

Anne L Wyllie

List of Publications by Citations

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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.

65
papers

4,521
citations

28
h-index

67
g-index

78
ext. papers

6,851
ext. citations

17.1
avg, IF

5.03
L-index

#	Paper	IF	Citations
65	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , 2020 , 584, 463-469	50.4	901
64	Sex differences in immune responses that underlie COVID-19 disease outcomes. <i>Nature</i> , 2020 , 588, 315-320	50.4	556
63	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020 , 383, 1283-1286	59.2	507
62	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , 2020 , 5, 1299-1305	26.6	380
61	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020 , 181, 990-996.e5	56.2	235
60	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4947-4953	15.9	230
59	Diverse functional autoantibodies in patients with COVID-19. <i>Nature</i> , 2021 , 595, 283-288	50.4	199
58	Dysbiosis of upper respiratory tract microbiota in elderly pneumonia patients. <i>ISME Journal</i> , 2016 , 10, 97-108	11.9	115
57	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , 2021 , 2, 263-280.e6	31.7	110
56	Saliva is more sensitive for SARS-CoV-2 detection in COVID-19 patients than nasopharyngeal swabs		97
55	Development of the Nasopharyngeal Microbiota in Infants with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 504-15	10.2	88
54	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. <i>BMC Neurology</i> , 2020 , 20, 248	3.1	78
53	Streptococcus pneumoniae in saliva of Dutch primary school children. <i>PLoS ONE</i> , 2014 , 9, e102045	3.7	66
52	Diverse Functional Autoantibodies in Patients with COVID-19 2021 ,		65
51	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021 , 27, 1178-1186	50.5	65
50	Superiority of trans-oral over trans-nasal sampling in detecting Streptococcus pneumoniae colonization in adults. <i>PLoS ONE</i> , 2013 , 8, e60520	3.7	57
49	Carriage of Streptococcus pneumoniae in aged adults with influenza-like-illness. <i>PLoS ONE</i> , 2015 , 10, e0119875	3.7	52

48	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 qRT-PCR primer-probe sets		51
47	The COVID-19 XPRIZE and the need for scalable, fast, and widespread testing. <i>Nature Biotechnology</i> , 2020 , 38, 1021-1024	44.5	45
46	Saliva as a gold-standard sample for SARS-CoV-2 detection. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 562-564	35.1	43
45	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity		42
44	Molecular surveillance on Streptococcus pneumoniae carriage in non-elderly adults; little evidence for pneumococcal circulation independent from the reservoir in children. <i>Scientific Reports</i> , 2016 , 6, 34888	4.9	41
43	Saliva viral load is a dynamic unifying correlate of COVID-19 severity and mortality 2021 ,		41
42	Simply saliva: stability of SARS-CoV-2 detection negates the need for expensive collection devices 2020 ,		38
41	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019 , 10, 2176	17.4	37
40	Sex differences in immune responses to SARS-CoV-2 that underlie disease outcomes 2020 ,		35
39	Molecular surveillance of nasopharyngeal carriage of Streptococcus pneumoniae in children vaccinated with conjugated polysaccharide pneumococcal vaccines. <i>Scientific Reports</i> , 2016 , 6, 23809	4.9	32
38	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR. <i>PLoS Biology</i> , 2020 , 18, e3000867	9.7	28
37	Pooling saliva to increase SARS-CoV-2 testing capacity 2020 ,		26
36	Single-Cell Omics Reveals Dyssynchrony of the Innate and Adaptive Immune System in Progressive COVID-19		23
35	SARS-CoV-2 infection of the placenta		22
34	Stability of SARS-CoV-2 RNA in Nonsupplemented Saliva. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1146-1150	5.02	21
33	Coast-to-coast spread of SARS-CoV-2 in the United States revealed by genomic epidemiology 2020 ,		19
32	Upper respiratory tract colonization with in adults. <i>Expert Review of Vaccines</i> , 2020 , 19, 353-366	5.2	16
31	Discordant SARS-CoV-2 PCR and Rapid Antigen Test Results When Infectious: A December 2021 Occupational Case Series		14

30	Longitudinal immunological analyses reveal inflammatory misfiring in severe COVID-19 patients		14
29	Sequencing of the variable region of to discriminate between and other streptococcal species. <i>Open Biology</i> , 2017 , 7,	7	13
28	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19.. <i>Nature Communications</i> , 2022 , 13, 440	17.4	13
27	Real-time public health communication of local SARS-CoV-2 genomic epidemiology. <i>PLoS Biology</i> , 2020 , 18, e3000869	9.7	12
26	Increased SARS-CoV-2 Testing Capacity with Pooled Saliva Samples. <i>Emerging Infectious Diseases</i> , 2021 , 27,	10.2	11
25	Evidence for SARS-CoV-2 Spike Protein in the Urine of COVID-19 Patients.. <i>Kidney360</i> , 2021 , 2, 924-936	1.8	10
24	Implementation of a pooled surveillance testing program for asymptomatic SARS-CoV-2 infections in K-12 schools and universities. <i>EClinicalMedicine</i> , 2021 , 38, 101028	11.3	10
23	Exploring Immune Development in Infants With Moderate to Severe Atopic Dermatitis. <i>Frontiers in Immunology</i> , 2018 , 9, 630	8.4	8
22	Tracking smell loss to identify healthcare workers with SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021 , 16, e0248075	3.7	8
21	Variation of growth characteristics of pneumococcus with environmental conditions. <i>BMC Microbiology</i> , 2019 , 19, 304	4.5	5
20	Evaluation of saliva self-collection devices for SARS-CoV-2 diagnostics 2021 ,		5
19	Saliva Collection and RNA Extraction for SARS-CoV-2 Detection v2		4
18	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. <i>Journal of Infectious Diseases</i> , 2021 ,	7	4
17	Tracking Smell Loss to Identify Healthcare Workers with SARS-CoV-2 Infection 2020 ,		3
16	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR		3
15	Serotype Patterns of Pneumococcal Disease in Adults Are Correlated With Carriage Patterns in Older Children. <i>Clinical Infectious Diseases</i> , 2021 , 72, e768-e775	11.6	3
14	Testing Saliva to Reveal the Submerged Cases of the COVID-19 Iceberg. <i>Frontiers in Microbiology</i> , 2021 , 12, 721635	5.7	3
13	Saliva Collection and RNA Extraction for SARS-CoV-2 Detection v1		2

12	SalivaDirect: RNA extraction-free SARS-CoV-2 diagnostics v3		2
11	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021 ,		2
10	Magnetic Bead-Based Separation (MBS) of Pneumococcal Serotypes		2
9	Pooled Surveillance Testing Program for Asymptomatic SARS-CoV-2 Infections in K-12 Schools and Universities ₂		
8	Loop-Mediated Isothermal Amplification Detection of SARS-CoV-2 and Myriad Other Applications.. <i>Journal of Biomolecular Techniques</i> , 2021 , 32, 228-275	1.1	2
7	Saliva RT-PCR Sensitivity Over the Course of SARS-CoV-2 Infection.. <i>JAMA - Journal of the American Medical Association</i> , 2022 , 327, 182-183	27.4	1
6	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021 ,		1
5	Reply to: A finding of sex similarities rather than differences in COVID-19 outcomes. <i>Nature</i> , 2021 , 597, E10-E11	50.4	1
4	Evaluation of saliva self-collection devices for SARS-CoV-2 diagnostics.. <i>BMC Infectious Diseases</i> , 2022 , 22, 284	4	1
3	Evaluation of the Liberty16 Mobile Real Time PCR Device for Use With the SalivaDirect Assay for SARS-CoV-2 Testing.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 808773	5.9	0
2	Sequencing SARS-CoV-2 genomes from saliva.. <i>Virus Evolution</i> , 2022 , 8, veab098	3.7	0
1	Understanding the Barriers to Pooled SARS-CoV-2 Testing in the United States. <i>Microbiology Spectrum</i> , 2021 , 9, e0031221	8.9	0