

# Kate E Templeton

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

6,513  
citations

81900

39  
h-index

69250

77  
g-index

115  
all docs

115  
docs citations

115  
times ranked

10998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hospital admission and emergency care attendance risk for SARS-CoV-2 delta (B.1.617.2) compared with alpha (B.1.1.7) variants of concern: a cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 35-42.	9.1	612
2	Rapid and Sensitive Method Using Multiplex Real-Time PCR for Diagnosis of Infections by Influenza A and Influenza B Viruses, Respiratory Syncytial Virus, and Parainfluenza Viruses 1, 2, 3, and 4. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1564-1569.	3.9	462
3	A genomic portrait of the emergence, evolution, and global spread of a methicillin-resistant <i>Staphylococcus aureus</i> pandemic. <i>Genome Research</i> , 2013, 23, 653-664.	5.5	412
4	Simultaneous Detection of <i>Entamoeba histolytica</i> , <i>Giardia lamblia</i> , and <i>Cryptosporidium parvum</i> in Fecal Samples by Using Multiplex Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1220-1223.	3.9	350
5	Comprehensive Molecular Testing for Respiratory Pathogens in Community-Acquired Pneumonia. <i>Clinical Infectious Diseases</i> , 2016, 62, 817-823.	5.8	322
6	Improved Diagnosis of the Etiology of Community-Acquired Pneumonia with Real-Time Polymerase Chain Reaction. <i>Clinical Infectious Diseases</i> , 2005, 41, 345-351.	5.8	291
7	Late Ebola virus relapse causing meningoencephalitis: a case report. <i>Lancet</i> , The, 2016, 388, 498-503.	13.7	291
8	Longitudinal Serological Analysis and Neutralizing Antibody Levels in Coronavirus Disease 2019 Convalescent Patients. <i>Journal of Infectious Diseases</i> , 2021, 223, 389-398.	4.0	233
9	Evaluation of 12 Commercial Tests and the Complement Fixation Test for <i>Mycoplasma pneumoniae</i> -Specific Immunoglobulin G (IgG) and IgM Antibodies, with PCR Used as the "Gold Standard". <i>Journal of Clinical Microbiology</i> , 2005, 43, 2277-2285.	3.9	185
10	Molecular tracing of the emergence, adaptation, and transmission of hospital-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9107-9112.	7.1	174
11	The dominance of human coronavirus OC43 and NL63 infections in infants. <i>Journal of Clinical Virology</i> , 2012, 53, 135-139.	3.1	161
12	Comparison and Evaluation of Real-Time PCR, Real-Time Nucleic Acid Sequence-Based Amplification, Conventional PCR, and Serology for Diagnosis of <i>Mycoplasma pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2003, 41, 4366-4371.	3.9	139
13	Typing and Subtyping of <i>Clostridium difficile</i> Isolates by Using Multiple-Locus Variable-Number Tandem-Repeat Analysis. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1024-1028.	3.9	137
14	Performance of the xTAG Gastrointestinal Pathogen Panel, a Multiplex Molecular Assay for Simultaneous Detection of Bacterial, Viral, and Parasitic Causes of Infectious Gastroenteritis. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1041-1045.	2.1	115
15	Comparison of the Luminex Respiratory Virus Panel Fast Assay with In-House Real-Time PCR for Respiratory Viral Infection Diagnosis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2213-2216.	3.9	114
16	Evaluation of Real-Time PCR for Detection of and Discrimination between <i>Bordetella pertussis</i> , <i>Bordetella parapertussis</i> , and <i>Bordetella holmesii</i> for Clinical Diagnosis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4121-4126.	3.9	112
17	Development and Clinical Evaluation of an Internally Controlled, Single-Tube Multiplex Real-Time PCR Assay for Detection of <i>Legionella pneumophila</i> and Other <i>Legionella</i> Species. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4016-4021.	3.9	101
18	Comparison of human parechovirus and enterovirus detection frequencies in cerebrospinal fluid samples collected over a 5-year period in edinburgh: HPeV type 3 identified as the most common picornavirus type. <i>Journal of Medical Virology</i> , 2011, 83, 889-896.	5.0	100

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19	Sustained transmission of high-level azithromycin-resistant <i>Neisseria gonorrhoeae</i> in England: an observational study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 573-581.	9.1	99
20	Persistence of HIV-1 Transmitted Drug Resistance Mutations. <i>Journal of Infectious Diseases</i> , 2013, 208, 1459-1463.	4.0	92
21	Genomic epidemiology reveals multiple introductions of SARS-CoV-2 from mainland Europe into Scotland. <i>Nature Microbiology</i> , 2021, 6, 112-122.	13.3	88
22	Adaptive Evolution of <i>Staphylococcus aureus</i> during Chronic Endobronchial Infection of a Cystic Fibrosis Patient. <i>PLoS ONE</i> , 2011, 6, e24301.	2.5	84
23	Qiagen DNA Extraction Kits for Sample Preparation for <i>Legionella</i> PCR Are Not Suitable for Diagnostic Purposes. <i>Journal of Clinical Microbiology</i> , 2002, 40, 1126.	3.9	65
24	Absence of Severe Acute Respiratory Syndrome Coronavirus 2 Neutralizing Activity in Prepandemic Sera From Individuals With Recent Seasonal Coronavirus Infection. <i>Clinical Infectious Diseases</i> , 2021, 73, e1208-e1211.	5.8	65
25	Genetics, Recombination and Clinical Features of Human Rhinovirus Species C (HRV-C) Infections; Interactions of HRV-C with Other Respiratory Viruses. <i>PLoS ONE</i> , 2009, 4, e8518.	2.5	62
26	Rise in testing and diagnosis associated with Scotland's Action Plan on Hepatitis C and introduction of dried blood spot testing. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 1182-1188.	3.7	60
27	Inter-laboratory comparison of three different real-time PCR assays for the detection of <i>Pneumocystis jiroveci</i> in bronchoalveolar lavage fluid samples. <i>Journal of Medical Microbiology</i> , 2006, 55, 1229-1235.	1.8	57
28	Prospective Study of Respiratory Viral Infections in Pediatric Hemopoietic Stem Cell Transplantation Patients. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, 518-522.	2.0	53
29	Systemic inflammation after critical illness: relationship with physical recovery and exploration of potential mechanisms. <i>Thorax</i> , 2016, 71, 820-829.	5.6	52
30	Comparison of Unyvero P55 Pneumonia Cartridge, in-house PCR and culture for the identification of respiratory pathogens and antibiotic resistance in bronchoalveolar lavage fluids in the critical care setting. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1171-1178.	2.9	52
31	Detection of influenza C virus but not influenza D virus in Scottish respiratory samples. <i>Journal of Clinical Virology</i> , 2016, 74, 50-53.	3.1	51
32	Multicenter Evaluation of the Cepheid Xpert Hepatitis C Virus Viral Load Assay. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1550-1556.	3.9	49
33	Detection of a Point Mutation Associated with High-Level Isoniazid Resistance in <i>Mycobacterium tuberculosis</i> by Using Real-Time PCR Technology with 3'â€²-Minor Groove Binder-DNA Probes. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4630-4635.	3.9	48
34	Molecular Epidemiology and Evolution of Human Respiratory Syncytial Virus and Human Metapneumovirus. <i>PLoS ONE</i> , 2011, 6, e17427.	2.5	48
35	Comparison of mumps-IgM ELISAs in acute infection. <i>Journal of Clinical Virology</i> , 2007, 38, 153-156.	3.1	47
36	Environmental Surveillance Reveals Complex Enterovirus Circulation Patterns in Human Populations. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy250.	0.9	47

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37	Development and Assay of RNA Transcripts of Enterovirus Species A to D, Rhinovirus Species A to C, and Human Parechovirus: Assessment of Assay Sensitivity and Specificity of Real-Time Screening and Typing Methods. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2910-2917.	3.9	44
38	Rapid Simultaneous Detection of Enterovirus and Parechovirus RNAs in Clinical Samples by One-Step Real-Time Reverse Transcription-PCR Assay. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2620-2624.	3.9	43
39	Hepatitis C reinfection following treatment induced viral clearance among people who have injected drugs. <i>Drug and Alcohol Dependence</i> , 2016, 165, 53-60.	3.2	43
40	Direct Detection and Genotyping of <i>Klebsiella pneumoniae</i> Carbapenemases from Urine by Use of a New DNA Microarray Test. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3990-3998.	3.9	42
41	Label- and amplification-free electrochemical detection of bacterial ribosomal RNA. <i>Biosensors and Bioelectronics</i> , 2016, 81, 487-494.	10.1	42
42	Rapid Electrochemical Detection of New Delhi Metallo-beta-lactamase Genes To Enable Point-of-Care Testing of Carbapenem-Resistant Enterobacteriaceae. <i>Analytical Chemistry</i> , 2015, 87, 7738-7745.	6.5	39
43	Evolution of the hepatitis E virus hypervariable region. <i>Journal of General Virology</i> , 2012, 93, 2408-2418.	2.9	36
44	Sharing a household with children and risk of COVID-19: a study of over 300 000 adults living in healthcare worker households in Scotland. <i>Archives of Disease in Childhood</i> , 2021, 106, 1212-1217.	1.9	36
45	Uptake of hepatitis C specialist services and treatment following diagnosis by dried blood spot in Scotland. <i>Journal of Clinical Virology</i> , 2014, 61, 359-364.	3.1	33
46	Long term stability of HBsAg, anti-HBc and anti-HCV in dried blood spot samples and eluates. <i>Journal of Clinical Virology</i> , 2015, 71, 10-17.	3.1	33
47	Clinical outcomes and macrolide resistance in <i>Mycoplasma pneumoniae</i> infection in Scotland, UK. <i>Journal of Medical Microbiology</i> , 2013, 62, 1876-1882.	1.8	32
48	Multicenter Evaluation of the Xpert Norovirus Assay for Detection of Norovirus Genogroups I and II in Fecal Specimens. <i>Journal of Clinical Microbiology</i> , 2016, 54, 142-147.	3.9	32
49	A sensitive and affordable multiplex RT-qPCR assay for SARS-CoV-2 detection. <i>PLoS Biology</i> , 2020, 18, e3001030.	5.6	32
50	Mixed genotype hepatitis C infections and implications for treatment. <i>Hepatology</i> , 2014, 59, 1209-1209.	7.3	31
51	16S pan-bacterial PCR can accurately identify patients with ventilator-associated pneumonia. <i>Thorax</i> , 2017, 72, 1046-1048.	5.6	31
52	Incidence, molecular epidemiology and clinical presentations of human metapneumovirus; assessment of its importance as a diagnostic screening target. <i>Journal of Clinical Virology</i> , 2009, 46, 318-324.	3.1	29
53	Application of Real-time PCR to Recognize Atypical Mycobacteria in Archival Skin Biopsies. <i>Diagnostic Molecular Pathology</i> , 2007, 16, 81-86.	2.1	24
54	Why diagnose respiratory viral infection?. <i>Journal of Clinical Virology</i> , 2007, 40, S2-S4.	3.1	24

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55	Population-level estimates of hepatitis C reinfection post scale-up of direct-acting antivirals among people who inject drugs. <i>Journal of Hepatology</i> , 2022, 76, 549-557.	3.7	24
56	The index case of SARS-CoV-2 in Scotland. <i>Journal of Infection</i> , 2020, 81, 147-178.	3.3	22
57	Molecular diagnosis of <i>Legionella</i> infections – Clinical utility of front-line screening as part of a pneumonia diagnostic algorithm. <i>Journal of Infection</i> , 2016, 72, 161-170.	3.3	21
58	Sensitivity of RT-PCR testing of upper respiratory tract samples for SARS-CoV-2 in hospitalised patients: a retrospective cohort study. <i>Wellcome Open Research</i> , 2020, 5, 254.	1.8	20
59	Detection of respiratory pathogens by real-time PCR in children with clinical suspicion of pertussis. <i>European Journal of Pediatrics</i> , 2007, 166, 1189-1191.	2.7	19
60	Spatiotemporal Reconstruction of the Introduction of Hepatitis C Virus into Scotland and Its Subsequent Regional Transmission. <i>Journal of Virology</i> , 2015, 89, 11223-11232.	3.4	17
61	Postexposure Prophylaxis With rVSV-ZEBOV Following Exposure to a Patient With Ebola Virus Disease Relapse in the United Kingdom: An Operational, Safety, and Immunogenicity Report. <i>Clinical Infectious Diseases</i> , 2020, 71, 2872-2879.	5.8	17
62	Population impact of direct-acting antiviral treatment on new presentations of hepatitis C-related decompensated cirrhosis: a national record-linkage study. <i>Gut</i> , 2020, 69, 2223-2231.	12.1	17
63	Multicenter Evaluation of QIAstat-Dx Respiratory Panel V2 for Detection of Viral and Bacterial Respiratory Pathogens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	17
64	Evaluation of the BD Max StaphSR Assay for Rapid Identification of <i>Staphylococcus aureus</i> and Methicillin-Resistant <i>S. aureus</i> in Positive Blood Culture Broths. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3630-3632.	3.9	14
65	Trends in the incidence of HIV in Scotland, 1988–2009. <i>Sexually Transmitted Infections</i> , 2012, 88, 194-199.	1.9	12
66	Development of an avidity assay for detection of recent HIV infections. <i>Journal of Virological Methods</i> , 2015, 217, 42-49.	2.1	12
67	Tools for Detection of <i>Mycoplasma amphoriforme</i> : a Primary Respiratory Pathogen?. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1177-1181.	3.9	11
68	Detection of Norovirus by BD MAX <sup>®</sup> , Xpert <sup>®</sup> Norovirus, and xTAG <sup>®</sup> Gastrointestinal Pathogen Panel in stool and vomit samples. <i>Journal of Clinical Virology</i> , 2018, 105, 72-76.	3.1	11
69	Impact of the introduction of rotavirus vaccination on paediatric hospital admissions, Lothian, Scotland: a retrospective observational study. <i>Archives of Disease in Childhood</i> , 2017, 102, 323-327.	1.9	10
70	Antibiotic Treatment Regimes as a Driver of the Global Population Dynamics of a Major Gonorrhoea Lineage. <i>Molecular Biology and Evolution</i> , 2021, 38, 1249-1261.	8.9	10
71	Rapid molecular testing for <i>Staphylococcus aureus</i> bacteraemia improves clinical management. <i>Journal of Medical Microbiology</i> , 2020, 69, 552-557.	1.8	10
72	Presence of <i>optrA</i> -mediated linezolid resistance in multiple lineages and plasmids of <i>Enterococcus faecalis</i> revealed by long read sequencing. <i>Microbiology (United Kingdom)</i> , 2022, 168, .	1.8	9

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73	Comparative Evaluation of the Diagenode Multiplex PCR Assay on the BD Max System versus a Routine In-House Assay for Detection of <i>Bordetella pertussis</i> . <i>Journal of Clinical Microbiology</i> , 2014, 52, 2668-2670.	3.9	7
74	Virological failure and development of new resistance mutations according to <scp>CD</scp>4 count at combination antiretroviral therapy initiation. <i>HIV Medicine</i> , 2016, 17, 368-372.	2.2	7
75	Evaluation of the molecular detection of ciprofloxacin resistance in <i>Neisseria gonorrhoeae</i> by the ResistancePlus GC assay (SpeeDx). <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 99, 115262.	1.8	7
76	Rapid detection of SARS-CoV-2 variants using allele-specific PCR. <i>Journal of Virological Methods</i> , 2022, 303, 114497.	2.1	7
77	Parainfluenza virus 4 detection in infants. <i>European Journal of Pediatrics</i> , 2005, 164, 528-529.	2.7	6
78	Prevalence of Influenza A (H1N1) Seropositivity in Unvaccinated Healthcare Workers in Scotland at the Height of the Global Pandemic. <i>Journal of Environmental and Public Health</i> , 2011, 2011, 1-5.	0.9	6
79	Sensitivity of RT-PCR testing of upper respiratory tract samples for SARS-CoV-2 in hospitalised patients: a retrospective cohort study. <i>Wellcome Open Research</i> , 0, 5, 254.	1.8	6
80	A selected screening programme was less effective in the detection of methicillin-resistant <i>Staphylococcus aureus</i> colonisation in an orthopaedic unit. <i>International Orthopaedics</i> , 2014, 38, 163-167.	1.9	5
81	Diagnostic performance of the combined nasal and throat swab in patients admitted to hospital with suspected COVID-19. <i>BMC Infectious Diseases</i> , 2021, 21, 318.	2.9	5
82	High-yield extraction of <i>Escherichia coli</i> RNA from human whole blood. <i>Journal of Medical Microbiology</i> , 2017, 66, 301-311.	1.8	5
83	Atypical toxoplasmic retinochoroiditis. <i>BMJ Case Reports</i> , 2012, 2012, bcr1220115419-bcr1220115419.	0.5	4
84	Investigating the decline in Lymphogranuloma venereum diagnoses in men who have sex with men in the United Kingdom since 2016: an analysis of surveillance data. <i>Sexual Health</i> , 2020, 17, 344.	0.9	4
85	Near-patient testing for RSV in the emergency department. <i>Emergency Medicine Journal</i> , 2014, 31, 173.2-174.	1.0	3
86	Multiplex Real-Time PCR Assay for the Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> and Pantonâ€“Valentine Leukocidin from Clinical Samples. <i>Methods in Molecular Biology</i> , 2013, 943, 105-113.	0.9	2
87	Factors That Influence Confirmation of <i>Neisseria gonorrhoeae</i> Positivity by Molecular Methods. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	1
88	Phenotypic and molecular detection methods for carbapenemase-producing organisms and their clinical significance at two Scottish tertiary care hospitals. <i>Journal of Medical Microbiology</i> , 2019, 68, 560-565.	1.8	1
89	The dark art of syphilis serology - an analysis of testing algorithms at a UK reference laboratory. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	1
90	User acceptability of saliva and gargle samples for identifying COVID-19 positive high-risk workers and household contacts. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, , 115732.	1.8	1

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91	Reply to Zelyas and Robinson. <i>Clinical Infectious Diseases</i> , 2016, 63, 142.2-143.	5.8	0
92	Coronaviruses. , 0, , 1565-1583.		0