Brett A Lidbury

List of Publications by Year
in descending order

65 papers	1,795 citations	331259 21 h-index	288905 40 g-index
68 all docs	68 docs citations	68 times ranked	1964 citing authors

#	Article	IF	Citations
1	Characterization of Ross River Virus Tropism and Virus-Induced Inflammation in a Mouse Model of Viral Arthritis and Myositis. Journal of Virology, 2006, 80, 737-749.	1.5	185
2	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: A Comprehensive Review. Diagnostics, 2019, 9, 91.	1.3	140
3	Macrophageâ€Derived Proinflammatory Factors Contribute to the Development of Arthritis and Myositis after Infection with an Arthrogenic Alphavirus. Journal of Infectious Diseases, 2008, 197, 1585-1593.	1.9	124
4	Macrophageâ€Induced Muscle Pathology Results in Morbidity and Mortality for Ross River Virusâ€“Infected Mice. Journal of Infectious Diseases, 2000, 181, 27-34.	1.9	123
5	Arthritogenic alphaviral infection perturbs osteoblast function and triggers pathologic bone loss. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6040-6045.	3.3	107
6	Specific Ablation of Antiviral Gene Expression in Macrophages by Antibody-Dependent Enhancement of Ross River Virus Infection. Journal of Virology, 2000, 74, 8376-8381.	1.5	85
7	Differential Induction of Type I Interferon Responses in Myeloid Dendritic Cells by Mosquito and Mammalian-Cell-Derived Alphaviruses. Journal of Virology, 2007, 81, 237-247.	1.5	85
8	Suppression of lipopolysaccharide-induced antiviral transcription factor (STAT-1 and NF-ÂB) complexes by antibody-dependent enhancement of macrophage infection by Ross River virus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13819-13824.	3.3	82
9	Lessons from Toxicology: Developing a 21st-Century Paradigm for Medical Research. Environmental Health Perspectives, 2015, 123, A268-72.	2.8	57
10	Comorbidity of postural orthostatic tachycardia syndrome and chronic fatigue syndrome in an <scp>A</scp>ustralian cohort. Journal of Internal Medicine, 2014, 275, 409-417.	2.7	56
11	Novel technologies and an overall strategy to allow hazard assessment and risk prediction of chemicals, cosmetics, and drugs with animal-free methods. ALTEX: Alternatives To Animal Experimentation, 2012, 29, 373-388.	0.9	54
12	An Isolated Complex V Inefficiency and Dysregulated Mitochondrial Function in Immortalized Lymphocytes from ME/CFS Patients. International Journal of Molecular Sciences, 2020, 21, 1074.	1.8	49
13	Ross River virus: Molecular and cellular aspects of disease pathogenesis. , 2005, 107, 329-342.		47
14	Persistent Ross River Virus Infection of Murine Macrophages: An in Vitro Model for the Study of Viral Relapse and Immune Modulation during Long-Term Infection. Virology, 2002, 301, 281-292.	1.1	41
15	Clinical chemistry in higher dimensions: Machine-learning and enhanced prediction from routine clinical chemistry data. Clinical Biochemistry, 2016, 49, 1213-1220.	0.8	37
16	Effects of an In-Frame Deletion of the 6k Gene Locus from the Genome of Ross River Virus. Journal of Virology, 2016, 90, 4150-4159.	1.5	34
17	Hepatitis B virus infection in Nigeria: a systematic review and meta-analysis of data published between 2010 and 2019. BMC Infectious Diseases, 2021, 21, 1120.	1.3	32
18	The viral manipulation of the host cellular and immune environments to enhance propagation and survival: a focus on RNA viruses. Journal of Leukocyte Biology, 2002, 72, 429-39.	1.5	31

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19	25 years since the eradication of smallpox: why poxvirus research is still relevant. Trends in Immunology, 2004, 25, 636-639.	2.9	29
20	Genetic â€˜budgetâ€™ of viruses and the cost to the infected host: A theory on the relationship between the genetic capacity of viruses, immune evasion, persistence and disease. Immunology and Cell Biology, 2001, 79, 62-66.	1.0	27
21	An ¹Hâ€MRS framework predicts the onset of Alzheimer's disease symptoms in PSEN1 mutation carriers. Alzheimer's and Dementia, 2014, 10, 552-561.	0.4	26
22	Antibody-dependent enhancement and vaccine development. Expert Review of Vaccines, 2006, 5, 409-412.	2.0	24
23	Activin B is a novel biomarker for chronic fatigue syndrome/myalgic encephalomyelitis (CFS/ME) diagnosis: a cross sectional study. Journal of Translational Medicine, 2017, 15, 60.	1.8	24
24	Identification and Characterization of a Ross River Virus Variant That Grows Persistently in Macrophages, Shows Altered Disease Kinetics in a Mouse Model, and Exhibits Resistance to Type I Interferon. Journal of Virology, 2011, 85, 5651-5663.	1.5	23
25	Infection status outcome, machine learning method and virus type interact to affect the optimised prediction of hepatitis virus immunoassay results from routine pathology laboratory assays in unbalanced data. BMC Bioinformatics, 2013, 14, 206.	1.2	23
26	Antibody-dependent enhancement of infection: bacteria do it too. Trends in Immunology, 2003, 24, 465-467.	2.9	21
27	Chemokines and viruses: friends or foes?. Trends in Microbiology, 2003, 11, 383-391.	3.5	21
28	Assessment of machine-learning techniques on large pathology data sets to address assay redundancy in routine liver function test profiles. Diagnosis, 2015, 2, 41-51.	1.2	18
29	Use of an In Vivo FTA Assay to Assess the Magnitude, Functional Avidity and Epitope Variant Cross-Reactivity of T Cell Responses Following HIV-1 Recombinant Poxvirus Vaccination. PLoS ONE, 2014, 9, e105366.	1.1	18
30	West Nile virus infection induces susceptibility of in vitro outgrown murine blastocysts to specific lysis by paternally directed allo-immune and virus-immune cytotoxic T cells. Journal of Reproductive Immunology, 1993, 23, 131-144.	0.8	16
31	Predicting the presence of hepatitis B virus surface antigen in Chinese patients by pathology data mining. Journal of Medical Virology, 2013, 85, 1334-1339.	2.5	16
32	Enhancement of hepatitis virus immunoassay outcome predictions in imbalanced routine pathology data by data balancing and feature selection before the application of support vector machines. BMC Medical Informatics and Decision Making, 2017, 17, 121.	1.5	16
33	Weighting of orthostatic intolerance time measurements with standing difficulty score stratifies ME/CFS symptom severity and analyte detection. Journal of Translational Medicine, 2018, 16, 97.	1.8	12
34	Characterization of Barmah Forest virus pathogenesis in a mouse model. Journal of General Virology, 2014, 95, 2146-2154.	1.3	11
35	Rethinking ME/CFS Diagnostic Reference Intervals via Machine Learning, and the Utility of Activin B for Defining Symptom Severity. Diagnostics, 2019, 9, 79.	1.3	10
36	Was exposure to directly antiviral cytokines during primary infection an important selective pressure in the evolution of unique immune evasion strategies by viruses?. Immunology and Cell Biology, 1994, 72, 347-350.	1.0	9

#	Article	IF	Citations
37	Could the kynurenine pathway be the key missing piece of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) complex puzzle?. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	8
38	The Role for Host-Immune Factors in the In Vivo Antiviral Effects of Tumour Necrosis Factor. Cytokine, 1995, 7, 157-164.	1.4	7
39	The early detection of anaemia and aetiology prediction through the modelling of red cell distribution width (RDW) in cross-sectional community patient data. Diagnosis, 2015, 2, 171-179.	1.2	6
40	Ross River Virus Immune Evasion Strategies and the Relevance to Post-viral Fatigue, and Myalgic Encephalomyelitis Onset. Frontiers in Medicine, 2021, 8, 662513.	1.2	6
41	The antiviral activity of tumour necrosis factor on herpes simplex virus type 1: role for a butylated hydroxyanisole sensitive factor. Archives of Virology, 1995, 140, 703-719.	0.9	5
42	Erythrocytes enhance the immunogenicity of oral vaccination with gamma irradiated influenza virus: increasing the dose of irradiation results in a significant diminution of lung IgA response. Vaccine, 1997, 15, 1529-1537.	1.7	5
43	A simulation model to estimate the risk of transfusion-transmitted arboviral infection. Transfusion and Apheresis Science, 2016, 55, 233-239.	0.5	5
44	Australian Regulation of Animal Use in Science and Education: A Critical Appraisal. ILAR Journal, 2017, 57, 324-332.	1.8	5
45	Viral Co-Infection Does Not Reduce the Efficacy of Vaccination against Non-Typeable Haemophilus influenzae Middle Ear Infection in a Rat Model. Orl, 2001, 63, 96-101.	0.6	4
46	Biomedical Insights That Inform the Diagnosis of ME/CFS. Diagnostics, 2020, 10, 92.	1.3	4
47	The kinetics of haemoglobin and ferritin in longitudinal community patients with iron deficiency or hypoxia. Diagnosis, 2017, 4, 35-41.	1.2	3
48	One Health Approach: A Data-Driven Priority for Mitigating Outbreaks of Emerging and Re-Emerging Zoonotic Infectious Diseases. Tropical Medicine and Infectious Disease, 2022, 7, 4.	0.9	3
49	Studies on the IgA-independent immunological responses in mice to influenza virus challenge after oral vaccination with irradiated whole virus and an erythrocyte complex. Immunology and Cell Biology, 2000, 78, 149-155.	1.0	2
50	Dengue virus and host antibody: a dangerous balancing act. Lancet Infectious Diseases, The, 2014, 14, 783-784.	4.6	2
51	Response to article: serum total bilirubin concentrations are inversely associated with total white blood cell counts in an adult population. Annals of Clinical Biochemistry, 2016, 53, 412-413.	0.8	2
52	Integration of ISO 15189 and external quality assurance data to assist the detection of poor laboratory performance in NSW, Australia. Journal of Laboratory and Precision Medicine, 2017, 2, 97-97.	1.1	2
53	Vitamin D testing: Impact of changes to testing guidelines on detection of patients at risk of vitamin D deficiency. Annals of Clinical Biochemistry, 2021, 58, 196-202.	0.8	2
54	Host Defense Mechanisms with Special Reference to Chemokines and Viral Infections. Graft: Organ and Cell Transplantation, 0, 5, 277-293.	0.0	2

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55	Ross River Virus: An Arthritogenic Alphavirus of Significant Importance in the Asia Pacific. , 2006, 4, 94-111.		1
56	Learning from Pathology Databases to Improve the Laboratory Diagnosis of Infectious Diseases. International Federation for Information Processing, 2010, , 226-227.	0.4	1
57	Evaluating a Genetics Concept Inventory. , 0, , 116-128.		1
58	A New In Vitro Toxicology: Shifting from Cells to Serum by Exploiting Pathology Data and Machine Learning to Investigate Liver Toxicity. Applied in Vitro Toxicology, 2016, 2, 217-222.	0.6	0
59	Integration of ISO15189 and external quality assurance data to assist the detection of poor laboratory performance in New South Wales. Pathology, 2018, 50, S92.	0.3	0
60	A comparison of outlier elimination and reference interval calculation methods with Ig type data. Pathology, 2018, 50, S112.	0.3	0
61	Predicting liver disease post hepatitis virus infection: In silico pathology and pattern recognition. EBioMedicine, 2018, 35, 10-11.	2.7	0
62	Gamma-Glutamyl Transferase (GGT) Is the Leading External Quality Assurance Predictor of ISO15189 Compliance for Pathology Laboratories. Diagnostics, 2021, 11, 692.	1.3	0
63	Animal Models of Alphavirus-induced Inflammatory Disease. , 2016, , 89-124.		0
64	Language Focus for Genetics and Molecular Biology Students. , 0, , 98-115.		0
65	Language Support for First Year Human Physiology and Biology. , 0, , 129-159.		0