

# Positive rate of RT-PCR detection of SARS-CoV-2 infection in Wuhan, China, from Jan to Feb 2020

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Epidemic Characteristics of COVID-19 in Africa. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	2
2	Stochastic Filtrate of Essential Workers to Reactivate the World Economy Safely. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	0
3	Update of the current knowledge on genetics, evolution, immunopathogenesis, and transmission for coronavirus disease 19 (COVID-19). <i>International Journal of Biological Sciences</i> , 2020, 16, 2906-2923.	2.6	33
4	Chest x-ray in the COVID-19 pandemic: Radiologists's™ real-world reader performance. <i>European Journal of Radiology</i> , 2020, 132, 109272.	1.2	43
5	COVID-19 infection in kidney transplant recipients at the epicenter of pandemics. <i>Kidney International</i> , 2020, 98, 1559-1567.	2.6	100
6	The safety of paediatric surgery between COVID's19 surges: an observational study. <i>Anaesthesia</i> , 2020, 75, 1605-1613.	1.8	16
7	Molecular Diagnosis of Coronavirus Disease 2019. , 2020, 2, e0184.		6
8	Outcomes and epidemiology of COVID-19 infection in the obstetric population. <i>Seminars in Perinatology</i> , 2020, 44, 151283.	1.1	11
9	The Role of Imaging in the Management of Suspected or Known COVID-19 Pneumonia: A Multidisciplinary Perspective. <i>Annals of the American Thoracic Society</i> , 2020, , .	1.5	1
10	Diagnostic technologies for COVID-19: a review. <i>RSC Advances</i> , 2020, 10, 35257-35264.	1.7	28
11	Review of Viral Testing (Polymerase Chain Reaction) and Antibody/Serology Testing for Severe Acute Respiratory Syndrome-Coronavirus-2 for the Intensivist. , 2020, 2, e0154.		22
12	Elective Surgery during SARS-Cov-2/COVID-19 Pandemic. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2973.	0.3	12
13	Socio-demographic heterogeneity in the prevalence of COVID-19 during lockdown is associated with ethnicity and household size: Results from an observational cohort study. <i>EClinicalMedicine</i> , 2020, 25, 100466.	3.2	129
14	Open resource of clinical data from patients with pneumonia for the prediction of COVID-19 outcomes via deep learning. <i>Nature Biomedical Engineering</i> , 2020, 4, 1197-1207.	11.6	122
15	Physical Exercise as a Multimodal Tool for COVID-19: Could It Be Used as a Preventive Strategy?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8496.	1.2	47
16	Contribution of CT Features in the Diagnosis of COVID-19. <i>Canadian Respiratory Journal</i> , 2020, 2020, 1-16.	0.8	13
17	Emergency surgery and trauma care during COVID-19 pandemic. Recommendations of the Spanish Association of Surgeons. <i>Cirug'ıa Espa'ola (English Edition)</i> , 2020, 98, 433-441.	0.1	13
18	Residual Lung Injury in Patients Recovering From COVID 's19 Critical Illness: A Prospective Longitudinal Point-of-care Lung Ultrasound Study. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 1823-1838.	0.8	41

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19	First Wave of COVID-19 in French Patients with Cystic Fibrosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 3624.	1.0	33
20	On the Challenges for the Diagnosis of SARS-CoV-2 Based on a Review of Current Methodologies. <i>ACS Sensors</i> , 2020, 5, 3655-3677.	4.0	80
21	Higher Sensitivity Provided by the Combination of Two Lateral Flow Immunoassay Tests for the Detection of COVID-19 Immunoglobulins. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 479.	1.8	9
22	Molecular diagnosis of COVID-19 in different biologic matrix, their diagnostic validity and clinical relevance: A systematic review. <i>Life Sciences</i> , 2020, 258, 118207.	2.0	14
23	Side-by-Side Comparison of Three Fully Automated SARS-CoV-2 Antibody Assays with a Focus on Specificity. <i>Clinical Chemistry</i> , 2020, 66, 1405-1413.	1.5	122
24	Characteristics and roles of severe acute respiratory syndrome coronavirus 2-specific antibodies in patients with different severities of coronavirus 19. <i>Clinical and Experimental Immunology</i> , 2020, 202, 210-219.	1.1	37
25	Covid-19 Kills More Men Than Women: An Overview of Possible Reasons. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 131.	1.1	63
26	Clinical characteristics of COVID-19 and its comparison with influenza pneumonia. <i>Acta Clinica Belgica</i> , 2020, 75, 348-356.	0.5	30
27	Time Length of Negativization and Cycle Threshold Values in 182 Healthcare Workers with Covid-19 in Milan, Italy: An Observational Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5313.	1.2	16
28	Therapeutic plasma exchange in adult critically ill patients with life-threatening SARS-CoV-2 disease: A pilot study. <i>Journal of Critical Care</i> , 2020, 60, 328-333.	1.0	37
29	Contriving Multi-Epitope Subunit of Vaccine for COVID-19: Immunoinformatics Approaches. <i>Frontiers in Immunology</i> , 2020, 11, 1784.	2.2	130
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31	Racial and Gender-Based Differences in COVID-19. <i>Frontiers in Public Health</i> , 2020, 8, 418.	1.3	209
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33	Clinical application of Chemiluminescence Microparticle Immunoassay for SARS-CoV-2 infection diagnosis. <i>Journal of Clinical Virology</i> , 2020, 130, 104576.	1.6	19
34	Dynamic changes of throat swabs RNA and serum antibodies for SARS-CoV-2 and their diagnostic performances in patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 1974-1983.	3.0	7
35	Development and evaluation of a Novel RT-PCR system for reliable and rapid SARS-CoV-2 screening of blood donations. <i>Transfusion</i> , 2020, 60, 2952-2961.	0.8	6
36	Characteristics of recovered COVID-19 patients with recurrent positive RT-PCR findings in Wuhan, China: a retrospective study. <i>BMC Infectious Diseases</i> , 2020, 20, 749.	1.3	13

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37	Clinical manifestations and pathogen characteristics in children admitted for suspected COVID-19. <i>Frontiers of Medicine</i> , 2020, 14, 776-785.	1.5	9
38	Age differences in clinical features and outcomes in patients with COVID-19, Jiangsu, China: a retrospective, multicentre cohort study. <i>BMJ Open</i> , 2020, 10, e039887.	0.8	36
39	Development and Clinical Application of a Rapid and Sensitive Loop-Mediated Isothermal Amplification Test for SARS-CoV-2 Infection. <i>MSphere</i> , 2020, 5, .	1.3	54
40	The estimation of diagnostic accuracy of tests for COVID-19: A scoping review. <i>Journal of Infection</i> , 2020, 81, 681-697.	1.7	65
41	Chemoprophylaxis, diagnosis, treatments, and discharge management of COVID-19: An evidence-based clinical practice guideline (updated version). <i>Military Medical Research</i> , 2020, 7, 41.	1.9	56
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46	The Wide Spectrum of COVID-19 Clinical Presentation in Children. <i>Journal of Clinical Medicine</i> , 2020, 9, 2950.	1.0	28
47	The Epistemology of a Positive SARS-CoV-2 Test. <i>Acta Biotheoretica</i> , 2021, 69, 359-375.	0.7	8
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49	Infectious Diseases Society of America Guidelines on the Diagnosis of Coronavirus Disease 2019 (COVID-19): Serologic Testing. <i>Clinical Infectious Diseases</i> , 2020, , .	2.9	148
50	Establishing a high sensitivity detection method for SARS-CoV-2 IgM/IgG and developing a clinical application of this method. <i>Emerging Microbes and Infections</i> , 2020, 9, 2020-2029.	3.0	19
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53	Facing SARS-CoV-2 Pandemic at a COVID-19 Regional Children's Hospital in Italy. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e221-e225.	1.1	29
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55	The Limited Sensitivity of Chest Computed Tomography Relative to Reverse Transcription Polymerase Chain Reaction for Severe Acute Respiratory Syndrome Coronavirus-2 Infection. <i>Investigative Radiology</i> , 2020, 55, 754-761.	3.5	28
56	The Role of Imaging in the Management of Suspected or Known COVID-19 Pneumonia. A Multidisciplinary Perspective. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1358-1365.	1.5	12
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59	Coronavirus (SARS-CoV-2) Pandemic: Future Challenges for Dental Practitioners. <i>Microorganisms</i> , 2020, 8, 1704.	1.6	37
60	SARS-CoV-2 Cysteine-like Protease Antibodies Can Be Detected in Serum and Saliva of COVID-19 Seropositive Individuals. <i>Journal of Immunology</i> , 2020, 205, 3130-3140.	0.4	32
61	Diagnostic Tools for Coronavirus Disease (COVID-19): Comparing CT and RT-PCR Viral Nucleic Acid Testing. <i>American Journal of Roentgenology</i> , 2020, 215, 834-838.	1.0	103
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63	Reducing risks from coronavirus transmission in the home—the role of viral load. <i>BMJ, The</i> , 2020, 369, m1728.	3.0	48
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67	Nasopharyngeal and Oropharyngeal Swabs, And/Or Serology for SARS COVID-19: What Are We Looking For?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3289.	1.2	9
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69	How to increase the SARS-CoV-2 detection rate through the nasopharyngeal swab?. <i>Oral Oncology</i> , 2020, 106, 104802.	0.8	8
70	Molecular and Serological Assays for SARS-CoV-2: Insights from Genome and Clinical Characteristics. <i>Clinical Chemistry</i> , 2020, 66, 1030-1046.	1.5	29
71	A Comprehensive Updated Review on SARS-CoV-2 and COVID-19. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 954-975.	1.0	14
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75	Differences of Severe Acute Respiratory Syndrome Coronavirus 2 Shedding Duration in Sputum and Nasopharyngeal Swab Specimens Among Adult Inpatients With Coronavirus Disease 2019. <i>Chest</i> , 2020, 158, 1876-1884.	0.4	69
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77	COVID-19 paraclinical diagnostic tools: Updates and future trends. <i>Current Research in Translational Medicine</i> , 2020, 68, 83-91.	1.2	14
78	Infectious Diseases Society of America Guidelines on the Diagnosis of Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2020, , .	2.9	147
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80	A novel risk score to predict diagnosis with coronavirus disease 2019 (COVID-19) in suspected patients: A retrospective, multicenter, and observational study. <i>Journal of Medical Virology</i> , 2020, 92, 2709-2717.	2.5	30
81	Combination of serological total antibody and RT-PCR test for detection of SARS-COV-2 infections. <i>Journal of Virological Methods</i> , 2020, 283, 113919.	1.0	52
82	Laboratory diagnosis of emerging human coronavirus infections " the state of the art. <i>Emerging Microbes and Infections</i> , 2020, 9, 747-756.	3.0	612
83	Room-temperature-storable PCR mixes for SARS-CoV-2 detection. <i>Clinical Biochemistry</i> , 2020, 84, 73-78.	0.8	19
84	Antibody tests for identification of current and past infection with SARS-CoV-2. <i>The Cochrane Library</i> , 2020, 2020, CD013652.	1.5	664
85	Comparison of clinical and microbiological diagnoses for older adults with COVID-19 in Wuhan: a retrospective study. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1889-1895.	1.4	1
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88	Analysis of heart injury laboratory parameters in 273 COVID-19 patients in one hospital in Wuhan, China. <i>Journal of Medical Virology</i> , 2020, 92, 819-823.	2.5	191
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92	Characteristics of patients with coronavirus disease (COVID-19) confirmed using an IgM-IgG antibody test. <i>Journal of Medical Virology</i> , 2020, 92, 2004-2010.	2.5	154
94	COVIDiagnosis-Net: Deep Bayes-SqueezeNet based diagnosis of the coronavirus disease 2019 (COVID-19) from X-ray images. <i>Medical Hypotheses</i> , 2020, 140, 109761.	0.8	573
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96	Serological tests facilitate identification of asymptomatic SARS-CoV-2 infection in Wuhan, China. <i>Journal of Medical Virology</i> , 2020, 92, 1795-1796.	2.5	71
97	Coronavirus Outbreak: Is Radiology Ready? Mass Casualty Incident Planning. <i>Journal of the American College of Radiology</i> , 2020, 17, 724-729.	0.9	20
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100	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. <i>Nano-Micro Letters</i> , 2021, 13, 18.	14.4	157
101	Effect of pre-existing diseases on COVID-19 infection and role of new sensors and biomaterials for its detection and treatment. <i>Medical Devices &amp; Sensors</i> , 2021, 4, e10140.	2.7	5
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103	Distinguishing between COVID-19 and influenza during the early stages by measurement of peripheral blood parameters. <i>Journal of Medical Virology</i> , 2021, 93, 1029-1037.	2.5	32
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105	Detection profile of SARS-CoV-2 using RT-PCR in different types of clinical specimens: A systematic review and meta-analysis. <i>Journal of Medical Virology</i> , 2021, 93, 719-725.	2.5	178
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107	Analysis of the positive rate of 4254 cases of COVID-19 nucleic acid tests in different sites in Wuhan, China. <i>Journal of Medical Virology</i> , 2021, 93, 870-877.	2.5	2
108	Environmental virus detection associated with asymptomatic SARS-CoV-2-infected individuals with positive anal swabs. <i>Science of the Total Environment</i> , 2021, 753, 142289.	3.9	13
109	Accuracy of a nucleocapsid protein antigen rapid test in the diagnosis of SARS-CoV-2 infection. <i>Clinical Microbiology and Infection</i> , 2021, 27, 289.e1-289.e4.	2.8	147



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111	C4 article: Implications of COVID-19 in transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1801-1815.	2.6	15
112	Algorithms for testing COVID-19 focused on use of RT-PCR and high-affinity serological testing: A consensus statement from a panel of Latin American experts. <i>International Journal of Infectious Diseases</i> , 2021, 103, 260-267.	1.5	7
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114	COVID-19 and Solid Organ Transplantation: A Review Article. <i>Transplantation</i> , 2021, 105, 37-55.	0.5	241
115	CRISPR-Based Approaches for Efficient and Accurate Detection of SARS-CoV-2. <i>Laboratory Medicine</i> , 2021, 52, 116-121.	0.8	10
116	Sentiment analysis and its applications in fighting COVID-19 and infectious diseases: A systematic review. <i>Expert Systems With Applications</i> , 2021, 167, 114155.	4.4	209
117	Optimization of COVID-19 testing accuracy with nasal anatomy education. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102777.	0.6	15
118	Developments in biosensors for CoV detection and future trends. <i>Biosensors and Bioelectronics</i> , 2021, 173, 112777.	5.3	78
119	The value of theâ€™platelet count and platelet indices in differentiation of COVIDâ€™19 and influenza pneumonia. <i>Journal of Medical Virology</i> , 2021, 93, 2221-2226.	2.5	23
120	COVID-19 screening protocols for preoperative assessment of head and neck cancer patients candidate for elective surgery in the midst of the pandemic: A narrative review with comparison between two Italian institutions. <i>Oral Oncology</i> , 2021, 112, 105043.	0.8	9
121	Prospective Longitudinal Evaluation of Pointâ€™ofâ€™Care Lung Ultrasound in Critically Ill Patients With Severe COVID â€™19 Pneumonia. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 443-456.	0.8	40
122	Changes in serum virus-specific IgM/IgG antibody in asymptomatic and discharged patients with reoccurring positive COVID-19 nucleic acid test (RPNAT). <i>Annals of Medicine</i> , 2021, 53, 34-42.	1.5	13
123	Hydroxychloroquine for treatment of nonsevere COVIDâ€™19 patients: Systematic review and metaâ€™analysis of controlled clinical trials. <i>Journal of Medical Virology</i> , 2021, 93, 1265-1275.	2.5	13
124	Diagnostic approaches in COVID-19: clinical updates. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 197-212.	1.0	43
125	Diagnosis of COVID-19 Infection in Pregnancy. , 2021, , 39-62.		1
126	A Review of Novel Methods for Diagnosing COVID-19. <i>IFMBE Proceedings</i> , 2021, , 858-866.	0.2	0
127	Analysis of Covid-19 Impact on Gender (Male and Female) in South Asian Country Pakistan. <i>Lecture Notes in Networks and Systems</i> , 2021, , 925-937.	0.5	0



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128	Automated Methods for Detection and Classification Pneumonia Based on X-Ray Images Using Deep Learning. <i>Studies in Big Data</i> , 2021, , 257-284.	0.8	99
129	Evaluation of different respiratory samples and saliva for the detection of SARS-CoV-2 RNA. <i>Marmara Medical Journal</i> , 2021, 34, 51-56.	0.2	3
130	Characteristics of COVID-19 Patients Based on the Results of Nucleic Acid and Specific Antibodies and the Clinical Relevance of Antibody Levels. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 605862.	1.6	4
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132	A microfluidic-integrated lateral flow recombinase polymerase amplification (MI-IF-RPA) assay for rapid COVID-19 detection. <i>Lab on A Chip</i> , 2021, 21, 2019-2026.	3.1	101
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134	Prediction Models for COVID-19 Integrating Age Groups, Gender, and Underlying Conditions. <i>Computers, Materials and Continua</i> , 2021, 67, 3009-3044.	1.5	13
135	Demographic risk factors for COVID-19 infection, severity, ICU admission and death: a meta-analysis of 59 studies. <i>BMJ Open</i> , 2021, 11, e044640.	0.8	354
136	Seroprevalence and asymptomatic carrier status of SARS-CoV-2 in Wuhan City and other places of China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008975.	1.3	17
137	The Effect of Test Timing on the Probability of Positive SARS-CoV-2 Swab Test Results: Mixed Model Approach. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e27189.	1.2	3
138	Symptoms and Characteristics Which Require Attention During COVID-19 Screening at a Port of Entry. <i>Journal of Korean Medical Science</i> , 2021, 36, e14.	1.1	8
139	Tri-primer-enhanced strand exchange amplification combined with rapid lateral flow fluorescence immunoassay to detect SARS-CoV-2. <i>Analyst, The</i> , 2021, 146, 6650-6664.	1.7	4
141	Smart materials-integrated sensor technologies for COVID-19 diagnosis. <i>Emergent Materials</i> , 2021, 4, 169-185.	3.2	37
142	Detection of SARS-CoV-2 using real-time polymerase chain reaction in different clinical specimens: A critical review. <i>Allergologia Et Immunopathologia</i> , 2021, 49, 159-164.	1.0	11
143	Cancer surgery during the COVID-19 pandemic: The experience of a comprehensive cancer center performing preoperative screening by RT-PCR and chest CT scan. <i>Journal of Surgical Oncology</i> , 2021, 123, 815-822.	0.8	2
144	Diagnostics for SARS-CoV-2 infections. <i>Nature Materials</i> , 2021, 20, 593-605.	13.3	533
145	Aligner-Mediated Cleavage-Based Isothermal Amplification for SARS-CoV-2 RNA Detection. <i>ACS Applied Bio Materials</i> , 2021, 4, 3805-3810.	2.3	8
146	COVID-19 Antibody Tests and Their Limitations. <i>ACS Sensors</i> , 2021, 6, 593-612.	4.0	150

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147	Application of an optimized pharyngeal swab-assisted device in pharyngeal sampling for COVID-19 patients. <i>Annals of Translational Medicine</i> , 2021, 9, 319-319.	0.7	1
148	Current limitations to identify COVID-19 using artificial intelligence with chest X-ray imaging. <i>Health and Technology</i> , 2021, 11, 411-424.	2.1	61
149	The role of serum specific- SARS-CoV-2 antibody in COVID-19 patients. <i>International Immunopharmacology</i> , 2021, 91, 107325.	1.7	16
150	Outbreak of SARS-CoV-2: challenge for diagnosis and medical management in patients with left ventricular assist device: a case series. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa447.	0.3	2
151	SARS-CoV-2 RNA Detection with Duplex-Specific Nuclease Signal Amplification. <i>Micromachines</i> , 2021, 12, 197.	1.4	7
152	Towards a sensitive and accurate interpretation of molecular testing for SARS-CoV-2: a rapid review of 264 studies. <i>Eurosurveillance</i> , 2021, 26, .	3.9	5
153	COVID-19 Pandemic: Review of Contemporary and Forthcoming Detection Tools. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 1049-1082.	1.1	37
154	Shotgun transcriptome, spatial omics, and isothermal profiling of SARS-CoV-2 infection reveals unique host responses, viral diversification, and drug interactions. <i>Nature Communications</i> , 2021, 12, 1660.	5.8	132
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