

James D Brien

List of Publications by Year in descending order

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69
papers

3,886
citations

136950

32
h-index

133252

59
g-index

80
all docs

80
docs citations

80
times ranked

5592
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Highly Protective Combination Monoclonal Antibody Therapy against Chikungunya Virus. <i>PLoS Pathogens</i> , 2013, 9, e1003312.	4.7	228
2	The Development of Therapeutic Antibodies That Neutralize Homologous and Heterologous Genotypes of Dengue Virus Type 1. <i>PLoS Pathogens</i> , 2010, 6, e1000823.	4.7	192
3	Structure and Function Analysis of Therapeutic Monoclonal Antibodies against Dengue Virus Type 2. <i>Journal of Virology</i> , 2010, 84, 9227-9239.	3.4	189
4	In-Depth Analysis of the Antibody Response of Individuals Exposed to Primary Dengue Virus Infection. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1188.	3.0	184
5	Zika virus pathogenesis in rhesus macaques is unaffected by pre-existing immunity to dengue virus. <i>Nature Communications</i> , 2017, 8, 15674.	12.8	178
6	Preliminary aggregate safety and immunogenicity results from three trials of a purified inactivated Zika virus vaccine candidate: phase 1, randomised, double-blind, placebo-controlled clinical trials. <i>Lancet, The</i> , 2018, 391, 563-571.	13.7	165
7	SARS-CoV-2 spike protein promotes IL-6 trans-signaling by activation of angiotensin II receptor signaling in epithelial cells. <i>PLoS Pathogens</i> , 2020, 16, e1009128.	4.7	157
8	West Nile Virus-Specific CD4 T Cells Exhibit Direct Antiviral Cytokine Secretion and Cytotoxicity and Are Sufficient for Antiviral Protection. <i>Journal of Immunology</i> , 2008, 181, 8568-8575.	0.8	143
9	Key role of T cell defects in age-related vulnerability to West Nile virus. <i>Journal of Experimental Medicine</i> , 2009, 206, 2735-2745.	8.5	139
10	Genotype-Specific Neutralization and Protection by Antibodies against Dengue Virus Type 3. <i>Journal of Virology</i> , 2010, 84, 10630-10643.	3.4	132
11	The Interferon-Inducible Gene viperin Restricts West Nile Virus Pathogenesis. <i>Journal of Virology</i> , 2011, 85, 11557-11566.	3.4	130
12	Cytomegalovirus Infection Impairs Immune Responses and Accentuates T-cell Pool Changes Observed in Mice with Aging. <i>PLoS Pathogens</i> , 2012, 8, e1002849.	4.7	121
13	Protective capacity and epitope specificity of CD8+ T cells responding to lethal West Nile virus infection. <i>European Journal of Immunology</i> , 2007, 37, 1855-1863.	2.9	120
14	Efficacy of interferon beta-1a plus remdesivir compared with remdesivir alone in hospitalised adults with COVID-19: a double-blind, randomised, placebo-controlled, phase 3 trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1365-1376.	10.7	119
15	Isolation and Characterization of Broad and Ultrapotent Human Monoclonal Antibodies with Therapeutic Activity against Chikungunya Virus. <i>Cell Host and Microbe</i> , 2015, 18, 86-95.	11.0	116
16	Propagation, Quantification, Detection, and Storage of West Nile Virus. <i>Current Protocols in Microbiology</i> , 2013, 31, 15D.3.1-15D.3.18.	6.5	104
17	A Temporal Role Of Type I Interferon Signaling in CD8+ T Cell Maturation during Acute West Nile Virus Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002407.	4.7	95
18	Chikungunya Virus Infection Results in Higher and Persistent Viral Replication in Aged Rhesus Macaques Due to Defects in Anti-Viral Immunity. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2343.	3.0	95

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19	Activation of Virus-Specific CD8+ T Cells by Lipopolysaccharide-Induced IL-12 and IL-18. <i>Journal of Immunology</i> , 2004, 173, 6873-6881.	0.8	87
20	Single-Dose Intranasal Administration of AdCOVID Elicits Systemic and Mucosal Immunity against SARS-CoV-2 and Fully Protects Mice from Lethal Challenge. <i>Vaccines</i> , 2021, 9, 881.	4.4	86
21	CD4+T cells mediate protection against Zika associated severe disease in a mouse model of infection. <i>PLoS Pathogens</i> , 2018, 14, e1007237.	4.7	77
22	Interferon Regulatory Factor-1 (IRF-1) Shapes Both Innate and CD8+ T Cell Immune Responses against West Nile Virus Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002230.	4.7	75
23	Functional Analysis of Antibodies against Dengue Virus Type 4 Reveals Strain-Dependent Epitope Exposure That Impacts Neutralization and Protection. <i>Journal of Virology</i> , 2013, 87, 8826-8842.	3.4	73
24	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. <i>Nature Medicine</i> , 2020, 26, 228-235.	30.7	61
25	West Nile Virus Capsid Degradation of Claudin Proteins Disrupts Epithelial Barrier Function. <i>Journal of Virology</i> , 2009, 83, 6125-6134.	3.4	55
26	Antiviral T-Cell-Independent Type 2 Antibody Responses Induced in Vivo in the Absence of T and NK Cells. <i>Virology</i> , 2001, 280, 160-168.	2.4	53
27	T Cell Responses Induced by Attenuated Flavivirus Vaccination Are Specific and Show Limited Cross-Reactivity with Other Flavivirus Species. <i>Journal of Virology</i> , 2020, 94, .	3.4	49
28	Inflation and Long-Term Maintenance of CD8 T Cells Responding to a Latent Herpesvirus Depend upon Establishment of Latency and Presence of Viral Antigens. <i>Journal of Immunology</i> , 2009, 183, 8077-8087.	0.8	43
29	Identification of Protective CD8 T Cell Responses in a Mouse Model of Zika Virus Infection. <i>Frontiers in Immunology</i> , 2019, 10, 1678.	4.8	42
30	Defining New Therapeutics Using a More Immunocompetent Mouse Model of Antibody-Enhanced Dengue Virus Infection. <i>MBio</i> , 2015, 6, e01316-15.	4.1	40
31	Age-Related Dysregulation of CD8+ T Cell Memory Specific for a Persistent Virus Is Independent of Viral Replication. <i>Journal of Immunology</i> , 2008, 180, 4848-4857.	0.8	39
32	Human and Murine IFIT1 Proteins Do Not Restrict Infection of Negative-Sense RNA Viruses of the Orthomyxoviridae, Bunyaviridae, and Filoviridae Families. <i>Journal of Virology</i> , 2015, 89, 9465-9476.	3.4	38
33	Repeated In Vivo Stimulation of T and B Cell Responses in Old Mice Generates Protective Immunity against Lethal West Nile Virus Encephalitis. <i>Journal of Immunology</i> , 2011, 186, 3882-3891.	0.8	37
34	A Dengue Virus Serotype 1 mRNA-LNP Vaccine Elicits Protective Immune Responses. <i>Journal of Virology</i> , 2021, 95, .	3.4	37
35	Time elapsed between Zika and dengue virus infections affects antibody and T cell responses. <i>Nature Communications</i> , 2019, 10, 4316.	12.8	31
36	The Role of CD40-CD154 Interaction in Antiviral T Cell-Independent IgG Responses. <i>Journal of Immunology</i> , 2000, 164, 5877-5882.	0.8	26

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37	mRNA induced expression of human angiotensin-converting enzyme 2 in mice for the study of the adaptive immune response to severe acute respiratory syndrome coronavirus 2. <i>PLoS Pathogens</i> , 2020, 16, e1009163.	4.7	24
38	Function Is More Reliable than Quantity to Follow Up the Humoral Response to the Receptor-Binding Domain of SARS-CoV-2-Spike Protein after Natural Infection or COVID-19 Vaccination. <i>Viruses</i> , 2021, 13, 1972.	3.3	22
39	Protection by Immunoglobulin Dual-Affinity Retargeting Antibodies against Dengue Virus. <i>Journal of Virology</i> , 2013, 87, 7747-7753.	3.4	17
40	Mouse Models of Heterologous Flavivirus Immunity: A Role for Cross-Reactive T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1045.	4.8	17
41	Effective control of early Zika virus replication by Dengue immunity is associated to the length of time between the 2 infections but not mediated by antibodies. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008285.	3.0	17
42	The Serological Sciences Network (SeroNet) for COVID-19: Depth and Breadth of Serology Assays and Plans for Assay Harmonization. <i>MSphere</i> , 2022, 7, .	2.9	16
43	Cutting Edge: TLR Ligands Increase TCR Triggering by Slowing Peptide-MHC Class I Decay Rates. <i>Journal of Immunology</i> , 2008, 181, 5199-5203.	0.8	15
44	Isolation and Quantification of Zika Virus from Multiple Organs in a Mouse. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	15
45	Immunogenicity and Efficacy of a Recombinant Human Adenovirus Type 5 Vaccine against Zika Virus. <i>Vaccines</i> , 2020, 8, 170.	4.4	14
46	The small molecule AZD6244 inhibits dengue virus replication in vitro and protects against lethal challenge in a mouse model. <i>Archives of Virology</i> , 2020, 165, 671-681.	2.1	13
47	Pre-existing T Cell Memory against Zika Virus. <i>Journal of Virology</i> , 2021, 95, .	3.4	11
48	Obesity Enhances Disease Severity in Female Mice Following West Nile Virus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 739025.	4.8	11
49	Sultam Thiourea Inhibition of West Nile Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2642-2645.	3.2	10
50	Generation and characterization of an <i>IL2RG</i> knockout Syrian hamster model for XSCID and HAdV-C6 infection in immunocompromised patients. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	9
51	Heterotypic immunity against vaccinia virus in an HLA-B*07:02 transgenic mousepox infection model. <i>Scientific Reports</i> , 2020, 10, 13167.	3.3	9
52	Balanced T and B cell responses are required for immune protection against Powassan virus in virus-like particle vaccination. <i>Cell Reports</i> , 2022, 38, 110388.	6.4	9
53	Human iPSC-Derived Neuronal Cells From CTBP1-Mutated Patients Reveal Altered Expression of Neurodevelopmental Gene Networks. <i>Frontiers in Neuroscience</i> , 2020, 14, 562292.	2.8	6
54	Prior Heterologous Flavivirus Exposure Results in Reduced Pathogenesis in a Mouse Model of Zika Virus Infection. <i>Journal of Virology</i> , 2021, 95, e0057321.	3.4	6

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55	The Ability of Zika virus Intravenous Immunoglobulin to Protect From or Enhance Zika Virus Disease. <i>Frontiers in Immunology</i> , 2021, 12, 717425.	4.8	6
56	Selective estrogen receptor modulator, tamoxifen, inhibits Zika virus infection. <i>Journal of Medical Virology</i> , 2021, 93, 6155-6162.	5.0	5
57	Roles of antiviral sensing and type I interferon signaling in the restriction of SARS-CoV-2 replication. <i>IScience</i> , 2021, , 103553.	4.1	5
58	Mission, Organization, and Future Direction of the Serological Sciences Network for COVID-19 (SeroNet) Epidemiologic Cohort Studies. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.9	5
59	Corticosteroid treatment in COVID-19 modulates host inflammatory responses and transcriptional signatures of immune dysregulation. <i>Journal of Leukocyte Biology</i> , 2021, 110, 1225-1239.	3.3	4
60	The Temporal Role of Cytokines in Flavivirus Protection and Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 25-33.	3.4	3
61	Current Flavivirus Research Important for Vaccine Development. <i>Vaccines</i> , 2020, 8, 477.	4.4	2
62	Protease inhibitors strike a blow to KS progression. <i>Trends in Microbiology</i> , 2002, 10, 214.	7.7	1
63	Tamoxifen as a Zika Virus Therapeutic. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
64	Diagnostic differentiation of Zika and dengue virus exposure by analyzing T cell receptor sequences from peripheral blood of infected HLA-A2 transgenic mice. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008896.	3.0	1
65	Title is missing!. , 2020, 16, e1009163.		0
66	Title is missing!. , 2020, 16, e1009163.		0
67	Title is missing!. , 2020, 16, e1009163.		0
68	Title is missing!. , 2020, 16, e1009163.		0
69	Titration and neutralizing antibody quantification by focus forming assay for Powassan virus. <i>STAR Protocols</i> , 2022, 3, 101473.	1.2	0