

Steven B Bradfute

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

5,796
citations

136950

32
h-index

79698

73
g-index

80
all docs

80
docs citations

80
times ranked

10747
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-autophagy Role of Atg5 and NBR1 in Unconventional Secretion of IL-12 Prevents Gut Dysbiosis and Inflammation. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 259-274.	1.3	10
2	Use of a Novel Detection Tool to Survey Orthohantaviruses in Wild-Caught Rodent Populations. <i>Viruses</i> , 2022, 14, 682.	3.3	2
3	Human antibody recognizing a quaternary epitope in the Puumala virus glycoprotein provides broad protection against orthohantaviruses. <i>Science Translational Medicine</i> , 2022, 14, eabl5399.	12.4	16
4	The discovery and development of novel treatment strategies for filoviruses. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 139-149.	5.0	9
5	Elevated SARS-CoV-2 in peripheral blood and increased COVID-19 severity in American Indians/Alaska Natives. <i>Experimental Biology and Medicine</i> , 2022, 247, 1253-1263.	2.4	2
6	Healthy humans can be a source of antibodies countering COVID-19. <i>Bioengineered</i> , 2022, 13, 12598-12624.	3.2	0
7	The iminosugars celgosivir, castanospermine and UV-4 inhibit SARS-CoV-2 replication. <i>Glycobiology</i> , 2021, 31, 378-384.	2.5	44
8	Formulation of stabilizer-free, nontoxic PLGA and elastin-PLGA nanoparticle delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120340.	5.2	16
9	Anti-SARS-CoV-2 Activity of Surgical Masks Infused with Quaternary Ammonium Salts. <i>Viruses</i> , 2021, 13, 960.	3.3	7
10	Genetic depletion studies inform receptor usage by virulent hantaviruses in human endothelial cells. <i>ELife</i> , 2021, 10, .	6.0	13
11	COVID-19 global pandemic planning: Presence of SARS-CoV-2 fomites in a university hospital setting. <i>Experimental Biology and Medicine</i> , 2021, 246, 2039-2045.	2.4	7
12	RNA Phage VLP-Based Vaccine Platforms. <i>Pharmaceutics</i> , 2021, 14, 764.	3.8	9
13	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
14	Longitudinal Assessment of Cytokine Expression and Plasminogen Activation in Hantavirus Cardiopulmonary Syndrome Reveals Immune Regulatory Dysfunction in End-Stage Disease. <i>Viruses</i> , 2021, 13, 1597.	3.3	4
15	Tracing Transmission of Sin Nombre Virus and Discovery of Infection in Multiple Rodent Species. <i>Journal of Virology</i> , 2021, 95, e0153421.	3.4	14
16	Correlation of SARS-CoV-2 Neutralizing Antibodies to an Automated Chemiluminescent Serological Immunoassay. <i>Journal of Applied Laboratory Medicine</i> , The, 2021, 6, 491-495.	1.3	16
17	COVID-19 global pandemic planning: Dry heat incubation and ambient temperature fail to consistently inactivate SARS-CoV-2 on N95 respirators. <i>Experimental Biology and Medicine</i> , 2021, 246, 952-959.	2.4	4
18	Virtual and In Vitro Antiviral Screening Revive Therapeutic Drugs for COVID-19. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1278-1292.	4.9	43

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19	Ribosome Display Technology: Applications in Disease Diagnosis and Control. <i>Antibodies</i> , 2020, 9, 28.	2.5	24
20	Engineered Human Cathelicidin Antimicrobial Peptides Inhibit Ebola Virus Infection. <i>IScience</i> , 2020, 23, 100999.	4.1	40
21	Severe Acute Respiratory Syndrome Coronavirus 2 Neutralizing Antibody Titers in Convalescent Plasma and Recipients in New Mexico: An Open Treatment Study in Patients With Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2020, 222, 1620-1628.	4.0	41
22	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
23	COVID-19 global pandemic planning: Decontamination and reuse processes for N95 respirators. <i>Experimental Biology and Medicine</i> , 2020, 245, 933-939.	2.4	31
24	Vaccine Advances against Venezuelan, Eastern, and Western Equine Encephalitis Viruses. <i>Vaccines</i> , 2020, 8, 273.	4.4	23
25	The value of antimicrobial peptides in the age of resistance. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e216-e230.	9.1	573
26	The use of mice lacking type I or both type I and type II interferon responses in research on hemorrhagic fever viruses. Part 1: Potential effects on adaptive immunity and response to vaccination. <i>Antiviral Research</i> , 2020, 174, 104703.	4.1	16
27	Generation and Selection of a Panel of Pan-Filovirus Single-Chain Antibodies using Cell-Free Ribosome Display. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 198-206.	1.4	6
28	Ebola virus vaccination and the longevity of total versus neutralising antibody response—is it enough?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 699-700.	9.1	4
29	Ribosome display for the rapid generation of high-affinity Zika-neutralizing single-chain antibodies. <i>PLoS ONE</i> , 2018, 13, e0205743.	2.5	13
30	Amphiphilic block copolymer delivery of a DNA vaccine against Zika virus. <i>Vaccine</i> , 2018, 36, 6911-6917.	3.8	17
31	Advances in Ebola virus vaccination. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 787-788.	9.1	2
32	Comparison of N - and O -linked glycosylation patterns of ebolavirus glycoproteins. <i>Virology</i> , 2017, 502, 39-47.	2.4	26
33	Production and Purification of Filovirus Glycoproteins in Insect and Mammalian Cell Lines. <i>Scientific Reports</i> , 2017, 7, 15091.	3.3	11
34	The early clinical development of Ebola virus treatments. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 1-4.	4.1	3
35	Ebolavirus Glycoprotein Fc Fusion Protein Protects Guinea Pigs against Lethal Challenge. <i>PLoS ONE</i> , 2016, 11, e0162446.	2.5	26
36	Duration of immune responses after Ebola virus vaccination. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 2-3.	9.1	4

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37	Eastern equine encephalitis virus in mice I: clinical course and outcome are dependent on route of exposure. <i>Virology Journal</i> , 2015, 12, 152.	3.4	17
38	Filoviruses: One of These Things is (not) Like the Other. <i>Viruses</i> , 2015, 7, 5172-5190.	3.3	27
39	Virus-Like Particles Activate Type I Interferon Pathways to Facilitate Post-Exposure Protection against Ebola Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0118345.	2.5	21
40	Mechanisms of Immunity in Post-Exposure Vaccination against Ebola Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0118434.	2.5	18
41	Pharmaceutical screen identifies novel target processes for activation of autophagy with a broad translational potential. <i>Nature Communications</i> , 2015, 6, 8620.	12.8	130
42	<i>Staphylococcus aureus</i> : Current State of Prevalence, Impact, and Vaccine Development. <i>Current Pharmaceutical Design</i> , 2015, 21, 2131-2135.	1.9	4
43	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. <i>Archives of Virology</i> , 2014, 159, 1229-37.	2.1	59
44	Induced IL-10 Splice Altering Approach to Antiviral Drug Discovery. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 179-185.	3.6	12
45	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. <i>Viruses</i> , 2014, 6, 3663-3682.	3.3	49
46	Ebola Virus-Like Particles Stimulate Type I Interferons and Proinflammatory Cytokine Expression Through the Toll-Like Receptor and Interferon Signaling Pathways. <i>Journal of Interferon and Cytokine Research</i> , 2014, 34, 79-89.	1.2	37
47	Virus nomenclature below the species level: a standardized nomenclature for laboratory animal-adapted strains and variants of viruses assigned to the family Filoviridae. <i>Archives of Virology</i> , 2013, 158, 1425-1432.	2.1	54
48	Virus nomenclature below the species level: a standardized nomenclature for natural variants of viruses assigned to the family Filoviridae. <i>Archives of Virology</i> , 2013, 158, 301-311.	2.1	99
49	Autophagy as an immune effector against tuberculosis. <i>Current Opinion in Microbiology</i> , 2013, 16, 355-365.	5.1	101
50	Mouse Models for Filovirus Infections. <i>Viruses</i> , 2012, 4, 1477-1508.	3.3	59
51	TBK-1 Promotes Autophagy-Mediated Antimicrobial Defense by Controlling Autophagosome Maturation. <i>Immunity</i> , 2012, 37, 223-234.	14.3	563
52	Ebola virus glycoprotein Fc fusion protein confers protection against lethal challenge in vaccinated mice. <i>Vaccine</i> , 2011, 29, 2968-2977.	3.8	69
53	Development and characterization of rabbit and mouse antibodies against ebolavirus envelope glycoproteins. <i>Journal of Virological Methods</i> , 2011, 174, 99-109.	2.1	13
54	A STAT-1 knockout mouse model for Machupo virus pathogenesis. <i>Virology Journal</i> , 2011, 8, 300.	3.4	36

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55	Crimean-Congo hemorrhagic fever: Current and future prospects of vaccines and therapies. <i>Antiviral Research</i> , 2011, 90, 85-92.	4.1	91
56	Ebolavirus β -Peptide Immunoadhesins Inhibit Marburgvirus and Ebolavirus Cell Entry. <i>Journal of Virology</i> , 2011, 85, 8502-8513.	3.4	41
57	Filovirus Infection of STAT-1 Knockout Mice. <i>Journal of Infectious Diseases</i> , 2011, 204, S986-S990.	4.0	67
58	Filovirus vaccines. <i>Hum Vaccin</i> , 2011, 7, 701-711.	2.4	29
59	Correlates of Immunity to Filovirus Infection. <i>Viruses</i> , 2011, 3, 982-1000.	3.3	35
60	Mechanisms and Consequences of Ebolavirus-Induced Lymphocyte Apoptosis. <i>Journal of Immunology</i> , 2010, 184, 327-335.	0.8	69
61	Reduced Expression of CD45 Protein-tyrosine Phosphatase Provides Protection against Anthrax Pathogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 12874-12885.	3.4	26
62	Ebola Zaire Virus Blocks Type I Interferon Production by Exploiting the Host SUMO Modification Machinery. <i>PLoS Pathogens</i> , 2009, 5, e1000493.	4.7	185
63	Development and Characterization of a Mouse Model for Marburg Hemorrhagic Fever. <i>Journal of Virology</i> , 2009, 83, 6404-6415.	3.4	99
64	Reduced Levels of Protein Tyrosine Phosphatase CD45 Protect Mice from the Lethal Effects of Ebola Virus Infection. <i>Cell Host and Microbe</i> , 2009, 6, 162-173.	11.0	22
65	Functional CD8+ T Cell Responses in Lethal Ebola Virus Infection. <i>Journal of Immunology</i> , 2008, 180, 4058-4066.	0.8	76
66	Lymphocyte Death in a Mouse Model of Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2007, 196, S296-S304.	4.0	79
67	Hematopoietic Fingerprints: An Expression Database of Stem Cells and Their Progeny. <i>Cell Stem Cell</i> , 2007, 1, 578-591.	11.1	279
68	Development of a model for marburgvirus based on severe-combined immunodeficiency mice. <i>Virology Journal</i> , 2007, 4, 108.	3.4	53
69	Differential mRNA Processing in Hematopoietic Stem Cells. <i>Stem Cells</i> , 2006, 24, 662-670.	3.2	20
70	Roles of Sca-1 in hematopoietic stem/progenitor cell function. <i>Experimental Hematology</i> , 2005, 33, 836-843.	0.4	108
71	Lineage Fingerprints: The Transcriptome of the Hematopoietic System.. <i>Blood</i> , 2005, 106, 1741-1741.	1.4	0
72	Cardiac Muscle Plasticity in Adult and Embryo by Heart-Derived Progenitor Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1015, 182-189.	3.8	132

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73	Cardiac progenitor cells from adult myocardium: Homing, differentiation, and fusion after infarction. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12313-12318.	7.1	1,652
74	Adenoviral transduction of mouse hematopoietic stem cells. Molecular Therapy, 2003, 7, 334-340.	8.2	19
75	Immune responses to herpes simplex virus infection: implications for vaccine development. Journal of Infectious Diseases, 0, , .	4.0	0