

Peter A Barry

List of Publications by Year in descending order

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66
papers

2,359
citations

201674

27
h-index

223800

46
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68
all docs

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docs citations

68
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenesis of Wild-Type-Like Rhesus Cytomegalovirus Strains following Oral Exposure of Immune-Competent Rhesus Macaques. <i>Journal of Virology</i> , 2022, 96, JV10165321.	3.4	5
2	Horizontal Transmission of Cytomegalovirus in a Rhesus Model Despite High-Level, Vaccine-Elicited Neutralizing Antibody and T-Cell Responses. <i>Journal of Infectious Diseases</i> , 2022, 226, 585-594.	4.0	6
3	Bridging the gap: Using reservoir ecology and human serosurveys to estimate Lassa virus spillover in West Africa. <i>PLoS Computational Biology</i> , 2021, 17, e1008811.	3.2	27
4	Cytomegalovirus mediates expansion of IL-15-responsive innate-memory cells with SIV killing function. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	9
5	Cytomegalovirus-vectored vaccines for HIV and other pathogens. <i>Aids</i> , 2020, 34, 335-349.	2.2	10
6	Bayesian estimation of Lassa virus epidemiological parameters: Implications for spillover prevention using wildlife vaccination. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007920.	3.0	9
7	RhCMV serostatus and vaccine adjuvant impact immunogenicity of RhCMV/SIV vaccines. <i>Scientific Reports</i> , 2020, 10, 14056.	3.3	4
8	Intrahost cytomegalovirus population genetics following antibody pretreatment in a monkey model of congenital transmission. <i>PLoS Pathogens</i> , 2020, 16, e1007968.	4.7	8
9	In vitro and in vivo characterization of a recombinant rhesus cytomegalovirus containing a complete genome. <i>PLoS Pathogens</i> , 2020, 16, e1008666.	4.7	20
10	Title is missing!. , 2020, 16, e1008666.		0
11	Title is missing!. , 2020, 16, e1008666.		0
12	Title is missing!. , 2020, 16, e1008666.		0
13	Title is missing!. , 2020, 16, e1008666.		0
14	Neutralization of rhesus cytomegalovirus IL-10 reduces horizontal transmission and alters long-term immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13036-13041.	7.1	9
15	Subclinical Cytomegalovirus Infection Is Associated with Altered Host Immunity, Gut Microbiota, and Vaccine Responses. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
16	Exploiting 2A peptides to elicit potent neutralizing antibodies by a multi-subunit herpesvirus glycoprotein complex. <i>Journal of Virological Methods</i> , 2018, 251, 30-37.	2.1	14
17	Suspected Exposure to Filoviruses Among People Contacting Wildlife in Southwestern Uganda. <i>Journal of Infectious Diseases</i> , 2018, 218, S277-S286.	4.0	16
18	Identification of a Continuous Neutralizing Epitope within UL128 of Human Cytomegalovirus. <i>Journal of Virology</i> , 2017, 91, .	3.4	17

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19	Plasmablast Response to Primary Rhesus Cytomegalovirus (CMV) Infection in a Monkey Model of Congenital CMV Transmission. <i>Vaccine Journal</i> , 2017, 24, .	3.1	15
20	Rhesus monkeys for a nonhuman primate model of cytomegalovirus infections. <i>Current Opinion in Virology</i> , 2017, 25, 126-133.	5.4	55
21	Mountain gorilla lymphocryptovirus has Epstein-Barr virus-like epidemiology and pathology in infants. <i>Scientific Reports</i> , 2017, 7, 5352.	3.3	10
22	Preexisting antibodies can protect against congenital cytomegalovirus infection in monkeys. <i>JCI Insight</i> , 2017, 2, .	5.0	63
23	Changes in Circulating B Cell Subsets Associated with Aging and Acute SIV Infection in Rhesus Macaques. <i>PLoS ONE</i> , 2017, 12, e0170154.	2.5	8
24	Comparison of homologous and heterologous prime-boost vaccine approaches using Modified Vaccinia Ankara and soluble protein to induce neutralizing antibodies by the human cytomegalovirus pentamer complex in mice. <i>PLoS ONE</i> , 2017, 12, e0183377.	2.5	10
25	Detection of viruses using discarded plants from wild mountain gorillas and golden monkeys. <i>American Journal of Primatology</i> , 2016, 78, 1222-1234.	1.7	20
26	Exploitation of Interleukin-10 (IL-10) Signaling Pathways: Alternate Roles of Viral and Cellular IL-10 in Rhesus Cytomegalovirus Infection. <i>Journal of Virology</i> , 2016, 90, 9920-9930.	3.4	17
27	The susceptibility of primary cultured rhesus macaque kidney epithelial cells to rhesus cytomegalovirus strains. <i>Journal of General Virology</i> , 2016, 97, 1426-1438.	2.9	21
28	Utilizing a TLR5-Adjuvanted Cytomegalovirus as a Lentiviral Vaccine in the Nonhuman Primate Model for AIDS. <i>PLoS ONE</i> , 2016, 11, e0155629.	2.5	8
29	The interplay between immune maturation, age, chronic viral infection and environment. <i>Immunity and Ageing</i> , 2015, 12, 3.	4.2	36
30	Exploiting viral natural history for vaccine development. <i>Medical Microbiology and Immunology</i> , 2015, 204, 255-262.	4.8	8
31	Vaccine-Derived Neutralizing Antibodies to the Human Cytomegalovirus gH/gL Pentamer Potently Block Primary Cytotrophoblast Infection. <i>Journal of Virology</i> , 2015, 89, 11884-11898.	3.4	79
32	Maternal CD4 ⁺ T cells protect against severe congenital cytomegalovirus disease in a novel nonhuman primate model of placental cytomegalovirus transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13645-13650.	7.1	90
33	Editorial overview: Host pathogens: New paradigms and tools to decipher and deconstruct the host-pathogen interaction. <i>Current Opinion in Immunology</i> , 2015, 36, v-viii.	5.5	0
34	Using the Nonhuman Primate Model of HCMV to Guide Vaccine Development. <i>Viruses</i> , 2014, 6, 1483-1501.	3.3	20
35	Human Cytomegalovirus Vaccine Based on the Envelope gH/gL Pentamer Complex. <i>PLoS Pathogens</i> , 2014, 10, e1004524.	4.7	106
36	Limited Dissemination and Shedding of the UL128 Complex-Intact, UL128-Defective Rhesus Cytomegalovirus Strain 180.92. <i>Journal of Virology</i> , 2014, 88, 9310-9320.	3.4	22

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37	Vaccination against a Virus-Encoded Cytokine Significantly Restricts Viral Challenge. <i>Journal of Virology</i> , 2013, 87, 11323-11331.	3.4	26
38	Reevaluation of the Coding Potential and Proteomic Analysis of the BAC-Derived Rhesus Cytomegalovirus Strain 68-1. <i>Journal of Virology</i> , 2012, 86, 8959-8973.	3.4	46
39	Patterns of Acute Rhesus Cytomegalovirus (RhCMV) Infection Predict Long-Term RhCMV Infection. <i>Journal of Virology</i> , 2012, 86, 6354-6357.	3.4	19
40	Use of specific pathogen-free (SPF) rhesus macaques to better model oral pediatric cytomegalovirus infection. <i>Journal of Medical Primatology</i> , 2012, 41, 225-229.	0.6	11
41	Effects of milk collection and processing methods on origin and integrity of RNA in milk. <i>FASEB Journal</i> , 2012, 26, 624.2.	0.5	0
42	Open Reading Frames Carried on UL/bâ€² Are Implicated in Shedding and Horizontal Transmission of Rhesus Cytomegalovirus in Rhesus Monkeys. <i>Journal of Virology</i> , 2011, 85, 5105-5114.	3.4	51
43	Vaccine-Induced Control of Viral Shedding following Rhesus Cytomegalovirus Challenge in Rhesus Macaques. <i>Journal of Virology</i> , 2011, 85, 2878-2890.	3.4	47
44	Attenuation of innate immunity by cytomegalovirus IL-10 establishes a long-term deficit of adaptive antiviral immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22647-22652.	7.1	76
45	Virus-Encoded Homologs of Cellular Interleukin-10 and Their Control of Host Immune Function. <i>Journal of Virology</i> , 2009, 83, 9618-9629.	3.4	133
46	Protein coding content of the UL/bâ€² region of wild-type rhesus cytomegalovirus. <i>Virology</i> , 2008, 373, 181-188.	2.4	55
47	Chapter 5 Rhesus Cytomegalovirus. <i>Advances in Virus Research</i> , 2008, 72, 207-226.	2.1	60
48	A heterologous DNA prime/protein boost immunization strategy for rhesus cytomegalovirus. <i>Vaccine</i> , 2008, 26, 6013-6025.	3.8	26
49	Functional Genetic Analysis of Rhesus Cytomegalovirus: Rh01 Is an Epithelial Cell Tropism Factor. <i>Journal of Virology</i> , 2008, 82, 2170-2181.	3.4	25
50	Development of breeding populations of rhesus macaques (<i>Macaca mulatta</i>) that are specific pathogen-free for rhesus cytomegalovirus. <i>Comparative Medicine</i> , 2008, 58, 43-6.	1.0	25
51	Immunogenicity and Protective Efficacy of DNA Vaccines Expressing Rhesus Cytomegalovirus Glycoprotein B, Phosphoprotein 65-2, and Viral Interleukin-10 in Rhesus Macaques. <i>Journal of Virology</i> , 2007, 81, 1095-1109.	3.4	45
52	Primate betaherpesviruses. , 2007, , 1051-1075.		17
53	Nonhuman Primate Models of Intrauterine Cytomegalovirus Infection. <i>ILAR Journal</i> , 2006, 47, 49-64.	1.8	96
54	Characterization and immunological analysis of the rhesus cytomegalovirus homologue (Rh112) of the human cytomegalovirus UL83 lower matrix phosphoprotein (pp65). <i>Journal of General Virology</i> , 2006, 87, 777-787.	2.9	31

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55	Efficient Electroporation of Mammalian Cells in Culture. , 2004, 245, 207-214.		3
56	Differential function and expression of the viral inhibitor of caspase 8-induced apoptosis (vICA) and the viral mitochondria-localized inhibitor of apoptosis (vMIA) cell death suppressors conserved in primate and rodent cytomegaloviruses. <i>Virology</i> , 2003, 316, 221-233.	2.4	122
57	Prevalence of antibodies to selected viruses in a long-term closed breeding colony of rhesus macaques (<i>Macaca mulatta</i>) in Brazil. <i>American Journal of Primatology</i> , 2003, 59, 123-128.	1.7	57
58	Antibody responses to rhesus cytomegalovirus glycoprotein B in naturally infected rhesus macaques. <i>Journal of General Virology</i> , 2003, 84, 3371-3379.	2.9	41
59	Cloning of the Full-Length Rhesus Cytomegalovirus Genome as an Infectious and Self-Excisable Bacterial Artificial Chromosome for Analysis of Viral Pathogenesis. <i>Journal of Virology</i> , 2003, 77, 5073-5083.	3.4	84
60	A Recombinant Rhesus Cytomegalovirus Expressing Enhanced Green Fluorescent Protein Retains the Wild-Type Phenotype and Pathogenicity in Fetal Macaques. <i>Journal of Virology</i> , 2002, 76, 9493-9504.	3.4	61
61	Experimental Coinfection of Rhesus Macaques with Rhesus Cytomegalovirus and Simian Immunodeficiency Virus: Pathogenesis. <i>Journal of Virology</i> , 2002, 76, 7661-7671.	3.4	68
62	Replication of rhesus cytomegalovirus in life-expanded rhesus fibroblasts expressing human telomerase. <i>Journal of Virological Methods</i> , 2002, 104, 135-146.	2.1	54
63	Primate Cytomegaloviruses Encode and Express an IL-10-like Protein. <i>Virology</i> , 2000, 268, 272-280.	2.4	145
64	Pathogenesis of Experimental Rhesus Cytomegalovirus Infection. <i>Journal of Virology</i> , 1999, 73, 9576-9583.	3.4	105
65	Analysis of the Rhesus Cytomegalovirus Immediate-Early Gene Promoter. <i>Virology</i> , 1993, 194, 815-821.	2.4	44
66	Molecular Interactions of Cytomegalovirus and the Human and Simian Immunodeficiency Viruses. <i>Journal of Medical Primatology</i> , 1990, 19, 327-337.	0.6	11