## Boyd L Yount Jr

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A broadly cross-reactive antibody neutralizes and protects against sarbecovirus challenge in mice. Science Translational Medicine, 2022, 14, eabj7125.	12.4	93
2	Genomewide CRISPR knockout screen identified PLAC8 as an essential factor for SADS-CoVs infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118126119.	7.1	17
3	Host Kinase CSNK2 is a Target for Inhibition of Pathogenic SARS-like β-Coronaviruses. ACS Chemical Biology, 2022, 17, 1937-1950.	3.4	16
4	Prevention and therapy of SARS-CoV-2 and the B.1.351 variant in mice. Cell Reports, 2021, 36, 109450.	6.4	38
5	Chimeric spike mRNA vaccines protect against Sarbecovirus challenge in mice. Science, 2021, 373, 991-998.	12.6	144
6	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. Journal of Virology, 2020, 94, .	3.4	162
7	Antigenic Variation of the Dengue Virus 2 Genotypes Impacts the Neutralization Activity of Human Antibodies in Vaccinees. Cell Reports, 2020, 33, 108226.	6.4	43
8	A mouse-adapted model of SARS-CoV-2 to test COVID-19 countermeasures. Nature, 2020, 586, 560-566.	27.8	527
9	Swine acute diarrhea syndrome coronavirus replication in primary human cells reveals potential susceptibility to infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26915-26925.	7.1	104
10	Virus–Host Interactions Between Nonsecretors and Human Norovirus. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 245-267.	4.5	24
11	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. Cell, 2020, 182, 429-446.e14.	28.9	1,257
12	Structure of mouse coronavirus spike protein complexed with receptor reveals mechanism for viral entry. PLoS Pathogens, 2020, 16, e1008392.	4.7	126
13	Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. Cell Reports, 2020, 32, 107940.	6.4	412
14	Role of Zika Virus Envelope Protein Domain III as a Target of Human Neutralizing Antibodies. MBio, 2019, 10, .	4.1	26
15	Beyond Neutralizing Antibody Levels: The Epitope Specificity of Antibodies Induced by National Institutes of Health Monovalent Dengue Virus Vaccines. Journal of Infectious Diseases, 2019, 220, 219-227.	4.0	22
16	Antagonism of dsRNA-Induced Innate Immune Pathways by NS4a and NS4b Accessory Proteins during MERS Coronavirus Infection. MBio, 2019, 10, .	4.1	88
17	Human Norovirus Epitope D Plasticity Allows Escape from Antibody Immunity without Loss of Capacity for Binding Cellular Ligands. Journal of Virology, 2019, 93,	3.4	20
18	Development of a Broadly Accessible Venezuelan Equine Encephalitis Virus Replicon Particle Vaccine Platform. Journal of Virology, 2018, 92, .	3.4	33

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19	The Human Sodium Iodide Symporter as a Reporter Gene for Studying Middle East Respiratory Syndrome Coronavirus Pathogenesis. MSphere, 2018, 3, .	2.9	8
20	Evaluation of a recombination-resistant coronavirus as a broadly applicable, rapidly implementable vaccine platform. Communications Biology, 2018, 1, 179.	4.4	53
21	Genetic Variation between Dengue Virus Type 4 Strains Impacts Human Antibody Binding and Neutralization. Cell Reports, 2018, 25, 1214-1224.	6.4	50
22	Analyzing the Human Serum Antibody Responses to a Live Attenuated Tetravalent Dengue Vaccine Candidate. Journal of Infectious Diseases, 2018, 217, 1932-1941.	4.0	23
23	Bat Caliciviruses and Human Noroviruses Are Antigenically Similar and Have Overlapping Histo-Blood Group Antigen Binding Profiles. MBio, 2018, 9, .	4.1	18
24	Combination Attenuation Offers Strategy for Live Attenuated Coronavirus Vaccines. Journal of Virology, 2018, 92, .	3.4	58
25	An Immunocompetent Mouse Model of Zika Virus Infection. Cell Host and Microbe, 2018, 23, 672-685.e6.	11.0	192
26	Human dengue virus serotype 2 neutralizing antibodies target two distinct quaternary epitopes. PLoS Pathogens, 2018, 14, e1006934.	4.7	35
27	A Reverse Genetics Platform That Spans the Zika Virus Family Tree. MBio, 2017, 8, .	4.1	59
28	A mouse model for MERS coronavirus-induced acute respiratory distress syndrome. Nature Microbiology, 2017, 2, 16226.	13.3	168
29	Efficient Reverse Genetic Systems for Rapid Genetic Manipulation of Emergent and Preemergent Infectious Coronaviruses. Methods in Molecular Biology, 2017, 1602, 59-81.	0.9	19
30	Epitope Addition and Ablation via Manipulation of a Dengue Virus Serotype 1 Infectious Clone. MSphere, 2017, 2, .	2.9	14
31	MERS-CoV Accessory ORFs Play Key Role for Infection and Pathogenesis. MBio, 2017, 8, .	4.1	126
32	Middle East Respiratory Syndrome Coronavirus Nonstructural Protein 16 Is Necessary for Interferon Resistance and Viral Pathogenesis. MSphere, 2017, 2, .	2.9	92
33	Transplantation of a quaternary structure neutralizing antibody epitope from dengue virus serotype 3 into serotype 4. Scientific Reports, 2017, 7, 17169.	3.3	23
34	Middle East Respiratory Syndrome Coronavirus NS4b Protein Inhibits Host RNase L Activation. MBio, 2016, 7, e00258.	4.1	125
35	SARS-like WIV1-CoV poised for human emergence. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3048-3053.	7.1	373
36	Resolution of diarrhea in an immunocompromised patient with chronic norovirus gastroenteritis correlates with constitution of specific antibody blockade titer. Infection, 2016, 44, 551-554.	4.7	12

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37	Functional Transplant of a Dengue Virus Serotype 3 (DENV3)-Specific Human Monoclonal Antibody Epitope into DENV1. Journal of Virology, 2016, 90, 5090-5097.	3.4	30
38	The nsp1, nsp13, and M Proteins Contribute to the Hepatotropism of Murine Coronavirus JHM.WU. Journal of Virology, 2015, 89, 3598-3609.	3.4	47
39	A SARS-like cluster of circulating bat coronaviruses shows potential for human emergence. Nature Medicine, 2015, 21, 1508-1513.	30.7	753
40	A comprehensive collection of systems biology data characterizing the host response to viral infection. Scientific Data, 2014, 1, 140033.	5.3	62
41	Rewiring the severe acute respiratory syndrome coronavirus (SARS-CoV) transcription circuit: Engineering a recombination-resistant genome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12546-12551.	7.1	84
42	Severe Acute Respiratory Syndrome Coronavirus Group-Specific Open Reading Frames Encode Nonessential Functions for Replication in Cell Cultures and Mice. Journal of Virology, 2005, 79, 14909-14922.	3.4	237
43	Reverse genetics with a full-length infectious cDNA of severe acute respiratory syndrome coronavirus. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12995-13000.	7.1	336
44	Systematic Assembly of a Full-Length Infectious cDNA of Mouse Hepatitis Virus Strain A59. Journal of Virology, 2002, 76, 11065-11078.	3.4	281