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	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
2	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
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	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
5	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
6	ICTV Virus Taxonomy Profile: Arenaviridae. Journal of General Virology, 2019, 100, 1200-1201.	2.9	66
7	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	2.1	157
8	ASM Journals Eliminate Impact Factor Information from Journal Websites. Applied and Environmental Microbiology, 2016, 82, 5479-5480.	3.1	1
9	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSystems, 2016, 1, .	3.8	3
10	ASM Journals Eliminate Impact Factor Information from Journal Websites. Microbiology and Molecular Biology Reviews, 2016, 80, i-ii.	6.6	1
11	ASM Journals Eliminate Impact Factor Information from Journal Websites. Antimicrobial Agents and Chemotherapy, 2016, 60, 5109-5110.	3.2	3
12	ASM Journals Eliminate Impact Factor Information from Journal Websites. Infection and Immunity, 2016, 84, 2407-2408.	2.2	9
13	ASM Journals Eliminate Impact Factor Information from Journal Websites. Journal of Clinical Microbiology, 2016, 54, 2216-2217.	3.9	7
14	ASM Journals Eliminate Impact Factor Information from Journal Websites. Clinical Microbiology Reviews, 2016, 29, i-ii.	13.6	4
15	ASM Journals Eliminate Impact Factor Information from Journal Websites. MBio, 2016, 7, .	4.1	16
16	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. Systematic Biology, 2016, 66, syw096.	5.6	17
17	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSphere, 2016, 1, .	2.9	5
18	Past, present, and future of arenavirus taxonomy. Archives of Virology, 2015, 160, 1851-1874.	2.1	158

#	Article	IF	Citations
19	Single Nucleoprotein Residue Modulates Arenavirus Replication Complex Formation. MBio, 2015, 6, e00524-15.	4.1	13
20	Arenavirus Stable Signal Peptide Is the Keystone Subunit for Glycoprotein Complex Organization. MBio, 2014, 5, e02063.	4.1	41
21	Does form meet function in the coronavirus replicative organelle?. Trends in Microbiology, 2014, 22, 642-647.	7.7	39
22	LCMV Glycosylation Modulates Viral Fitness and Cell Tropism. PLoS ONE, 2013, 8, e53273.	2.5	21
23	Glycosylation modulates arenavirus glycoprotein expression and function. Virology, 2011, 409, 223-233.	2.4	30
24	New tools to battle emerging viruses. Current Opinion in Microbiology, 2008, 11, 360-361.	5.1	0
25	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
26	Arenavirus Z-Glycoprotein Association Requires Z Myristoylation but Not Functional RING or Late Domains. Journal of Virology, 2007, 81, 9451-9460.	3.4	94
27	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
28	Kinetics and pH Dependence of Acid-Induced Structural Changes in the Lymphocytic Choriomeningitis Virus Glycoprotein Complex. Virology, 1995, 209, 3-9.	2.4	70
29	Acidic pH Triggers LCMV Membrane Fusion Activity and Conformational Change in the Glycoprotein Spike. Virology, 1994, 198, 455-465.	2.4	118
30	Protein-protein interactions in lymphocytic choriomeningitis virus. Virology, 1991, 183, 620-629.	2.4	63
31	Fine mapping of a peptide sequence containing an antigenic site conserved among arenaviruses. Virology, 1988, 164, 30-38.	2.4	81
32	Monoclonal antibodies to lymphocytic choriomeningitis and pichinde viruses: Generation, characterization, and cross-reactivity with other arenaviruses. Virology, 1981, 113, 73-85.	2.4	189
33	Monoclonal antibodies to lymphocytic choriomeningitis virus react with pathogenic arenaviruses. Nature, 1980, 288, 486-487.	27.8	46