Peter A Barry

List of Publications by Year
in descending order

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66	2,359	201674	223800
papers	citations	27	46
		h-index	g-index

68	68	68	1812
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Primate Cytomegaloviruses Encode and Express an IL-10-like Protein. Virology, 2000, 268, 272-280.	2.4	145
2	Virus-Encoded Homologs of Cellular Interleukin-10 and Their Control of Host Immune Function. Journal of Virology, 2009, 83, 9618-9629.	3.4	133
3	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. Virology, 2003, 316, 221-233.	2.4	122
4	Human Cytomegalovirus Vaccine Based on the Envelope gH/gL Pentamer Complex. PLoS Pathogens, 2014, 10, e1004524.	4.7	106
5	Pathogenesis of Experimental Rhesus Cytomegalovirus Infection. Journal of Virology, 1999, 73, 9576-9583.	3.4	105
6	Nonhuman Primate Models of Intrauterine Cytomegalovirus Infection. ILAR Journal, 2006, 47, 49-64.	1.8	96
7	Maternal CD4 ⁺ T cells protect against severe congenital cytomegalovirus disease in a novel nonhuman primate model of placental cytomegalovirus transmission. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13645-13650.	7.1	90
8	Cloning of the Full-Length Rhesus Cytomegalovirus Genome as an Infectious and Self-Excisable Bacterial Artificial Chromosome for Analysis of Viral Pathogenesis. Journal of Virology, 2003, 77, 5073-5083.	3.4	84
9	Vaccine-Derived Neutralizing Antibodies to the Human Cytomegalovirus gH/gL Pentamer Potently Block Primary Cytotrophoblast Infection. Journal of Virology, 2015, 89, 11884-11898.	3.4	79
10	Attenuation of innate immunity by cytomegalovirus IL-10 establishes a long-term deficit of adaptive antiviral immunity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22647-22652.	7.1	76
11	Experimental Coinfection of Rhesus Macaques with Rhesus Cytomegalovirus and Simian Immunodeficiency Virus: Pathogenesis. Journal of Virology, 2002, 76, 7661-7671.	3.4	68
12	Preexisting antibodies can protect against congenital cytomegalovirus infection in monkeys. JCI Insight, 2017, 2, .	5.0	63
13	A Recombinant Rhesus Cytomegalovirus Expressing Enhanced Green Fluorescent Protein Retains the Wild-Type Phenotype and Pathogenicity in Fetal Macaques. Journal of Virology, 2002, 76, 9493-9504.	3.4	61
14	Chapter 5 Rhesus Cytomegalovirus. Advances in Virus Research, 2008, 72, 207-226.	2.1	60
15	Prevalence of antibodies to selected viruses in a long-term closed breeding colony of rhesus macaques (Macaca mulatta) in Brazil. American Journal of Primatology, 2003, 59, 123-128.	1.7	57
16	Protein coding content of the ULbâ€² region of wild-type rhesus cytomegalovirus. Virology, 2008, 373, 181-188.	2.4	55
17	Rhesus monkeys for a nonhuman primate model of cytomegalovirus infections. Current Opinion in Virology, 2017, 25, 126-133.	5.4	55
18	Replication of rhesus cytomegalovirus in life-expanded rhesus fibroblasts expressing human telomerase. Journal of Virological Methods, 2002, 104, 135-146.	2.1	54

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19	Open Reading Frames Carried on UL/bâ€² Are Implicated in Shedding and Horizontal Transmission of Rhesus Cytomegalovirus in Rhesus Monkeys. Journal of Virology, 2011, 85, 5105-5114.	3.4	51
20	Vaccine-Induced Control of Viral Shedding following Rhesus Cytomegalovirus Challenge in Rhesus Macaques. Journal of Virology, 2011, 85, 2878-2890.	3.4	47
21	Reevaluation of the Coding Potential and Proteomic Analysis of the BAC-Derived Rhesus Cytomegalovirus Strain 68-1. Journal of Virology, 2012, 86, 8959-8973.	3.4	46
22	Immunogenicity and Protective Efficacy of DNA Vaccines Expressing Rhesus Cytomegalovirus Glycoprotein B, Phosphoprotein 65-2, and Viral Interleukin-10 in Rhesus Macaques. Journal of Virology, 2007, 81, 1095-1109.	3.4	45
23	Analysis of the Rhesus Cytomegalovirus Immediate-Early Gene Promoter. Virology, 1993, 194, 815-821.	2.4	44
24	Antibody responses to rhesus cytomegalovirus glycoprotein B in naturally infected rhesus macaques. Journal of General Virology, 2003, 84, 3371-3379.	2.9	41
25	The interplay between immune maturation, age, chronic viral infection and environment. Immunity and Ageing, 2015, 12, 3.	4.2	36
26	Subclinical Cytomegalovirus Infection Is Associated with Altered Host Immunity, Gut Microbiota, and Vaccine Responses. Journal of Virology, 2018, 92, .	3.4	33
27	Characterization and immunological analysis of the rhesus cytomegalovirus homologue (Rh112) of the human cytomegalovirus UL83 lower matrix phosphoprotein (pp65). Journal of General Virology, 2006, 87, 777-787.	2.9	31
28	Bridging the gap: Using reservoir ecology and human serosurveys to estimate Lassa virus spillover in West Africa. PLoS Computational Biology, 2021, 17, e1008811.	3.2	27
29	A heterologous DNA prime/protein boost immunization strategy for rhesus cytomegalovirus. Vaccine, 2008, 26, 6013-6025.	3.8	26
30	Vaccination against a Virus-Encoded Cytokine Significantly Restricts Viral Challenge. Journal of Virology, 2013, 87, 11323-11331.	3.4	26
31	Functional Genetic Analysis of Rhesus Cytomegalovirus: Rh01 Is an Epithelial Cell Tropism Factor. Journal of Virology, 2008, 82, 2170-2181.	3.4	25
32	Development of breeding populations of rhesus macaques (Macaca mulatta) that are specific pathogen-free for rhesus cytomegalovirus. Comparative Medicine, 2008, 58, 43-6.	1.0	25
33	Limited Dissemination and Shedding of the UL128 Complex-Intact, UL/bâ€²-Defective Rhesus Cytomegalovirus Strain 180.92. Journal of Virology, 2014, 88, 9310-9320.	3.4	22
34	The susceptibility of primary cultured rhesus macaque kidney epithelial cells to rhesus cytomegalovirus strains. Journal of General Virology, 2016, 97, 1426-1438.	2.9	21
35	Using the Nonhuman Primate Model of HCMV to Guide Vaccine Development. Viruses, 2014, 6, 1483-1501.	3.3	20
36	Detection of viruses using discarded plants from wild mountain gorillas and golden monkeys. American Journal of Primatology, 2016, 78, 1222-1234.	1.7	20

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37	In vitro and in vivo characterization of a recombinant rhesus cytomegalovirus containing a complete genome. PLoS Pathogens, 2020, 16, e1008666.	4.7	20
38	Patterns of Acute Rhesus Cytomegalovirus (RhCMV) Infection Predict Long-Term RhCMV Infection. Journal of Virology, 2012, 86, 6354-6357.	3.4	19
39	Primate betaherpesviruses. , 2007, , 1051-1075.		17
40	Exploitation of Interleukin-10 (IL-10) Signaling Pathways: Alternate Roles of Viral and Cellular IL-10 in Rhesus Cytomegalovirus Infection. Journal of Virology, 2016, 90, 9920-9930.	3.4	17
41	Identification of a Continuous Neutralizing Epitope within UL128 of Human Cytomegalovirus. Journal of Virology, 2017, 91, .	3.4	17
42	Suspected Exposure to Filoviruses Among People Contacting Wildlife in Southwestern Uganda. Journal of Infectious Diseases, 2018, 218, S277-S286.	4.0	16
43	Plasmablast Response to Primary Rhesus Cytomegalovirus (CMV) Infection in a Monkey Model of Congenital CMV Transmission. Vaccine Journal, 2017, 24, .	3.1	15
44	Exploiting 2A peptides to elicit potent neutralizing antibodies by a multi-subunit herpesvirus glycoprotein complex. Journal of Virological Methods, 2018, 251, 30-37.	2.1	14
45	Use of specificâ€pathogenâ€free (SPF) rhesus macaques to better model oral pediatric cytomegalovirus infection. Journal of Medical Primatology, 2012, 41, 225-229.	0.6	11
46	Molecular Interactions of Cytomegalovirus and the Human and Simian Immunodeficiency Viruses. Journal of Medical Primatology, 1990, 19, 327-337.	0.6	11
47	Mountain gorilla lymphocryptovirus has Epstein-Barr virus-like epidemiology and pathology in infants. Scientific Reports, 2017, 7, 5352.	3.3	10
48	Cytomegalovirus-vectored vaccines for HIV and other pathogens. Aids, 2020, 34, 335-349.	2.2	10
49	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. PLoS ONE, 2017, 12, e0183377.	2.5	10
50	Neutralization of rhesus cytomegalovirus IL-10 reduces horizontal transmission and alters long-term immunity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13036-13041.	7.1	9
51	Bayesian estimation of Lassa virus epidemiological parameters: Implications for spillover prevention using wildlife vaccination. PLoS Neglected Tropical Diseases, 2020, 14, e0007920.	3.0	9
52	Cytomegalovirus mediates expansion of IL-15â€“responsive innate-memory cells with SIV killing function. Journal of Clinical Investigation, 2021, 131, .	8.2	9
53	Exploiting viral natural history for vaccine development. Medical Microbiology and Immunology, 2015, 204, 255-262.	4.8	8
54	Intrahost cytomegalovirus population genetics following antibody pretreatment in a monkey model of congenital transmission. PLoS Pathogens, 2020, 16, e1007968.	4.7	8

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55	Utilizing a TLR5-Adjuvanted Cytomegalovirus as a Lentiviral Vaccine in the Nonhuman Primate Model for AIDS. PLoS ONE, 2016, 11, e0155629.	2.5	8
56	Changes in Circulating B Cell Subsets Associated with Aging and Acute SIV Infection in Rhesus Macaques. PLoS ONE, 2017, 12, e0170154.	2.5	8
57	Horizontal Transmission of Cytomegalovirus in a Rhesus Model Despite High-Level, Vaccine-Elicited Neutralizing Antibody and T-Cell Responses. Journal of Infectious Diseases, 2022, 226, 585-594.	4.0	6
58	Pathogenesis of Wild-Type-Like Rhesus Cytomegalovirus Strains following Oral Exposure of Immune-Competent Rhesus Macaques. Journal of Virology, 2022, 96, JVI0165321.	3.4	5
59	RhCMV serostatus and vaccine adjuvant impact immunogenicity of RhCMV/SIV vaccines. Scientific Reports, 2020, 10, 14056.	3.3	4
60	Efficient Electroporation of Mammalian Cells in Culture. , 2004, 245, 207-214.		3
61	Editorial overview: Host pathogens: New paradigms and tools to decipher and deconstruct the hostâ€“pathogen interaction. Current Opinion in Immunology, 2015, 36, v-viii.	5.5	0
62	Effects of milk collection and processing methods on origin and integrity of RNA in milk. FASEB Journal, 2012, 26, 624.2.	0.5	0
63	Title is missing!. , 2020, 16, e1008666.		0
64	Title is missing!. , 2020, 16, e1008666.		0
65	Title is missing!. , 2020, 16, e1008666.		0
66	Title is missing!. , 2020, 16, e1008666.		0