morbillivirus with Zoonotic Potential. Journal of Virology, 2018, 92, .	1.5	23
33	Removal of the N-Glycosylation Sequon at Position N116 Located in p27 of the Respiratory Syncytial Virus Fusion Protein Elicits Enhanced Antibody Responses after DNA Immunization. Viruses, 2018, 10, 426.	1.5	12
34	Targeting macrophage- and intestinal epithelial cell-specific microRNAs against norovirus restricts replication in vivo. Journal of General Virology, 2018, 99, 1621-1632.	1.3	4
35	The Measles Virus Receptor SLAMF1 Can Mediate Particle Endocytosis. Journal of Virology, 2017, 91, .	1.5	36
36	Human liver sinusoidal endothelial cells promote intracellular crawling of lymphocytes during recruitment: A new step in migration. Hepatology, 2017, 65, 294-309.	3.6	38

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37	SLAMF1/CD150: a universal receptor for morbilliviruses. Future Virology, 2017, 12, 475-477.	0.9	1
38	Future research to underpin successful peste des petits ruminants virus (PPRV) eradication. Journal of General Virology, 2017, 98, 2635-2644.	1.3	53
39	Norovirus Polymerase Fidelity Contributes to Viral Transmission In Vivo. MSphere, 2016, 1, .	1.3	32
40	Identifying novel protein interactions: Proteomic methods, optimisation approaches and data analysis pipelines. Methods, 2016, 95, 46-54.	1.9	25
41	The Murine Norovirus Core Subgenomic RNA Promoter Consists of a Stable Stem-Loop That Can Direct Accurate Initiation of RNA Synthesis. Journal of Virology, 2015, 89, 1218-1229.	1.5	27
42	Serological evidence of camel exposure to peste des petits ruminants virus (PPRV) in Nigeria. Tropical Animal Health and Production, 2015, 47, 603-606.	0.5	22
43	Norovirus Translation Requires an Interaction between the C Terminus of the Genome-linked Viral Protein VPg and Eukaryotic Translation Initiation Factor 4G. Journal of Biological Chemistry, 2014, 289, 21738-21750.	1.6	53
44	Pathology caused by persistent murine norovirus infection. Journal of General Virology, 2014, 95, 413-422.	1.3	25
45	Detection of Proteinâ€"Protein Interactions Using Tandem Affinity Purification. Methods in Molecular Biology, 2014, 1177, 121-133.	0.4	6
46	Characterization of Ovine Nectin-4, a Novel Peste des Petits Ruminants Virus Receptor. Journal of Virology, 2013, 87, 4756-4761.	1.5	82
47	Influence of genome-scale RNA structure disruption on the replication of murine norovirusâ€"similar replication kinetics in cell culture but attenuation of viral fitness in vivo. Nucleic Acids Research, 2013, 41, 6316-6331.	6.5	31
48	Early Events following Experimental Infection with Peste-Des-Petits Ruminants Virus Suggest Immune Cell Targeting. PLoS ONE, 2013, 8, e55830.	1.1	86
49	Identification of Protein Interacting Partners Using Tandem Affinity Purification. Journal of Visualized Experiments, 2012, , .	0.2	12
50	A novel approach to generating morbillivirus vaccines: Negatively marking the rinderpest vaccine. Vaccine, 2012, 30, 1927-1935.	1.7	14
51	High-Resolution Functional Profiling of the Norovirus Genome. Journal of Virology, 2012, 86, 11441-11456.	1.5	36
52	Development of a reverse-genetics system for murine norovirus 3: long-term persistence occurs in the caecum and colon. Journal of General Virology, 2012, 93, 1432-1441.	1.3	58
53	Norovirus Regulation of the Innate Immune Response and Apoptosis Occurs via the Product of the Alternative Open Reading Frame 4. PLoS Pathogens, 2011, 7, e1002413.	2.1	200
54	Development of an optimized RNA-based murine norovirus reverse genetics system. Journal of Virological Methods, 2010, 169, 112-118.	1.0	73

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55	Polypyrimidine Tract Binding Protein Functions as a Negative Regulator of Feline Calicivirus Translation. PLoS ONE, 2010, 5, e9562.	1.1	30
56	Functional Analysis of RNA Structures Present at the 3â€² Extremity of the Murine Norovirus Genome: the Variable Polypyrimidine Tract Plays a Role in Viral Virulence. Journal of Virology, 2010, 84, 2859-2870.	1.5	54
57	Feline calicivirus p32, p39 and p30 proteins localize to the endoplasmic reticulum to initiate replication complex formation. Journal of General Virology, 2010, 91, 739-749.	1.3	39
58	Model systems for the study of human norovirus biology. Future Virology, 2009, 4, 353-367.	0.9	54
59	Full genome sequences of two virulent strains of peste-des-petits ruminants virus, the CÃ´te dâ€™Ivoire 1989 and Nigeria 1976 strains. Virus Research, 2008, 136, 192-197.	1.1	47
60	Bioinformatic and functional analysis of RNA secondary structure elements among different genera of human and animal caliciviruses. Nucleic Acids Research, 2008, 36, 2530-2546.	6.5	106
61	Reverse genetics for peste-des-petits-ruminants virus (PPRV): Promoter and protein specificities. Virus Research, 2007, 126, 250-255.	1.1	35
62	Full genome sequence of peste des petits ruminants virus, a member of the Morbillivirus genus. Virus Research, 2005, 110, 119-124.	1.1	167
63	An entropic safety catch controls hepatitis C virus entry and antibody resistance. ELife, 0, 11, .	2.8	7