Brian J Willett

List of Publications by Year
in descending order

47 papers	2,028 citations	361296 20 h-index	302012 39 g-index
61 all docs	61 docs citations	61 times ranked	2086 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Omicron is an immune escape variant with an altered cell entry pathway. Nature Microbiology, 2022, 7, 1161-1179.	5.9	352
2	FIV infection of the domestic cat: an animal model for AIDS. Trends in Immunology, 1997, 18, 182-189.	7.5	179
3	Use of CD134 As a Primary Receptor by the Feline Immunodeficiency Virus. Science, 2004, 303, 1192-1195.	6.0	170
4	Children develop robust and sustained cross-reactive spike-specific immune responses to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 40-49.	7.0	145
5	Reduced neutralisation of the Delta (B.1.617.2) SARS-CoV-2 variant of concern following vaccination. PLoS Pathogens, 2021, 17, e1010022.	2.1	139
6	In vitro selection of Remdesivir resistance suggests evolutionary predictability of SARS-CoV-2. PLoS Pathogens, 2021, 17, e1009929.	2.1	108
7	Common mechanism of infection by lentiviruses. Nature, 1997, 385, 587-587.	13.7	97
8	Future research to underpin successful peste des petits ruminants virus (PPRV) eradication. Journal of General Virology, 2017, 98, 2635-2644.	1.3	53
9	Feline leukaemia virus: Half a century since its discovery. Veterinary Journal, 2013, 195, 16-23.	0.6	51
10	Differential Utilization of CD134 as a Functional Receptor by Diverse Strains of Feline Immunodeficiency Virus. Journal of Virology, 2006, 80, 3386-3394.	1.5	45
11	Distemper, extinction, and vaccination of the Amur tiger. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31954-31962.	3.3	33
12	Impaired neutralisation of SARS-CoV-2 delta variant in vaccinated patients with B cell chronic lymphocytic leukaemia. Journal of Hematology and Oncology, 2022, 15, 3.	6.9	28
13	Mapping the Domains of CD134 as a Functional Receptor for Feline Immunodeficiency Virus. Journal of Virology, 2006, 80, 7744-7747.	1.5	27
14	Expression of CXCR4 on Feline Peripheral Blood Mononuclear Cells: Effect of Feline Immunodeficiency Virus Infection. Journal of Virology, 2003, 77, 709-712.	1.5	26
15	Chemokine receptors and co-stimulatory molecules: Unravelling feline immunodeficiency virus infection. Veterinary Immunology and Immunopathology, 2008, 123, 56-64.	0.5	26
16	Efficient generation of vesicular stomatitis virus (VSV)-pseudotypes bearing morbilliviral glycoproteins and their use in quantifying virus neutralising antibodies. Vaccine, 2016, 34, 814-822.	1.7	25
17	Structure-Guided Identification of a Nonhuman Morbillivirus with Zoonotic Potential. Journal of Virology, 2018, 92, .	1.5	23
18	The role of the chemokine receptor CXCR4 in infection with feline immunodeficiency virus. Molecular Membrane Biology, 1999, 16, 67-72.	2.0	22

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19	The Role of In Vitro-Induced Lymphocyte Apoptosis in Feline Immunodeficiency Virus Infection: Correlation with Different Markers of Disease Progression. Journal of Virology, 1998, 72, 9025-9033.	1.5	22
20	Upregulation of Surface Feline CXCR4 Expression following Ectopic Expression of CCR5: Implications for Studies of the Cell Tropism of Feline Immunodeficiency Virus. Journal of Virology, 2002, 76, 9242-9252.	1.5	21
21	Probing the Interaction between Feline Immunodeficiency Virus and CD134 by Using the Novel Monoclonal Antibody 7D6 and the CD134 (OÃ—40) Ligand. Journal of Virology, 2007, 81, 9665-9679.	1.5	21
22	Feline Immunodeficiency Virus (FIV) Neutralization: A Review. Viruses, 2011, 3, 1870-1890.	1.5	20
23	Severe Acute Respiratory Syndrome Coronavirus 2 Serosurveillance in a Patient Population Reveals Differences in Virus Exposure and Antibody-Mediated Immunity According to Host Demography and Healthcare Setting. Journal of Infectious Diseases, 2021, 223, 971-980.	1.9	20
24	A single site for N-linked glycosylation in the envelope glycoprotein of feline immunodeficiency virus modulates the virus-receptor interaction. Retrovirology, 2008, 5, 77.	0.9	19
25	Feline immunodeficiency virus env gene evolution in experimentally infected cats. Veterinary Immunology and Immunopathology, 2010, 134, 96-106.	0.5	18
26	The virusâ€"receptor interaction in the replication of feline immunodeficiency virus (FIV). Current Opinion in Virology, 2013, 3, 670-675.	2.6	17
27	Enhanced immunosurveillance for animal morbilliviruses using vesicular stomatitis virus (VSV) pseudotypes. Vaccine, 2016, 34, 5736-5743.	1.7	14
28	Molecular epidemiology of peste des petits ruminants virus emergence in critically endangered Mongolian saiga antelope and other wild ungulates. Virus Evolution, 2021, 7, veab062.	2.2	13
29	Modulation of the virus-receptor interaction by mutations in the V5 loop of feline immunodeficiency virus (FIV) following in vivoescape from neutralising antibody. Retrovirology, 2010, 7, 38.	0.9	12
30	The immortalisation of rat hepatocytes by transfection with SV40 sequences. , 1997, 23, 161-170.		10
31	Neutralising antibody response in domestic cats immunised with a commercial feline immunodeficiency virus (FIV) vaccine. Vaccine, 2015, 33, 977-984.	1.7	10
32	Peste des petits ruminants Virus Transmission Scaling and Husbandry Practices That Contribute to Increased Transmission Risk: An Investigation among Sheep, Goats, and Cattle in Northern Tanzania. Viruses, 2020, 12, 930.	1.5	10
33	Selective Expansion of Viral Variants following Experimental Transmission of a Reconstituted Feline Immunodeficiency Virus Quasispecies. PLoS ONE, 2013, 8, e54871.	1.1	9
34	Emergence of CD134 cysteine-rich domain 2 (CRD2)-independent strains of feline immunodeficiency virus (FIV) is associated with disease progression in naturally infected cats. Retrovirology, 2014, 11, 95.	0.9	8
35	Measuring the Humoral Immune Response in Cats Exposed to Feline Leukaemia Virus. Viruses, 2021, 13, 428.	1.5	8
36	Identifying Age Cohorts Responsible for Peste Des Petits Ruminants Virus Transmission among Sheep, Goats, and Cattle in Northern Tanzania. Viruses, 2020, 12, 186.	1.5	8

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37	Predicting the presence and titre of rabies virusâ€neutralizing antibodies from lowâ€volume serum samples in lowâ€containment facilities. Transboundary and Emerging Diseases, 2021, 68, 1564-1576.	1.3	7
38	Enforced covalent trimerisation of soluble feline CD134 (OX40)-ligand generates a functional antagonist of feline immunodeficiency virus. Molecular Immunology, 2009, 46, 1020-1030.	1.0	5
39	The Comparative Value of Feline Virology Research: Can Findings from the Feline Lentiviral Vaccine Be Translated to Humans?. Veterinary Sciences, 2017, 4, 7.	0.6	5
40	Exploration of immunological responses underpinning severe fever with thrombocytopenia syndrome virus infection reveals IL-6 as a therapeutic target in an immunocompromised mouse model. , 2022, 1, pgac024.		5
41	Send cat and dog samples to test for SARSâ€CoVâ€2. Veterinary Record, 2020, 186, 571-571.	0.2	3
42	mRNA or ChAd0x1 COVID-19 Vaccination of Adolescents Induces Robust Antibody and Cellular Responses With Continued Recognition of Omicron Following mRNA-1273. Frontiers in Immunology, 2022, 13, .	2.2	3
43	Comparing the efficacy of FeLV vaccines. Vaccine, 2015, 33, 2737-2738.	1.7	2
44	Application of error-prone PCR to functionally probe the morbillivirus Haemagglutinin protein. Journal of General Virology, 2021, 102, .	1.3	2
45	DNA Vaccination Affords Significant Protection against Feline Immunodeficiency Virus Infection without Inducing Detectable Antiviral Antibodies. Journal of Virology, 1998, 72, 8460-8460.	1.5	2
46	Evaluation of the effect of maternally derived antibody on response to MMR vaccine in Thai infants. Vaccine, 2022, 40, 1439-1447.	1.7	2
47	Restriction of the felid lentiviruses by a synthetic feline TRIM5â€“CypA fusion. Veterinary Immunology and Immunopathology, 2011, 143, 235-242.	0.5	1