Michael J Buchmeier

List of Publications by Year
in descending order

33	2,085	361413	395702
papers	citations	20 h-index	33 g-index

34	34	34	2292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
2	Monoclonal antibodies to lymphocytic choriomeningitis and pichinde viruses: Generation, characterization, and cross-reactivity with other arenaviruses. Virology, 1981, 113, 73-85.	2.4	189
3	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
4	Past, present, and future of arenavirus taxonomy. Archives of Virology, 2015, 160, 1851-1874.	2.1	158
5	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	2.1	157
6	Acidic pH Triggers LCMV Membrane Fusion Activity and Conformational Change in the Glycoprotein Spike. Virology, 1994, 198, 455-465.	2.4	118
7	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
8	Arenavirus Z-Glycoprotein Association Requires Z Myristoylation but Not Functional RING or Late Domains. Journal of Virology, 2007, 81, 9451-9460.	3.4	94
9	Fine mapping of a peptide sequence containing an antigenic site conserved among arenaviruses. Virology, 1988, 164, 30-38.	2.4	81
10	Complementarity in the Supramolecular Design of Arenaviruses and Retroviruses Revealed by Electron Cryomicroscopy and Image Analysis. Journal of Virology, 2005, 79, 3822-3830.	3.4	72
11	Kinetics and pH Dependence of Acid-Induced Structural Changes in the Lymphocytic Choriomeningitis Virus Glycoprotein Complex. Virology, 1995, 209, 3-9.	2.4	70
12	ICTV Virus Taxonomy Profile: Arenaviridae. Journal of General Virology, 2019, 100, 1200-1201.	2.9	66
13	Protein-protein interactions in lymphocytic choriomeningitis virus. Virology, 1991, 183, 620-629.	2.4	63
14	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
15	Mapping the Landscape of the Lymphocytic Choriomeningitis Virus Stable Signal Peptide Reveals Novel Functional Domains. Journal of Virology, 2007, 81, 5649-5657.	3.4	53
16	Genome-Wide B Cell, CD4+, and CD8+ T Cell Epitopes That Are Highly Conserved between Human and Animal Coronaviruses, Identified from SARS-CoV-2 as Targets for Preemptive Pan-Coronavirus Vaccines. Journal of Immunology, 2021, 206, 2566-2582.	0.8	53
17	Monoclonal antibodies to lymphocytic choriomeningitis virus react with pathogenic arenaviruses. Nature, 1980, 288, 486-487.	27.8	46
18	Arenavirus Stable Signal Peptide Is the Keystone Subunit for Glycoprotein Complex Organization. MBio, 2014, 5, e02063.	4.1	41

#	Article	IF	Citations
19	Does form meet function in the coronavirus replicative organelle?. Trends in Microbiology, 2014, 22, 642-647.	7.7	39
20	Glycosylation modulates arenavirus glycoprotein expression and function. Virology, 2011, 409, 223-233.	2.4	30
21	LCMV Glycosylation Modulates Viral Fitness and Cell Tropism. PLoS ONE, 2013, 8, e53273.	2.5	21
22	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. Systematic Biology, 2016, 66, syw096.	5.6	17
23	ASM Journals Eliminate Impact Factor Information from Journal Websites. MBio, 2016, 7, .	4.1	16
24	Single Nucleoprotein Residue Modulates Arenavirus Replication Complex Formation. MBio, 2015, 6, e00524-15.	4.1	13
25	ASM Journals Eliminate Impact Factor Information from Journal Websites. Infection and Immunity, 2016, 84, 2407-2408.	2.2	9
26	ASM Journals Eliminate Impact Factor Information from Journal Websites. Journal of Clinical Microbiology, 2016, 54, 2216-2217.	3.9	7
27	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSphere, 2016, 1, .	2.9	5
28	ASM Journals Eliminate Impact Factor Information from Journal Websites. Clinical Microbiology Reviews, 2016, 29, i-ii.	13.6	4
29	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSystems, 2016, 1, .	3.8	3
30	ASM Journals Eliminate Impact Factor Information from Journal Websites. Antimicrobial Agents and Chemotherapy, 2016, 60, 5109-5110.	3.2	3
31	ASM Journals Eliminate Impact Factor Information from Journal Websites. Applied and Environmental Microbiology, 2016, 82, 5479-5480.	3.1	1
32	ASM Journals Eliminate Impact Factor Information from Journal Websites. Microbiology and Molecular Biology Reviews, 2016, 80, i-ii.	6.6	1
33	New tools to battle emerging viruses. Current Opinion in Microbiology, 2008, 11, 360-361.	5.1	0