

Wendy Barclay

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213
papers

8,360
citations

48
h-index

85
g-index

247
ext. papers

12,881
ext. citations

12.8
avg, IF

6.53
L-index

#	Paper	IF	Citations
213	Cellular immune correlates of protection against symptomatic pandemic influenza. <i>Nature Medicine</i> , 2013 , 19, 1305-12	50.5	572
212	RIG-I detects viral genomic RNA during negative-strand RNA virus infection. <i>Cell</i> , 2010 , 140, 397-408	56.2	429
211	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021 , 599, 114-119	50.4	334
210	A complicated message: Identification of a novel PB1-related protein translated from influenza A virus segment 2 mRNA. <i>Journal of Virology</i> , 2009 , 83, 8021-31	6.6	273
209	Histopathological findings and viral tropism in UK patients with severe fatal COVID-19: a post-mortem study. <i>Lancet Microbe</i> , 2020 , 1, e245-e253	22.2	270
208	Self-amplifying RNA SARS-CoV-2 lipid nanoparticle vaccine candidate induces high neutralizing antibody titers in mice. <i>Nature Communications</i> , 2020 , 11, 3523	17.4	216
207	The dynamics of humoral immune responses following SARS-CoV-2 infection and the potential for reinfection. <i>Journal of General Virology</i> , 2020 , 101, 791-797	4.9	211
206	The furin cleavage site in the SARS-CoV-2 spike protein is required for transmission in ferrets. <i>Nature Microbiology</i> , 2021 , 6, 899-909	26.6	206
205	Infection of human airway epithelium by human and avian strains of influenza A virus. <i>Journal of Virology</i> , 2006 , 80, 8060-8	6.6	193
204	Host and viral determinants of influenza A virus species specificity. <i>Nature Reviews Microbiology</i> , 2019 , 17, 67-81	22.2	193
203	Effect of previous SARS-CoV-2 infection on humoral and T-cell responses to single-dose BNT162b2 vaccine. <i>Lancet</i> , 2021 , 397, 1178-1181	40	171
202	The mechanism of resistance to favipiravir in influenza. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11613-11618	11.5	160
201	Species difference in ANP32A underlies influenza A virus polymerase host restriction. <i>Nature</i> , 2016 , 529, 101-4	50.4	154
200	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses.. <i>Cell</i> , 2022 ,	56.2	154
199	Community transmission and viral load kinetics of the SARS-CoV-2 delta (B.1.617.2) variant in vaccinated and unvaccinated individuals in the UK: a prospective, longitudinal, cohort study. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	150
198	Investigating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Surface and Air Contamination in an Acute Healthcare Setting During the Peak of the Coronavirus Disease 2019 (COVID-19) Pandemic in London. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1870-e1877	11.6	126
197	A phase I clinical trial of a PER.C6 cell grown influenza H7 virus vaccine. <i>Vaccine</i> , 2009 , 27, 1889-97	4.1	125

196	The M1 matrix protein controls the filamentous phenotype of influenza A virus. <i>Virology</i> , 2004 , 321, 144-58	125
195	Viral determinants of influenza A virus host range. <i>Journal of General Virology</i> , 2014 , 95, 1193-1210	4.9 104
194	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021 , 594, 88-93	50.4 103
193	The origins of SARS-CoV-2: A critical review. <i>Cell</i> , 2021 , 184, 4848-4856	56.2 103
192	Antibody prevalence for SARS-CoV-2 following the peak of the pandemic in England: REACT2 study in 100,000 adults	98
191	Clinical and laboratory evaluation of SARS-CoV-2 lateral flow assays for use in a national COVID-19 seroprevalence survey. <i>Thorax</i> , 2020 , 75, 1082-1088	7.3 85
190	Evidence for avian and human host cell factors that affect the activity of influenza virus polymerase. <i>Journal of Virology</i> , 2010 , 84, 9978-86	6.6 81
189	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021 , 12, 905	17.4 80
188	The time course of the humoral immune response to rhinovirus infection. <i>Epidemiology and Infection</i> , 1989 , 103, 659-69	4.3 70
187	NS1 proteins of avian influenza A viruses can act as antagonists of the human alpha/beta interferon response. <i>Journal of Virology</i> , 2007 , 81, 2318-27	6.6 69
186	Declining prevalence of antibody positivity to SARS-CoV-2: a community study of 365,000 adults	67
185	Glycomic characterization of respiratory tract tissues of ferrets: implications for its use in influenza virus infection studies. <i>Journal of Biological Chemistry</i> , 2014 , 289, 28489-504	5.4 65
184	Avian Influenza virus glycoproteins restrict virus replication and spread through human airway epithelium at temperatures of the proximal airways. <i>PLoS Pathogens</i> , 2009 , 5, e1000424	7.6 64
183	SARS-CoV-2 one year on: evidence for ongoing viral adaptation. <i>Journal of General Virology</i> , 2021 , 102,	4.9 63
182	A reverse genetics approach for recovery of recombinant influenza B viruses entirely from cDNA. <i>Journal of Virology</i> , 2002 , 76, 11744-7	6.6 62
181	SARS-CoV-2 B.1.617.2 Delta variant replication, sensitivity to neutralising antibodies and vaccine breakthrough	62
180	Transfer of the amino-terminal nuclear envelope targeting domain of human MX2 converts MX1 into an HIV-1 resistance factor. <i>Journal of Virology</i> , 2014 , 88, 9017-26	6.6 61
179	Viral factors in influenza pandemic risk assessment. <i>ELife</i> , 2016 , 5,	8.9 61

178	Knowns and unknowns of influenza B viruses. <i>Future Microbiology</i> , 2016 , 11, 119-35	2.9	58
177	Accumulation of human-adapting mutations during circulation of A(H1N1)pdm09 influenza virus in humans in the United Kingdom. <i>Journal of Virology</i> , 2014 , 88, 13269-83	6.6	58
176	The short stalk length of highly pathogenic avian influenza H5N1 virus neuraminidase limits transmission of pandemic H1N1 virus in ferrets. <i>Journal of Virology</i> , 2013 , 87, 10539-51	6.6	58
175	Mutations in H5N1 influenza virus hemagglutinin that confer binding to human tracheal airway epithelium. <i>PLoS ONE</i> , 2009 , 4, e7836	3.7	56
174	The SARS-CoV-2 variant, Omicron, shows rapid replication in human primary nasal epithelial cultures and efficiently uses the endosomal route of entry		55
173	Mutations in haemagglutinin that affect receptor binding and pH stability increase replication of a PR8 influenza virus with H5 HA in the upper respiratory tract of ferrets and may contribute to transmissibility. <i>Journal of General Virology</i> , 2013 , 94, 1220-1229	4.9	54
172	Restrictions to the adaptation of influenza a virus h5 hemagglutinin to the human host. <i>Journal of Virology</i> , 2004 , 78, 502-7	6.6	54
171	Pandemic H1N1 2009 influenza virus with the H275Y oseltamivir resistance neuraminidase mutation shows a small compromise in enzyme activity and viral fitness. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 466-70	5.1	53
170	Assessing a novel, lab-free, point-of-care test for SARS-CoV-2 (CovidNudge): a diagnostic accuracy study. <i>Lancet Microbe, The</i> , 2020 , 1, e300-e307	22.2	53
169	Antiviral therapies against Ebola and other emerging viral diseases using existing medicines that block virus entry. <i>F1000Research</i> , 2015 , 4, 30	3.6	52
168	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	51
167	Pause on avian flu transmission research. <i>Science</i> , 2012 , 335, 400-1	33.3	50
166	Alterations in receptor binding properties of recent human influenza H3N2 viruses are associated with reduced natural killer cell lysis of infected cells. <i>Journal of Virology</i> , 2007 , 81, 11170-8	6.6	48
165	Antiviral therapies against Ebola and other emerging viral diseases using existing medicines that block virus entry. <i>F1000Research</i> , 2015 , 4, 30	3.6	48
164	Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults. <i>Lancet Regional Health - Europe, The</i> , 2021 , 4, 100098		46
163	The effect of the PB2 mutation 627K on highly pathogenic H5N1 avian influenza virus is dependent on the virus lineage. <i>Journal of Virology</i> , 2013 , 87, 9983-96	6.6	45
162	Increased transmission of SARS-CoV-2 lineage B.1.1.7 (VOC 2020212/01) is not accounted for by a replicative advantage in primary airway cells or antibody escape		45
161	Lack of transmission of a human influenza virus with avian receptor specificity between ferrets is not due to decreased virus shedding but rather a lower infectivity in vivo. <i>Journal of General Virology</i> , 2011 , 92, 1822-1831	4.9	43

160	The furin cleavage site of SARS-CoV-2 spike protein is a key determinant for transmission due to enhanced replication in airway cells		43
159	Handheld Point-of-Care System for Rapid Detection of SARS-CoV-2 Extracted RNA in under 20 min. <i>ACS Central Science</i> , 2021 , 7, 307-317	16.8	43
158	The SARS-CoV-2 variants associated with infections in India, B.1.617, show enhanced spike cleavage by furin		40
157	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. <i>JCI Insight</i> , 2017 , 2, e91868	9.9	39
156	Species specific differences in use of ANP32 proteins by influenza A virus. <i>ELife</i> , 2019 , 8,	8.9	39
155	Characterisation of in-hospital complications associated with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol UK: a prospective, multicentre cohort study. <i>Lancet, The</i> , 2021 , 398, 223-237	40	39
154	Receptor binding profiles of avian influenza virus hemagglutinin subtypes on human cells as a predictor of pandemic potential. <i>Journal of Virology</i> , 2011 , 85, 1875-80	6.6	38
153	Changes in in vitro susceptibility of influenza A H3N2 viruses to a neuraminidase inhibitor drug during evolution in the human host. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 53, 759-65	5.1	38
152	Low dose influenza virus challenge in the ferret leads to increased virus shedding and greater sensitivity to oseltamivir. <i>PLoS ONE</i> , 2014 , 9, e94090	3.7	37
151	Resurgence of SARS-CoV-2: Detection by community viral surveillance. <i>Science</i> , 2021 , 372, 990-995	33.3	36
150	Ferrets as Models for Influenza Virus Transmission Studies and Pandemic Risk Assessments. <i>Emerging Infectious Diseases</i> , 2018 , 24, 965-971	10.2	36
149	Investigation of influenza virus polymerase activity in pig cells. <i>Journal of Virology</i> , 2013 , 87, 384-94	6.6	35
148	Reduced neutralisation of the Delta (B.1.617.2) SARS-CoV-2 variant of concern following vaccination. <i>PLoS Pathogens</i> , 2021 , 17, e1010022	7.6	35
147	Contact transmission of influenza virus between ferrets imposes a looser bottleneck than respiratory droplet transmission allowing propagation of antiviral resistance. <i>Scientific Reports</i> , 2016 , 6, 29793	4.9	35
146	Unstable polymerase-nucleoprotein interaction is not responsible for avian influenza virus polymerase restriction in human cells. <i>Journal of Virology</i> , 2013 , 87, 1278-84	6.6	34
145	Usability and Acceptability of Home-based Self-testing for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies for Population Surveillance. <i>Clinical Infectious Diseases</i> , 2021 , 72, e384-e393	11.6	34
144	Adjuvant-free immunization with hemagglutinin-Fc fusion proteins as an approach to influenza vaccines. <i>Journal of Virology</i> , 2011 , 85, 3010-4	6.6	33
143	ANP32 Proteins Are Essential for Influenza Virus Replication in Human Cells. <i>Journal of Virology</i> , 2019 , 93,	6.6	32

142	Variability in H9N2 haemagglutinin receptor-binding preference and the pH of fusion. <i>Emerging Microbes and Infections</i> , 2017 , 6, e11	18.9	31
141	Transmission of a 2009 H1N1 pandemic influenza virus occurs before fever is detected, in the ferret model. <i>PLoS ONE</i> , 2012 , 7, e43303	3.7	31
140	Transmission studies resume for avian flu. <i>Science</i> , 2013 , 339, 520-1	33.3	31
139	SARS-CoV-2 Omicron-B.1.1.529 Variant leads to less severe disease than Pango B and Delta variants strains in a mouse model of severe COVID-19		31
138	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021 , 374, eabl9551	33.3	31
137	Community prevalence of SARS-CoV-2 virus in England during May 2020: REACT study		31
136	Antiviral Screening of Multiple Compounds against Ebola Virus. <i>Viruses</i> , 2016 , 8,	6.2	31
135	Determining the Mutation Bias of Favipiravir in Influenza Virus Using Next-Generation Sequencing. <i>Journal of Virology</i> , 2019 , 93,	6.6	31
134	Computational and molecular analysis of conserved influenza A virus RNA secondary structures involved in infectious virion production. <i>RNA Biology</i> , 2016 , 13, 883-94	4.8	29
133	Urgent challenges in implementing live attenuated influenza vaccine. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, e25-e32	25.5	29
132	Immune Escape Variants of H9N2 Influenza Viruses Containing Deletions at the Hemagglutinin Receptor Binding Site Retain Fitness and Display Enhanced Zoonotic Characteristics. <i>Journal of Virology</i> , 2017 , 91,	6.6	28
131	Generation of candidate human influenza vaccine strains in cell culture - rehearsing the European response to an H7N1 pandemic threat. <i>Influenza and Other Respiratory Viruses</i> , 2007 , 1, 157-66	5.6	28
130	Influenza A virus PB1-F2 protein prolongs viral shedding in chickens lengthening the transmission window. <i>Journal of General Virology</i> , 2016 , 97, 2516-2527	4.9	28
129	A prenylated dsRNA sensor protects against severe COVID-19. <i>Science</i> , 2021 , 374, eabj3624	33.3	26
128	Host ANP32A mediates the assembly of the influenza virus replicase. <i>Nature</i> , 2020 , 587, 638-643	50.4	25
127	Mouse Models of Influenza Infection with Circulating Strains to Test Seasonal Vaccine Efficacy. <i>Frontiers in Immunology</i> , 2018 , 9, 126	8.4	24
126	A single amino acid in the HA of pH1N1 2009 influenza virus affects cell tropism in human airway epithelium, but not transmission in ferrets. <i>PLoS ONE</i> , 2011 , 6, e25755	3.7	24
125	SARS-CoV-2 lateral flow assays for possible use in national covid-19 seroprevalence surveys (React 2): diagnostic accuracy study. <i>BMJ, The</i> , 2021 , 372, n423	5.9	24

124	REACT-2 Round 5: increasing prevalence of SARS-CoV-2 antibodies demonstrate impact of the second wave and of vaccine roll-out in England		24
123	Reduced neutralisation of the Delta (B.1.617.2) SARS-CoV-2 variant of concern following vaccination		24
122	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults.. <i>Nature Medicine</i> , 2022 ,	50.5	23
121	Children develop robust and sustained cross-reactive spike-specific immune responses to SARS-CoV-2 infection.. <i>Nature Immunology</i> , 2022 , 23, 40-49	19.1	22
120	The antiandrogen enzalutamide downregulates TMPRSS2 and reduces cellular entry of SARS-CoV-2 in human lung cells. <i>Nature Communications</i> , 2021 , 12, 4068	17.4	21
119	REACT-1 round 13 final report: exponential growth, high prevalence of SARS-CoV-2 and vaccine effectiveness associated with Delta variant in England during May to July 2021		21
118	One-way trip: influenza virus adaptation to gallinaceous poultry may limit its pandemic potential. <i>BioEssays</i> , 2015 , 37, 204-12	4.1	20
117	The Dynamics of Humoral Immune Responses Following SARS-CoV-2 Infection and the Potential for Reinfection		20
116	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	20
115	Entry of the bat influenza H17N10 virus into mammalian cells is enabled by the MHC class II HLA-DR receptor. <i>Nature Microbiology</i> , 2019 , 4, 2035-2038	26.6	19
114	Internal genes of a highly pathogenic H5N1 influenza virus determine high viral replication in myeloid cells and severe outcome of infection in mice. <i>PLoS Pathogens</i> , 2018 , 14, e1006821	7.6	19
113	High prevalence of SARS-CoV-2 swab positivity and increasing R number in England during October 2020: REACT-1 round 6 interim report		19
112	Effect of a Russian-backbone live-attenuated influenza vaccine with an updated pandemic H1N1 strain on shedding and immunogenicity among children in The Gambia: an open-label, observational, phase 4 study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 665-676	35.1	18
111	Development of a reverse genetics system enabling the rescue of recombinant avian influenza virus A/Turkey/England/50-92/91 (H5N1). <i>Avian Diseases</i> , 2007 , 51, 393-5	1.6	18
110	Influenza Virus with Increased pH of Hemagglutinin Activation Has Improved Replication in Cell Culture but at the Cost of Infectivity in Human Airway Epithelium. <i>Journal of Virology</i> , 2019 , 93,	6.6	16
109	Host Determinants of Influenza RNA Synthesis. <i>Annual Review of Virology</i> , 2019 , 6, 215-233	14.6	16
108	RNAi-based small molecule repositioning reveals clinically approved urea-based kinase inhibitors as broadly active antivirals. <i>PLoS Pathogens</i> , 2019 , 15, e1007601	7.6	15
107	Elucidating the Interactions between Influenza Virus Polymerase and Host Factor ANP32A. <i>Journal of Virology</i> , 2020 , 94,	6.6	15

106	Harnessing alveolar macrophages for sustained mucosal T-cell recall confers long-term protection to mice against lethal influenza challenge without clinical disease. <i>Mucosal Immunology</i> , 2014 , 7, 89-100	9.2	15
105	An influenza reassortant with polymerase of pH1N1 and NS gene of H3N2 influenza A virus is attenuated in vivo. <i>Journal of General Virology</i> , 2012 , 93, 998-1006	4.9	15
104	Resistance of endothelial cells to SARS-CoV-2 infection in vitro		15
103	REACT-1 round 12 report: resurgence of SARS-CoV-2 infections in England associated with increased frequency of the Delta variant		15
102	Baloxavir treatment of ferrets infected with influenza A(H1N1)pdm09 virus reduces onward transmission. <i>PLoS Pathogens</i> , 2020 , 16, e1008395	7.6	15
101	Regulation of influenza A virus mRNA splicing by CLK1. <i>Antiviral Research</i> , 2019 , 168, 187-196	10.8	12
100	Characterising viable virus from air exhaled by H1N1 influenza-infected ferrets reveals the importance of haemagglutinin stability for airborne infectivity. <i>PLoS Pathogens</i> , 2020 , 16, e1008362	7.6	12
99	Assays to Measure the Activity of Influenza Virus Polymerase. <i>Methods in Molecular Biology</i> , 2018 , 1836, 343-374	1.4	12
98	Swine ANP32A Supports Avian Influenza Virus Polymerase. <i>Journal of Virology</i> , 2020 , 94,	6.6	11
97	Influenza pandemics. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 719, 81-103	3.6	11
96	Probing the receptor interactions of an H5 avian influenza virus using a baculovirus expression system and functionalised poly(acrylic acid) ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 4038-474	3.7	11
95	Rapid increase in Omicron infections in England during December 2021: REACT-1 study.. <i>Science</i> , 2022 , 375, eabn8347	33.3	11
94	REACT-1 round 6 updated report: high prevalence of SARS-CoV-2 swab positivity with reduced rate of growth in England at the start of November 2020		11
93	Amino acid substitution D222N from fatal influenza infection affects receptor-binding properties of the influenza A(H1N1)pdm09 virus. <i>Virology</i> , 2015 , 484, 15-21	3.6	10
92	Mutations that adapt SARS-CoV-2 to mink or ferret do not increase fitness in the human airway.. <i>Cell Reports</i> , 2022 , 110344	10.6	10
91	Resurgence of SARS-CoV-2 in England: detection by community antigen surveillance		10
90	REACT-1 round 7 updated report: regional heterogeneity in changes in prevalence of SARS-CoV-2 infection during the second national COVID-19 lockdown in England		10
89	Rapid generation of a well-matched vaccine seed from a modern influenza A virus primary isolate without recourse to eggs. <i>Vaccine</i> , 2010 , 28, 2973-9	4.1	9

88	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge		9
87	An engineered avian-origin influenza A virus for pancreatic ductal adenocarcinoma virotherapy. <i>Journal of General Virology</i> , 2016 , 97, 2166-2179	4.9	9
86	The Functional Study of the N-Terminal Region of Influenza B Virus Nucleoprotein. <i>PLoS ONE</i> , 2015 , 10, e0137802	3.7	8
85	High prevalence of SARS-CoV-2 swab positivity in England during September 2020: interim report of round 5 of REACT-1 study		8
84	REACT-1 round 9 final report: Continued but slowing decline of prevalence of SARS-CoV-2 during national lockdown in England in February 2021		8
83	The ChAdOx1 vectored vaccine, AZD2816, induces strong immunogenicity against SARS-CoV-2 Beta (B.1.351) and other variants of concern in preclinical studies		8
82	Population antibody responses following COVID-19 vaccination in 212,102 individuals.. <i>Nature Communications</i> , 2022 , 13, 907	17.4	8
81	SARS-CoV-2 infection and vaccine effectiveness in England (REACT-1): a series of cross-sectional random community surveys.. <i>Lancet Respiratory Medicine</i> , 2022 ,	35.1	7
80	NB protein does not affect influenza B virus replication in vitro and is not required for replication in or transmission between ferrets. <i>Journal of General Virology</i> , 2016 , 97, 593-601	4.9	7
79	High and increasing prevalence of SARS-CoV-2 swab positivity in England during end September beginning October 2020: REACT-1 round 5 updated report		7
78	Evaluating the fitness of PA/I38T-substituted influenza A viruses with reduced baloxavir susceptibility in a competitive mixtures ferret model. <i>PLoS Pathogens</i> , 2021 , 17, e1009527	7.6	7
77	SARS-CoV-2 lineage dynamics in England from January to March 2021 inferred from representative community samples		7
76	Inactivation of SARS-CoV-2 in chlorinated swimming pool water. <i>Water Research</i> , 2021 , 205, 117718	12.5	7
75	REACT-1 round 8 final report: high average prevalence with regional heterogeneity of trends in SARS-CoV-2 infection in the community in England during January 2021		7
74	Neutralising antibody activity against SARS-CoV-2 variants, including Omicron, in an elderly cohort vaccinated with BNT162b2		6
73	REACT-1 study round 14: High and increasing prevalence of SARS-CoV-2 infection among school-aged children during September 2021 and vaccine effectiveness against infection in England		6
72	Passage of influenza A/H3N2 viruses in human airway cells removes artefactual variants associated with neuraminidase-mediated binding. <i>Journal of General Virology</i> , 2020 , 101, 456-466	4.9	6
71	Transient dynamics of SARS-CoV-2 as England exited national lockdown		6

70	Ultrastructure of cell trafficking pathways and coronavirus: how to recognise the wolf amongst the sheep. <i>Journal of Pathology</i> , 2020 , 252, 346-357	9.4	6
69	Favipiravir-resistant influenza A virus shows potential for transmission. <i>PLoS Pathogens</i> , 2021 , 17, e1008937	3.7	6
68	REACT-1 round 8 interim report: SARS-CoV-2 prevalence during the initial stages of the third national lockdown in England		6
67	Population implications of the deployment of novel universal vaccines against epidemic and pandemic influenza. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20190879	4.1	5
66	A handheld point-of-care system for rapid detection of SARS-CoV-2 in under 20 minutes		5
65	Site-directed M2 proton channel inhibitors enable synergistic combination therapy for rimantadine-resistant pandemic influenza. <i>PLoS Pathogens</i> , 2020 , 16, e1008716	7.6	5
64	REACT-1 round 9 interim report: downward trend of SARS-CoV-2 in England in February 2021 but still at high prevalence		5
63	The ChAdOx1 vectored vaccine, AZD2816, induces strong immunogenicity against SARS-CoV-2 beta (B.1.351) and other variants of concern in preclinical studies.. <i>EBioMedicine</i> , 2022 , 77, 103902	8.8	5
62	Pregnancy-related immune suppression leads to altered influenza vaccine recall responses. <i>Clinical Immunology</i> , 2019 , 208, 108254	9	4
61	Ferret airway epithelial cell cultures support efficient replication of influenza B virus but not mumps virus. <i>Journal of General Virology</i> , 2015 , 96, 2092-2098	4.9	4
60	A common TMPRSS2 variant has a protective effect against severe COVID-19.. <i>Current Research in Translational Medicine</i> , 2022 , 70, 103333	3.7	4
59	REACT-1 round 7 interim report: fall in prevalence of swab-positivity in England during national lockdown		4
58	Host Cell Factors That Interact with Influenza Virus Ribonucleoproteins. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021 , 11,	5.4	4
57	REACT-1 round 10 report: Level prevalence of SARS-CoV-2 swab-positivity in England during third national lockdown in March 2021		4
56	2020 Hindsight: Should evolutionary virologists have expected the unexpected during a pandemic?. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 2311-2316	3.8	4
55	Naïve Human Macrophages Are Refractory to SARS-CoV-2 Infection and Exhibit a Modest Inflammatory Response Early in Infection.. <i>Viruses</i> , 2022 , 14,	6.2	4
54	SARS-CoV-2 lineage dynamics in England from September to November 2021: high diversity of Delta sub-lineages and increased transmissibility of AY.4.2		4
53	Context-specific emergence and growth of the SARS-CoV-2 Delta variant. 2021 ,		3

52	REACT-1 round 15 final report: Increased breakthrough SARS-CoV-2 infections among adults who had received two doses of vaccine, but booster doses and first doses in children are providing important protection		3
51	SARS-CoV-2 environmental contamination from hospitalised patients with COVID-19 receiving aerosol-generating procedures. <i>Thorax</i> , 2021 ,	7.3	3
50	SARS-CoV-2 variants of concern Alpha, Beta, Gamma and Delta have extended ACE2 receptor host-ranges		3
49	Acceptability, Usability, and Performance of Lateral Flow Immunoassay Tests for Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies: REACT-2 Study of Self-Testing in Nonhealthcare Key Workers. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab496	1	3
48	Swine ANP32A supports avian influenza virus polymerase		3
47	Mammalian ANP32A and ANP32B proteins drive alternative avian influenza virus polymerase adaptations		3
46	The Emergence of H7N7 Highly Pathogenic Avian Influenza Virus from Low Pathogenicity Avian Influenza Virus Using an Embryo Culture Model. <i>Viruses</i> , 2020 , 12,	6.2	3
45	Ultrastructural insight into SARS-CoV-2 attachment, entry and budding in human airway epithelium		3
44	REACT-1 round 11 report: low prevalence of SARS-CoV-2 infection in the community prior to the third step of the English roadmap out of lockdown		3
43	Vaccine uptake and SARS-CoV-2 antibody prevalence among 207,337 adults during May 2021 in England: REACT-2 study		3
42	A natural variant in ANP32B impairs influenza virus replication in human cells. <i>Journal of General Virology</i> , 2021 , 102,	4.9	3
41	Ultrastructural insight into SARS-CoV-2 entry and budding in human airway epithelium.. <i>Nature Communications</i> , 2022 , 13, 1609	17.4	3
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