

Andrew S Pekosz

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

12,657
citations

24978

57
h-index

34900

98
g-index

252
all docs

252
docs citations

252
times ranked

18280
citing authors

#	ARTICLE	IF	CITATIONS
1	Deployment of convalescent plasma for the prevention and treatment of COVID-19. <i>Journal of Clinical Investigation</i> , 2020, 130, 2757-2765.	3.9	649
2	The Xs and Y of immune responses to viral vaccines. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 338-349.	4.6	632
3	From the cover: IFN-stimulated gene 15 functions as a critical antiviral molecule against influenza, herpes, and Sindbis viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1371-1376.	3.3	469
4	Sex, age, and hospitalization drive antibody responses in a COVID-19 convalescent plasma donor population. <i>Journal of Clinical Investigation</i> , 2020, 130, 6141-6150.	3.9	375
5	Influenza Virus Assembly and Lipid Raft Microdomains: a Role for the Cytoplasmic Tails of the Spike Glycoproteins. <i>Journal of Virology</i> , 2000, 74, 4634-4644.	1.5	343
6	Influenza Virus Receptor Specificity and Cell Tropism in Mouse and Human Airway Epithelial Cells. <i>Journal of Virology</i> , 2006, 80, 7469-7480.	1.5	332
7	Exposure to Electronic Cigarettes Impairs Pulmonary Anti-Bacterial and Anti-Viral Defenses in a Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0116861.	1.1	321
8	Efficacy of Antibodies and Antiviral Drugs against Covid-19 Omicron Variant. <i>New England Journal of Medicine</i> , 2022, 386, 995-998.	13.9	301
9	Influenza A Virus M ₂ Ion Channel Activity Is Essential for Efficient Replication in Tissue Culture. <i>Journal of Virology</i> , 2002, 76, 1391-1399.	1.5	218
10	Antigen-Based Testing but Not Real-Time Polymerase Chain Reaction Correlates With Severe Acute Respiratory Syndrome Coronavirus 2 Viral Culture. <i>Clinical Infectious Diseases</i> , 2021, 73, e2861-e2866.	2.9	217
11	SARS-CoV-2-specific CD8+ T cell responses in convalescent COVID-19 individuals. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	213
12	Early Outpatient Treatment for Covid-19 with Convalescent Plasma. <i>New England Journal of Medicine</i> , 2022, 386, 1700-1711.	13.9	194
13	COVID-19 Serology at Population Scale: SARS-CoV-2-Specific Antibody Responses in Saliva. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	1.8	193
14	Comparative Performance of Five Commercially Available Serologic Assays To Detect Antibodies to SARS-CoV-2 and Identify Individuals with High Neutralizing Titers. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	170
15	The Influenza A Virus M2 Cytoplasmic Tail Is Required for Infectious Virus Production and Efficient Genome Packaging. <i>Journal of Virology</i> , 2005, 79, 3595-3605.	1.5	165
16	Distinct Domains of the Influenza A Virus M2 Protein Cytoplasmic Tail Mediate Binding to the M1 Protein and Facilitate Infectious Virus Production. <i>Journal of Virology</i> , 2006, 80, 8178-8189.	1.5	165
17	Repeated Coronavirus Disease 2019 Molecular Testing: Correlation of Severe Acute Respiratory Syndrome Coronavirus 2 Culture With Molecular Assays and Cycle Thresholds. <i>Clinical Infectious Diseases</i> , 2021, 73, e860-e869.	2.9	163
18	Structure and Intracellular Targeting of the SARS-Coronavirus Orf7a Accessory Protein. <i>Structure</i> , 2005, 13, 75-85.	1.6	157

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19	The ORF7b Protein of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) Is Expressed in Virus-Infected Cells and Incorporated into SARS-CoV Particles. <i>Journal of Virology</i> , 2007, 81, 718-731.	1.5	156
20	Intrauterine Zika virus infection of pregnant immunocompetent mice models transplacental transmission and adverse perinatal outcomes. <i>Nature Communications</i> , 2017, 8, 14575.	5.8	154
21	Interferon-producing Cells Fail to Induce Proliferation of Naive T Cells but Can Promote Expansion and T Helper 1 Differentiation of Antigen-experienced Unpolarized T Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 899-906.	4.2	148
22	Permeation and Activation of the M2 Ion Channel of Influenza A Virus. <i>Journal of Biological Chemistry</i> , 2000, 275, 31038-31050.	1.6	139
23	Mechanism for Proton Conduction of the M2 Ion Channel of Influenza A Virus. <i>Journal of Biological Chemistry</i> , 2000, 275, 8592-8599.	1.6	139
24	Infection With the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Delta Variant Is Associated With Higher Recovery of Infectious Virus Compared to the Alpha Variant in Both Unvaccinated and Vaccinated Individuals. <i>Clinical Infectious Diseases</i> , 2022, 75, e715-e725.	2.9	130
25	Increased viral variants in children and young adults with impaired humoral immunity and persistent SARS-CoV-2 infection: A consecutive case series. <i>EBioMedicine</i> , 2021, 67, 103355.	2.7	128
26	Human antibodies reveal a protective epitope that is highly conserved among human and nonhuman influenza A viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12658-12663.	3.3	120
27	Sex-based Biology and the Rational Design of Influenza Vaccination Strategies. <i>Journal of Infectious Diseases</i> , 2014, 209, S114-S119.	1.9	120
28	Longitudinal Assessment of Diagnostic Test Performance Over the Course of Acute SARS-CoV-2 Infection. <i>Journal of Infectious Diseases</i> , 2021, 224, 976-982.	1.9	119
29	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	13.7	117
30	Infectability of Human BrainSphere Neurons Suggests Neurotropism of SARS-CoV-2*. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 665-671.	0.9	112
31	Dendritic cells respond to influenza virus through TLR7- and PKR-independent pathways. <i>European Journal of Immunology</i> , 2005, 35, 236-242.	1.6	109
32	Exuberant fibroblast activity compromises lung function via ADAMTS4. <i>Nature</i> , 2020, 587, 466-471.	13.7	108
33	Bioluminescence imaging of vaccinia virus: Effects of interferon on viral replication and spread. <i>Virology</i> , 2005, 341, 284-300.	1.1	106
34	Influenza Virus-Like Particles Containing M2 Induce Broadly Cross Protective Immunity. <i>PLoS ONE</i> , 2011, 6, e14538.	1.1	104
35	Selective inactivation of USP18 isopeptidase activity in vivo enhances ISG15 conjugation and viral resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1577-1582.	3.3	100
36	Antibody responses and cross protection against lethal influenza A viruses differ between the sexes in C57BL/6 mice. <i>Vaccine</i> , 2011, 29, 9246-9255.	1.7	99

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37	Daily longitudinal sampling of SARS-CoV-2 infection reveals substantial heterogeneity in infectiousness. <i>Nature Microbiology</i> , 2022, 7, 640-652.	5.9	99
38	SARS-CoV-2 Antibody Avidity Responses in COVID-19 Patients and Convalescent Plasma Donors. <i>Journal of Infectious Diseases</i> , 2020, 222, 1974-1984.	1.9	96
39	Progesterone-Based Therapy Protects Against Influenza by Promoting Lung Repair and Recovery in Females. <i>PLoS Pathogens</i> , 2016, 12, e1005840.	2.1	94
40	Virus-inducible reporter genes as a tool for detecting and quantifying influenza A virus replication. <i>Journal of Virological Methods</i> , 2005, 126, 13-20.	1.0	93
41	Metabolic programs define dysfunctional immune responses in severe COVID-19 patients. <i>Cell Reports</i> , 2021, 34, 108863.	2.9	92
42	The impact of sex, gender and pregnancy on 2009 H1N1 disease. <i>Biology of Sex Differences</i> , 2010, 1, 5.	1.8	91
43	The displacement of the SARS-CoV-2 variant Delta with Omicron: An investigation of hospital admissions and upper respiratory viral loads. <i>EBioMedicine</i> , 2022, 79, 104008.	2.7	89
44	Acute flaccid myelitis: cause, diagnosis, and management. <i>Lancet, The</i> , 2021, 397, 334-346.	6.3	88
45	Mind the Gap: Social Media Engagement by Public Health Researchers. <i>Journal of Medical Internet Research</i> , 2014, 16, e8.	2.1	86
46	CD8+ T-Cell Responses in COVID-19 Convalescent Individuals Target Conserved Epitopes From Multiple Prominent SARS-CoV-2 Circulating Variants. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab143.	0.4	83
47	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , 2021, 374, 1343-1353.	6.0	83
48	An immunosuppressed Syrian golden hamster model for SARS-CoV infection. <i>Virology</i> , 2008, 380, 312-321.	1.1	80
49	The Cytoplasmic Tails of the Influenza Virus Spike Glycoproteins Are Required for Normal Genome Packaging. <i>Virology</i> , 2000, 269, 325-334.	1.1	79
50	The utility of siRNA transcripts produced by RNA polymerase α in down regulating viral gene expression and replication of negative- and positive-strand RNA viruses. <i>Virology</i> , 2003, 313, 514-524.	1.1	79
51	Severe Acute Respiratory Syndrome Coronavirus Gene 7 Products Contribute to Virus-Induced Apoptosis. <i>Journal of Virology</i> , 2007, 81, 11054-11068.	1.5	79
52	Estrogenic compounds reduce influenza A virus replication in primary human nasal epithelial cells derived from female, but not male, donors. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L415-L425.	1.3	79
53	Intracellular Localization of the Severe Acute Respiratory Syndrome Coronavirus Nucleocapsid Protein: Absence of Nucleolar Accumulation during Infection and after Expression as a Recombinant Protein in Vero Cells. <i>Journal of Virology</i> , 2005, 79, 11507-11512.	1.5	76
54	Durable SARS-CoV-2 B cell immunity after mild or severe disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	76

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55	A third dose of SARS-CoV-2 vaccine increases neutralizing antibodies against variants of concern in solid organ transplant recipients. <i>American Journal of Transplantation</i> , 2022, 22, 1253-1260.	2.6	73
56	Functional characterization of CD4+ T cell receptors crossreactive for SARS-CoV-2 and endemic coronaviruses. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	72
57	Sex Differences in Lung Imaging and SARS-CoV-2 Antibody Responses in a COVID-19 Golden Syrian Hamster Model. <i>MBio</i> , 2021, 12, e0097421.	1.8	69
58	Roles for the recycling endosome, Rab8, and Rab11 in hantavirus release from epithelial cells. <i>Virology</i> , 2008, 382, 239-249.	1.1	68
59	Minimal Crossover between Mutations Associated with Omicron Variant of SARS-CoV-2 and CD8 T-Cell Epitopes Identified in COVID-19 Convalescent Individuals. <i>MBio</i> , 2022, 13, e0361721.	1.8	67
60	Tropism and Infectivity of Influenza Virus, Including Highly Pathogenic Avian H5N1 Virus, in Ferret Tracheal Differentiated Primary Epithelial Cell Cultures. <i>Journal of Virology</i> , 2013, 87, 2597-2607.	1.5	66
61	Reverse genetics of negative-strand RNA viruses: Closing the circle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8804-8806.	3.3	63
62	A bacterial extracellular vesicle-based intranasal vaccine against SARS-CoV-2 protects against disease and elicits neutralizing antibodies to wild-type and Delta variants. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12192.	5.5	60
63	The RNA Binding Domain of Influenza A Virus NS1 Protein Affects Secretion of Tumor Necrosis Factor Alpha, Interleukin-6, and Interferon in Primary Murine Tracheal Epithelial Cells. <i>Journal of Virology</i> , 2007, 81, 9469-9480.	1.5	58
64	Antibody responses to endemic coronaviruses modulate COVID-19 convalescent plasma functionality. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	58
65	Markers of Polyfunctional SARS-CoV-2 Antibodies in Convalescent Plasma. <i>MBio</i> , 2021, 12, .	1.8	57
66	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021, 22, 1306-1315.	7.0	57
67	Palmitoylation of the Influenza A Virus M2 Protein Is Not Required for Virus Replication In Vitro but Contributes to Virus Virulence. <i>Journal of Virology</i> , 2009, 83, 8655-8661.	1.5	55
68	Moving Forward: Recent Developments for the Ferret Biomedical Research Model. <i>MBio</i> , 2018, 9, .	1.8	52
69	Factors that Influence the Reported Sensitivity of Rapid Antigen Testing for SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2021, 12, 714242.	1.5	51
70	The CM2 Protein of Influenza C Virus Is an Oligomeric Integral Membrane Glycoprotein Structurally Analogous to Influenza A Virus M2 and Influenza B Virus NB Proteins. <i>Virology</i> , 1997, 237, 439-451.	1.1	50
71	A SARS-CoV-2 spike ferritin nanoparticle vaccine protects hamsters against Alpha and Beta virus variant challenge. <i>Npj Vaccines</i> , 2021, 6, 129.	2.9	47
72	Influenza C virus CM2 integral membrane glycoprotein is produced from a polypeptide precursor by cleavage of an internal signal sequence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13233-13238.	3.3	45

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73	Influenza A H1N1 Pandemic Strain Evolution “ Divergence and the Potential for Antigenic Drift Variants. PLoS ONE, 2014, 9, e93632.	1.1	45
74	The Transmembrane Domain of the Severe Acute Respiratory Syndrome Coronavirus ORF7b Protein Is Necessary and Sufficient for Its Retention in the Golgi Complex. Journal of Virology, 2008, 82, 9477-9491.	1.5	44
75	Delivery of woodchuck hepatitis virus-like particle presented influenza M2e by recombinant attenuated Salmonella displaying a delayed lysis phenotype. Vaccine, 2010, 28, 6704-6713.	1.7	44
76	Convalescent plasma with a high level of virus-specific antibody effectively neutralizes SARS-CoV-2 variants of concern. Blood Advances, 2022, 6, 3678-3683.	2.5	42
77	Cytokine and Chemokine Levels in Coronavirus Disease 2019 Convalescent Plasma. Open Forum Infectious Diseases, 2021, 8, ofaa574.	0.4	41
78	Tropism of Bunyaviruses: Evidence for a G1 Glycoprotein-Mediated Entry Pathway Common to the California Serogroup. Virology, 1995, 214, 339-348.	1.1	40
79	Production of amphiregulin and recovery from influenza is greater in males than females. Biology of Sex Differences, 2018, 9, 24.	1.8	40
80	DIFFERENTIATED CULTURES OF PRIMARY HAMSTER TRACHEALAIRWAY EPITHELIAL CELLS. In Vitro Cellular and Developmental Biology - Animal, 2004, 40, 303.	0.7	39
81	Prospects for oral replicating adenovirus-vectored vaccines. Vaccine, 2013, 31, 3236-3243.	1.7	39
82	Endothelial thrombomodulin downregulation caused by hypoxia contributes to severe infiltration and coagulopathy in COVID-19 patient lungs. EBioMedicine, 2022, 75, 103812.	2.7	39
83	Tyrosines in the Influenza A Virus M2 Protein Cytoplasmic Tail Are Critical for Production of Infectious Virus Particles. Journal of Virology, 2010, 84, 8765-8776.	1.5	36
84	Longitudinal Analysis of SARS-CoV-2 Vaccine Breakthrough Infections Reveals Limited Infectious Virus Shedding and Restricted Tissue Distribution. Open Forum Infectious Diseases, 2022, 9, .	0.4	36
85	Bidirectional Virus Secretion and Nonciliated Cell Tropism following Andes Virus Infection of Primary Airway Epithelial Cell Cultures. Journal of Virology, 2006, 80, 1087-1097.	1.5	35
86	IL-1 receptor antagonist therapy mitigates placental dysfunction and perinatal injury following Zika virus infection. JCI Insight, 2019, 4, .	2.3	35
87	Sialic acid recognition is a key determinant of influenza A virus tropism in murine trachea epithelial cell cultures. Virology, 2009, 386, 61-67.	1.1	34
88	Neuraminidase antigenic drift of H3N2 clade 3c.2a viruses alters virus replication, enzymatic activity and inhibitory antibody binding. PLoS Pathogens, 2020, 16, e1008411.	2.1	33
89	Differences and disparities in seasonal influenza vaccine, acceptance, adverse reactions, and coverage by age, sex, gender, and race. Vaccine, 2022, 40, 1643-1654.	1.7	32
90	Stability of the Influenza Virus Hemagglutinin Protein Correlates with Evolutionary Dynamics. MSphere, 2018, 3, .	1.3	31

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91	Influenza Virus Assembly and Lipid Raft Microdomains: a Role for the Cytoplasmic Tails of the Spike Glycoproteins. <i>Journal of Virology</i> , 2000, 74, 4634-4644.	1.5	30
92	Mutations in the Membrane-Proximal Region of the Influenza A Virus M2 Protein Cytoplasmic Tail Have Modest Effects on Virus Replication. <i>Journal of Virology</i> , 2011, 85, 12179-12187.	1.5	29
93	Restricted replication of the live attenuated influenza A virus vaccine during infection of primary differentiated human nasal epithelial cells. <i>Vaccine</i> , 2015, 33, 4495-4504.	1.7	29
94	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	2.1	29
95	The Extracellular Domain of La Crosse Virus G1 Forms Oligomers and Undergoes pH-Dependent Conformational Changes. <i>Virology</i> , 1996, 225, 243-247.	1.1	28
96	The cholesterol recognition/interaction amino acid consensus motif of the influenza A virus M2 protein is not required for virus replication but contributes to virulence. <i>Virology</i> , 2010, 405, 530-538.	1.1	28
97	Comparative performance of multiplex salivary and commercially available serologic assays to detect SARS-CoV-2 IgG and neutralization titers. <i>Journal of Clinical Virology</i> , 2021, 145, 104997.	1.6	28
98	Evaluation of the innate immune responses to influenza and live-attenuated influenza vaccine infection in primary differentiated human nasal epithelial cells. <i>Vaccine</i> , 2017, 35, 6112-6121.	1.7	27
99	Pregnancy alters interleukin-1 beta expression and antiviral antibody responses during severe acute respiratory syndrome coronavirus 2 infection. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 301.e1-301.e14.	0.7	27
100	Association of Frailty, Age, and Biological Sex With Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccine-Induced Immunity in Older Adults. <i>Clinical Infectious Diseases</i> , 2022, 75, S61-S71.	2.9	27
101	Animal models of congenital zika syndrome provide mechanistic insight into viral pathogenesis during pregnancy. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008707.	1.3	25
102	Influenza A virus infection of primary differentiated airway epithelial cell cultures derived from Syrian golden hamsters. <i>Virology</i> , 2006, 354, 80-90.	1.1	24
103	An Update on Severe Acute Respiratory Syndrome Coronavirus 2 Diversity in the US National Capital Region: Evolution of Novel and Variants of Concern. <i>Clinical Infectious Diseases</i> , 2022, 74, 1419-1428.	2.9	24
104	Antigenic and virological properties of an H3N2 variant that continues to dominate the 2021-22 Northern Hemisphere influenza season. <i>Cell Reports</i> , 2022, 39, 110897.	2.9	24
105	Mutations in the Influenza A Virus M1 Protein Enhance Virus Budding To Complement Lethal Mutations in the M2 Cytoplasmic Tail. <i>Journal of Virology</i> , 2018, 92, .	1.5	23
106	Influenza A Virus M2 Protein Apical Targeting Is Required for Efficient Virus Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	23
107	Sex-specific effects of age and body mass index on antibody responses to seasonal influenza vaccines in healthcare workers. <i>Vaccine</i> , 2022, 40, 1634-1642.	1.7	23
108	IgM anti-ACE2 autoantibodies in severe COVID-19 activate complement and perturb vascular endothelial function. <i>JCI Insight</i> , 2022, 7, .	2.3	23

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109	Repression of the HSV-1 latency-associated transcript (LAT) promoter by the early growth response (EGR) proteins: Involvement of a binding site immediately downstream of the TATA box. <i>Journal of NeuroVirology</i> , 1997, 3, 212-224.	1.0	22
110	ABO blood group and SARS-CoV-2 antibody response in a convalescent donor population. <i>Vox Sanguinis</i> , 2021, 116, 766-773.	0.7	22
111	Progression and Resolution of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Golden Syrian Hamsters. <i>American Journal of Pathology</i> , 2022, 192, 195-207.	1.9	22
112	Mitigation of SARS-CoV-2 transmission at a large public university. <i>Nature Communications</i> , 2022, 13, .	5.8	21
113	The M2 protein of live, attenuated influenza vaccine encodes a mutation that reduces replication in human nasal epithelial cells. <i>Vaccine</i> , 2017, 35, 6691-6699.	1.7	20
114	Enterovirus D68 molecular and cellular biology and pathogenesis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100317.	1.6	19
115	Seoul virus suppresses NF- κ B-mediated inflammatory responses of antigen presenting cells from Norway rats. <i>Virology</i> , 2010, 400, 115-127.	1.1	18
116	Structure, Expression, and Intracellular Localization of the SARS-CoV Accessory Proteins 7a and 7b. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 115-120.	0.8	18
117	Differential Antibody Recognition of H3N2 Vaccine and Seasonal Influenza Virus Strains Based on Age, Vaccine Status, and Sex in the 2017-2018 Season. <i>Journal of Infectious Diseases</i> , 2020, 222, 1371-1382.	1.9	17
118	Primary differentiated respiratory epithelial cells respond to apical measles virus infection by shedding multinucleated giant cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	17
119	Self-Collected Oral Fluid Saliva Is Insensitive Compared With Nasal-Oropharyngeal Swabs in the Detection of Severe Acute Respiratory Syndrome Coronavirus 2 in Outpatients. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa648.	0.4	17
120	Transcriptional profiling of the spleen in progressive visceral leishmaniasis reveals mixed expression of type 1 and type 2 cytokine-responsive genes. <i>BMC Immunology</i> , 2014, 15, 38.	0.9	16
121	Respiratory pathogen diversity and co-infections in rural Zambia. <i>International Journal of Infectious Diseases</i> , 2021, 102, 291-298.	1.5	16
122	124I-Iodo-DPA-713 Positron Emission Tomography in a Hamster Model of SARS-CoV-2 Infection. <i>Molecular Imaging and Biology</i> , 2022, 24, 135-143.	1.3	16
123	Heterologous Ad.26.COVS versus homologous BNT162b2/mRNA-1273 as a third dose in solid organ transplant recipients seronegative after two-dose mRNA vaccination. <i>American Journal of Transplantation</i> , 2022, 22, 2254-2260.	2.6	16
124	Production and Characterization of Monoclonal Antibodies Against the Nucleocapsid Protein of SARS-COV. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 153-156.	0.8	15
125	Evaluation of Four Point of Care (POC) Antigen Assays for the Detection of the SARS-CoV-2 Variant Omicron. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	15
126	Cell Surface Expression of Biologically Active Influenza C Virus HEF Glycoprotein Expressed from cDNA. <i>Journal of Virology</i> , 1999, 73, 8808-8812.	1.5	14

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127	Replication in Cultured C2C12 Muscle Cells Correlates with the Neuroinvasiveness of California Serogroup Bunyaviruses. <i>Virology</i> , 1994, 201, 399-403.	1.1	13
128	The Influenza C Virus CM2 Protein Can Alter Intracellular pH, and Its Transmembrane Domain Can Substitute for That of the Influenza A Virus M2 Protein and Support Infectious Virus Production. <i>Journal of Virology</i> , 2012, 86, 1277-1281.	1.5	13
129	Pathogenesis and Molecular Mechanisms of Zika Virus. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 266-272.	0.5	13
130	Delayed Rise of Oral Fluid Antibodies, Elevated BMI, and Absence of Early Fever Correlate With Longer Time to SARS-CoV-2 RNA Clearance in a Longitudinally Sampled Cohort of COVID-19 Outpatients. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab195.	0.4	13
131	Limitations of Molecular and Antigen Test Performance for SARS-CoV-2 in Symptomatic and Asymptomatic COVID-19 Contacts. <i>Journal of Clinical Microbiology</i> , 2022, 60, .	1.8	13
132	Circulation of Enterovirus D68 during Period of Increased Influenza-Like Illness, Maryland, USA, 2021. <i>Emerging Infectious Diseases</i> , 2022, 28, 1525-1527.	2.0	13
133	Extending the Cytoplasmic Tail of the Influenza A Virus M2 Protein Leads to Reduced Virus Replication In Vivo but Not In Vitro. <i>Journal of Virology</i> , 2008, 82, 1059-1063.	1.5	12
134	Influenza virus assays based on virus-inducible reporter cell lines. <i>Influenza and Other Respiratory Viruses</i> , 2009, 3, 241-251.	1.5	12
135	The R35 residue of the influenza A virus NS1 protein has minimal effects on nuclear localization but alters virus replication through disrupting protein dimerization. <i>Virology</i> , 2014, 458-459, 33-42.	1.1	12
136	Highly multiplexed oligonucleotide probe-ligation testing enables efficient extraction-free SARS-CoV-2 detection and viral genotyping. <i>Modern Pathology</i> , 2021, 34, 1093-1103.	2.9	12
137	A Linkage-specific Sialic Acid Labeling Strategy Reveals Different Site-specific Glycosylation Patterns in SARS-CoV-2 Spike Protein Produced in CHO and HEK Cell Substrates. <i>Frontiers in Chemistry</i> , 2021, 9, 735558.	1.8	12
138	Pharmacokinetics of high-titer anti-SARS-CoV-2 human convalescent plasma in high-risk children. <i>JCI Insight</i> , 2022, 7, .	2.3	12
139	Adaptive immune responses in vaccinated patients with symptomatic SARS-CoV-2 Alpha infection. <i>JCI Insight</i> , 2022, 7, .	2.3	12
140	Downregulation of Transcriptional Activity, Increased Inflammation, and Damage in the Placenta Following in utero Zika Virus Infection Is Associated With Adverse Pregnancy Outcomes. <i>Frontiers in Virology</i> , 2022, 2, .	0.7	11
141	SARS-CoV-2 infections in mRNA vaccinated individuals are biased for viruses encoding spike E484K and associated with reduced infectious virus loads that correlate with respiratory antiviral IgG levels. <i>Journal of Clinical Virology</i> , 2022, 150-151, 105151.	1.6	11
142	No Evidence of Infection With Avian Influenza Viruses Among US Poultry Workers in the Delmarva Peninsula, Maryland and Virginia, USA. <i>Journal of Agromedicine</i> , 2010, 16, 52-57.	0.9	10
143	Changes in sialic acid binding associated with egg adaptation decrease live attenuated influenza virus replication in human nasal epithelial cell cultures. <i>Vaccine</i> , 2021, 39, 3225-3235.	1.7	10
144	SARS Coronavirus Accessory Gene Expression and Function. , 2010, , 153-166.		10

#	ARTICLE	IF	CITATIONS
145	Fatal SARS-CoV-2 Inflammatory Syndrome and Myocarditis in an Adolescent: A Case Report. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, e72-e76.	1.1	10
146	Antigenic Distance between North American Swine and Human Seasonal H3N2 Influenza A Viruses as an Indication of Zoonotic Risk to Humans. <i>Journal of Virology</i> , 2022, 96, JVI0137421.	1.5	10
147	Respiratory viruses in rural Zambia before and during the COVID-19 pandemic. <i>Tropical Medicine and International Health</i> , 2022, 27, 647-654.	1.0	10
148	Identification of a Membrane Targeting and Degradation Signal in the p42 Protein of Influenza C Virus. <i>Journal of Virology</i> , 2000, 74, 10480-10488.	1.5	9
149	A novel real-time RT-PCR assay for influenza C tested in Peruvian children. <i>Journal of Clinical Virology</i> , 2017, 96, 12-16.	1.6	7
150	Differential disease severity and whole-genome sequence analysis for human influenza A/H1N1pdm virus in 2015–2016 influenza season. <i>Virus Evolution</i> , 2021, 7, veab044.	2.2	7
151	A Hemagglutination-Based Semiquantitative Test for Point-of-Care Determination of SARS-CoV-2 Antibody Levels. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0118621.	1.8	6
152	Antibody attributes that predict the neutralization and effector function of polyclonal responses to SARS-CoV-2. <i>BMC Immunology</i> , 2022, 23, 7.	0.9	6
153	Large Scale SARS-CoV-2 Molecular Testing and Genomic Surveillance Reveal Prolonged Infections, Protracted RNA shedding, and Viral Reinfections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 809407.	1.8	6
154	HA and M2 sequences alter the replication of 2013–16 H1 live attenuated influenza vaccine infection in human nasal epithelial cell cultures. <i>Vaccine</i> , 2022, 40, 4544-4553.	1.7	6
155	Facility-based surveillance for influenza and respiratory syncytial virus in rural Zambia. <i>BMC Infectious Diseases</i> , 2021, 21, 986.	1.3	5
156	Successful kidney transplantation from a deceased donor with severe COVID-19 respiratory illness with undetectable SARS-CoV-2 in donor kidney and aorta. <i>American Journal of Transplantation</i> , 2022, 22, 1501-1503.	2.6	5
157	Influenza response planning for the centers of excellence for influenza research and surveillance: Science preparedness for enhancing global health security. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 444-451.	1.5	4
158	Virology in the Classroom: Current Approaches and Challenges to Undergraduate- and Graduate-Level Virology Education. <i>Annual Review of Virology</i> , 2021, 8, 537-558.	3.0	4
159	Nosocomial Respiratory Infections in a Rural Zambian Hospital. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 818-821.	0.6	4
160	Identification of H3N2 NA and PB1-F2 genetic variants and their association with disease symptoms during the 2014–15 influenza season. <i>Virus Evolution</i> , 2021, 7, veab047.	2.2	4
161	Impact of coinfection status and comorbidity on disease severity in adult emergency department patients with influenza B. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 236-246.	1.5	3
162	Improving the specificity of nucleic acid detection with endonuclease-actuated degradation. <i>Communications Biology</i> , 2022, 5, 290.	2.0	3

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163	Regional differences in vaccine uptake and serological responses to vaccine and circulating strains of H1N1 viruses among patients with confirmed influenza. <i>Journal of Clinical Virology Plus</i> , 2021, 1, 100034.	0.4	2
164	The RNA Binding Domain of Influenza A Virus NS1 Protein Affects Secretion of Tumor Necrosis Factor Alpha, Interleukin-6, and Interferon in Primary Murine Tracheal Epithelial Cells. <i>Journal of Virology</i> , 2007, 81, 12717-12717.	1.5	1
165	The Influenza A Virus M2 Protein <i>trans</i> -Complementation System Offers a Set of Tools for the Undergraduate Virology Laboratory. <i>Journal of Microbiology and Biology Education</i> , 2019, 20, .	0.5	1
166	Characteristics of SARS-CoV-2 Seropositivity among Emergency Department Healthcare Workers at a Tertiary Care Center in Baltimore. <i>Healthcare (Switzerland)</i> , 2022, 10, 576.	1.0	1
167	Structure–function relationship of the M2 ion channel of influenza A virus. <i>International Congress Series</i> , 2001, 1219, 389-396.	0.2	0
168	Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018. <i>Annals of Emergency Medicine</i> , 2018, 72, 473-476.	0.3	0
169	Bird flu: A virus of our own hatching. <i>Journal of Clinical Investigation</i> , 2007, 117, 2350-2350.	3.9	0
170	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
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175	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0