

Anne L Wyllie

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

8,328
citations

218381

26
h-index

243296

44
g-index

78
all docs

78
docs citations

78
times ranked

18081
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , 2020, 584, 463-469.	13.7	1,710
2	Sex differences in immune responses that underlie COVID-19 disease outcomes. <i>Nature</i> , 2020, 588, 315-320.	13.7	1,035
3	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020, 383, 1283-1286.	13.9	823
4	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , 2020, 5, 1299-1305.	5.9	661
5	Diverse functional autoantibodies in patients with COVID-19. <i>Nature</i> , 2021, 595, 283-288.	13.7	619
6	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020, 130, 4947-4953.	3.9	387
7	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020, 181, 990-996.e5.	13.5	321
8	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , 2021, 2, 263-280.e6.	2.2	211
9	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021, 27, 1178-1186.	15.2	183
10	Dysbiosis of upper respiratory tract microbiota in elderly pneumonia patients. <i>ISME Journal</i> , 2016, 10, 97-108.	4.4	166
11	Development of the Nasopharyngeal Microbiota in Infants with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 504-515.	2.5	112
12	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. <i>BMC Neurology</i> , 2020, 20, 248.	0.8	108
13	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19. <i>Nature Communications</i> , 2022, 13, 440.	5.8	100
14	<i>Streptococcus pneumoniae</i> in Saliva of Dutch Primary School Children. <i>PLoS ONE</i> , 2014, 9, e102045.	1.1	94
15	Saliva as a gold-standard sample for SARS-CoV-2 detection. <i>Lancet Respiratory Medicine</i> , 2021, 9, 562-564.	5.2	90
16	Superiority of Trans-Oral over Trans-Nasal Sampling in Detecting <i>Streptococcus pneumoniae</i> Colonization in Adults. <i>PLoS ONE</i> , 2013, 8, e60520.	1.1	86
17	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019, 10, 2176.	5.8	83
18	Carriage of <i>Streptococcus pneumoniae</i> in Aged Adults with Influenza-Like-Illness. <i>PLoS ONE</i> , 2015, 10, e0119875.	1.1	77

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19	Molecular surveillance on <i>Streptococcus pneumoniae</i> carriage in non-elderly adults; little evidence for pneumococcal circulation independent from the reservoir in children. <i>Scientific Reports</i> , 2016, 6, 34888.	1.6	72
20	The COVID-19 XPRIZE and the need for scalable, fast, and widespread testing. <i>Nature Biotechnology</i> , 2020, 38, 1021-1024.	9.4	71
21	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR. <i>PLoS Biology</i> , 2020, 18, e3000867.	2.6	64
22	Stability of SARS-CoV-2 RNA in Nonsupplemented Saliva. <i>Emerging Infectious Diseases</i> , 2021, 27, 1146-1150.	2.0	61
23	Molecular surveillance of nasopharyngeal carriage of <i>Streptococcus pneumoniae</i> in children vaccinated with conjugated polysaccharide pneumococcal vaccines. <i>Scientific Reports</i> , 2016, 6, 23809.	1.6	57
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.	3.2	41
25	Evidence for SARS-CoV-2 Spike Protein in the Urine of COVID-19 Patients. <i>Kidney360</i> , 2021, 2, 924-936.	0.9	34
26	Upper respiratory tract colonization with <i>Streptococcus pneumoniae</i> in adults. <i>Expert Review of Vaccines</i> , 2020, 19, 353-366.	2.0	31
27	Loop-Mediated Isothermal Amplification Detection of SARS-CoV-2 and Myriad Other Applications. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 228-275.	0.8	28
28	Increased SARS-CoV-2 Testing Capacity with Pooled Saliva Samples. <i>Emerging Infectious Diseases</i> , 2021, 27, .	2.0	27
29	Sequencing of the variable region of <i>rpsB</i> to discriminate between <i>Streptococcus pneumoniae</i> and other streptococcal species. <i>Open Biology</i> , 2017, 7, 170074.	1.5	23
30	Saliva as a sample type for SARS-CoV-2 detection: implementation successes and opportunities around the globe. <i>Expert Review of Molecular Diagnostics</i> , 2022, 22, 519-535.	1.5	19
31	Exploring Immune Development in Infants With Moderate to Severe Atopic Dermatitis. <i>Frontiers in Immunology</i> , 2018, 9, 630.	2.2	16
32	Real-time public health communication of local SARS-CoV-2 genomic epidemiology. <i>PLoS Biology</i> , 2020, 18, e3000869.	2.6	15
33	Variation of growth characteristics of pneumococcus with environmental conditions. <i>BMC Microbiology</i> , 2019, 19, 304.	1.3	13
34	Serotype Patterns of Pneumococcal Disease in Adults Are Correlated With Carriage Patterns in Older Children. <i>Clinical Infectious Diseases</i> , 2021, 72, e768-e775.	2.9	10
35	Tracking smell loss to identify healthcare workers with SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0248025.	1.1	10
36	Testing Saliva to Reveal the Submerged Cases of the COVID-19 Iceberg. <i>Frontiers in Microbiology</i> , 2021, 12, 721635.	1.5	10

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37	Evaluation of saliva self-collection devices for SARS-CoV-2 diagnostics. BMC Infectious Diseases, 2022, 22, 284.	1.3	9
38	Longitudinal Immune Profiling of a Severe Acute Respiratory Syndrome Coronavirus 2 Reinfection in a Solid Organ Transplant Recipient. Journal of Infectious Diseases, 2022, 225, 374-384.	1.9	7
39	Saliva RT-PCR Sensitivity Over the Course of SARS-CoV-2 Infection. JAMA - Journal of the American Medical Association, 2022, 327, 182.	3.8	6
40	Reply to: A finding of sex similarities rather than differences in COVID-19 outcomes. Nature, 2021, 597, E10-E11.	13.7	4
41	Sequencing SARS-CoV-2 genomes from saliva. Virus Evolution, 2022, 8, veab098.	2.2	4
42	Evaluation of the Liberty16 Mobile Real Time PCR Device for Use With the SalivaDirect Assay for SARS-CoV-2 Testing. Frontiers in Cellular and Infection Microbiology, 2021, 11, 808773.	1.8	4
43	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. , 2021, , .		3
44	Understanding the Barriers to Pooled SARS-CoV-2 Testing in the United States. Microbiology Spectrum, 2021, 9, e0031221.	1.2	3
45	Abstract S03-03: Cancer patients display diminished viral RNA clearance and altered T cell responses during SARS-CoV-2 infection. , 2021, , .		0