

Interim Estimates of Vaccine Effectiveness of BNT162b2
Preventing SARS-CoV-2 Infection Among Health Care Personnel
Other Essential and Frontline Workers â€” Eight U.S. Locations

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An engineering model of the COVID-19 trajectory to predict the success of isolation initiatives. UCL Open Environment, 0, 2, .	0.0	0
2	A Systematic Review of Methodological Approaches for Evaluating Real-World Effectiveness of Covid-19 Vaccines: Advising Resource-Constrained Settings. SSRN Electronic Journal, 0, , .	0.4	0
3	Use of COVID-19 vaccines in patients with liver disease and post-liver transplantation: Position statement of the Saudi association for the study of liver diseases and transplantation. Saudi Journal of Gastroenterology, 2021, 27, 201.	0.5	5
4	Determining the Incidence of Asymptomatic SARS-CoV-2 Among Early Recipients of COVID-19 Vaccines (DISCOVER-COVID-19): A Prospective Cohort Study of Healthcare Workers Before, During and After Vaccination. Clinical Infectious Diseases, 2022, 74, 1275-1278.	2.9	23
5	One and a half years into the COVID-19 pandemic - exit strategies and efficacy of SARS- CoV-2 vaccines for holistic management and achieving global control. Turkish Journal of Medical Sciences, 2021, 51, 3157-3161.	0.4	6
6	Practical Mitigation Strategies for Countering the Spread of Aerosolized COVID-19 Virus (SARS-CoV-2) Using Ventilation and HEPA Air Purifiers: A Literature Review. Journal of Geoscience and Environment Protection, 2021, 09, 166-197.	0.2	2
12	Decline in SARS-CoV-2 Infections Among Health Care Workers at 2 Hospitals Following Rollout and Administration of mRNA Vaccines. Open Forum Infectious Diseases, 2021, 8, ofab204.	0.4	1
13	No country or continent is on its own in the ongoing COVID-19 pandemic. Eurosurveillance, 2021, 26, .	3.9	4
16	Postvaccination SARS-CoV-2 Infections Among Skilled Nursing Facility Residents and Staff Members â€” Chicago, Illinois, December 2020â€”March 2021. Morbidity and Mortality Weekly Report, 2021, 70, 632-638.	9.0	98
17	Seroprevalence of SARS-CoV-2 Antibodies in Adults and Healthcare Workers in Southern Italy. International Journal of Environmental Research and Public Health, 2021, 18, 4761.	1.2	17
20	Age-dependent Immune Response to the Biontech/Pfizer BNT162b2 Coronavirus Disease 2019 Vaccination. Clinical Infectious Diseases, 2021, 73, 2065-2072.	2.9	409
22	Informing COVID-19 vaccination priorities based on the prevalence of risk factors among adults in Canada. Cmaj, 2021, 193, E617-E621.	0.9	9
31	Population immunity and vaccine protection against infection. Lancet, The, 2021, 397, 1685-1687.	6.3	28
32	Lives and Costs Saved by Expanding and Expediting Coronavirus Disease 2019 Vaccination. Journal of Infectious Diseases, 2021, 224, 938-948.	1.9	32
38	Indirect Protection by Reducing Transmission: Ending the Pandemic With Severe Acute Respiratory Syndrome Coronavirus 2 Vaccination. Open Forum Infectious Diseases, 2022, 9, .	0.4	38
40	COVID-19 Vaccine Breakthrough Infections Reported to CDC â€” United States, January 1â€”April 30, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 792-793.	9.0	350
42	The front-line during the coronavirus disease 2019 pandemic. Current Opinion in Infectious Diseases, 2021, Publish Ahead of Print, 372-383.	1.3	0
44	Interim Estimates of Vaccine Effectiveness of Pfizer-BioNTech and Moderna COVID-19 Vaccines Among Health Care Personnel â€” 33 U.S. Sites, Januaryâ€”March 2021. Morbidity and Mortality Weekly Report, 2021, 70, 753-758.	9.0	165

#	ARTICLE	IF	CITATIONS
45	Herd immunity is an important and often misunderstood public health phenomenon. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	43
46	Effectiveness of COVID-19 vaccines in preventing SARS-CoV-2 infection and hospitalisation, Navarre, Spain, January to April 2021. Eurosurveillance, 2021, 26, .	3.9	55
47	COVID-19 Vaccinated Individuals Can Be a Source of SARS-CoV-2 Transmission—A Systematic Review. Hygiene, 2021, 1, 1-11.	0.5	1
49	SARS-CoV-2 infection after two doses of mRNA vaccine in renal transplant recipients. Transplant Infectious Disease, 2021, 23, e13628.	0.7	12
50	The BNT162b2 vaccine is associated with lower new COVID-19 cases in nursing home residents and staff. Journal of the American Geriatrics Society, 2021, 69, 2079-2089.	1.3	25
53	Rapid vaccination and partial lockdown minimize 4th waves from emerging highly contagious SARS-CoV-2 variants. Med, 2021, 2, 573-574.	2.2	7
58	Public health impact of delaying second dose of BNT162b2 or mRNA-1273 covid-19 vaccine: simulation agent based modeling study. BMJ, The, 2021, 373, n1087.	3.0	59
59	COVID-19 one year into the pandemic: from genetics and genomics to therapy, vaccination, and policy. Human Genomics, 2021, 15, 27.	1.4	39
60	The Combined Effect of Vaccination and Nonpharmaceutical Public Health Interventions—Ending the COVID-19 Pandemic. JAMA Network Open, 2021, 4, e2111675.	2.8	41
61	Post-Vaccination Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infections and Incidence of the Presumptive B.1.427/B.1.429 Variant Among Healthcare Personnel at a Northern California Academic Medical Center. Clinical Infectious Diseases, 2022, 74, 821-828.	2.9	47
64	BNT162b2 Vaccine Effectiveness in Preventing Asymptomatic Infection With SARS-CoV-2 Virus: A Nationwide Historical Cohort Study. Open Forum Infectious Diseases, 2021, 8, ofab262.	0.4	22
65	The Immunopathobiology of SARS-CoV-2 Infection. FEMS Microbiology Reviews, 2021, 45, .	3.9	9
66	Mandatory vaccination support and intentions to get vaccinated for COVID-19: Results from a nationally representative general population survey in October 2020 in Greece. Journal of Evaluation in Clinical Practice, 2021, 27, 996-1003.	0.9	24
67	Coronavirus disease 2019 (COVID-19) mRNA vaccine effectiveness in asymptomatic healthcare workers. Infection Control and Hospital Epidemiology, 2021, , 1-2.	1.0	7
69	SARS-CoV-2 Portrayed against HIV: Contrary Viral Strategies in Similar Disguise. Microorganisms, 2021, 9, 1389.	1.6	4
70	Postvaccination SARS-CoV-2 infections among skilled nursing facility residents and staff members—Chicago, Illinois, December 2020—March 2021. American Journal of Transplantation, 2021, 21, 2290-2297.	2.6	35
71	The Risk of Allergic Reaction to SARS-CoV-2 Vaccines and Recommended Evaluation and Management: A Systematic Review, Meta-Analysis, GRADE Assessment, and International Consensus Approach. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3546-3567.	2.0	152
72	Incidence of SARS-CoV-2 Infection in Health Care Workers After a Single Dose of mRNA-1273 Vaccine. JAMA Network Open, 2021, 4, e2116416.	2.8	9

#	ARTICLE	IF	CITATIONS
73	The Vaccine Boost: An Analysis of the Impact of the COVID-19 Vaccine Rollout on Measures of Activity. FEDS Notes, 2021, 2021, .	0.4	1
74	Coronavirus disease 2019 vaccination in transplant recipients. Current Opinion in Infectious Diseases, 2021, 34, 275-287.	1.3	15
75	SARS-CoV-2 new infections among health-care workers after the first dose of the BNT162b2 mRNA COVID-19 vaccine. A hospital-wide cohort study. Clinical Microbiology and Infection, 2021, 27, 1699.e1-1699.e4.	2.8	10
76	Coordinate Induction of Humoral and Spike Specific T-Cell Response in a Cohort of Italian Health Care Workers Receiving BNT162b2 mRNA Vaccine. Microorganisms, 2021, 9, 1315.	1.6	54
77	Assessing a Rare and Serious Adverse Event Following Administration of the Ad26.COVS.S Vaccine. JAMA - Journal of the American Medical Association, 2021, 325, 2445.	3.8	20
78	Mathematical Modeling to Inform Vaccination Strategies and Testing Approaches for Coronavirus Disease 2019 (COVID-19) in Nursing Homes. Clinical Infectious Diseases, 2022, 74, 597-603.	2.9	29
80	Emerging issues related to COVID-19 vaccination in patients with cancer. Oncology and Therapy, 2021, , 1-11.	1.0	15
82	Vaccine Effects on Susceptibility and Symptomatology Can Change the Optimal Allocation of COVID-19 Vaccines: South Korea as an Example. Journal of Clinical Medicine, 2021, 10, 2813.	1.0	4
83	O uso de Lopinavir e Ritonavir como alternativa terapêutica para a COVID-19. Research, Society and Development, 2021, 10, e43410716505.	0.0	1
85	Impact of vaccination on new SARS-CoV-2 infections in the United Kingdom. Nature Medicine, 2021, 27, 1370-1378.	15.2	260
86	Covid-19, equity, and inclusiveness. BMJ, The, 2021, 373, n1631.	3.0	11
89	Switching vaccination among target groups to achieve improved long-lasting benefits. Royal Society Open Science, 2021, 8, 210292.	1.1	10
90	What should define a SARS-CoV-2 "breakthrough" infection?. Journal of Clinical Investigation, 2021, 131, .	3.9	18
93	SARS-CoV-2 vaccines: Lights and shadows. European Journal of Internal Medicine, 2021, 88, 1-8.	1.0	90
94	Interpreting vaccine efficacy trial results for infection and transmission. Vaccine, 2021, 39, 4082-4088.	1.7	55
96	Quality of and Recommendations for Relevant Clinical Practice Guidelines for COVID-19 Management: A Systematic Review and Critical Appraisal. Frontiers in Medicine, 2021, 8, 630765.	1.2	7
97	COVID-19 vaccine efficacy data: solid enough to delay second dose? " Authors' reply. Lancet, The, 2021, 397, 2249-2250.	6.3	0
98	Comprehensive Understanding and Field Application of COVID-19 Vaccine. Korean Journal of Medicine, 2021, 96, 155-159.	0.1	8

#	ARTICLE	IF	CITATIONS
100	Interim Estimates of COVID-19 Vaccine Effectiveness in a Mass Vaccination Setting: Data from an Italian Province. <i>Vaccines</i> , 2021, 9, 628.	2.1	42
104	Prioritizing the First Doses of SARS-CoV-2 Vaccine to Save the Elderly: The Case Study of Italy. <i>Frontiers in Public Health</i> , 2021, 9, 684760.	1.3	1
105	Vaccine passports and health disparities: a perilous journey. <i>Journal of Medical Ethics</i> , 2022, 48, 957-960.	1.0	16
106	High coverage COVID-19 mRNA vaccination rapidly controls SARS-CoV-2 transmission in long-term care facilities. <i>Communications Medicine</i> , 2021, 1, .	1.9	16
109	Efficacy and effectiveness of COVID-19 vaccines against SARS-CoV-2 infection: interim results of a living systematic review, 1 January to 14 May 2021. <i>Eurosurveillance</i> , 2021, 26, .	3.9	84
112	Covid-19 Vaccine Benefits and Concerns: Nigerian Perspectives. <i>Journal of Clinical and Medical Research</i> , 0, , .	0.0	0
113	COVID-19 vaccines and decreased transmission of SARS-CoV-2. <i>Inflammopharmacology</i> , 2021, 29, 1357-1360.	1.9	100
114	SARS-CoV-2 vaccine effectiveness trumps immunogenicity in solid organ transplant recipients. <i>American Journal of Transplantation</i> , 2021, 21, 4105.	2.6	3
116	Safety, Immunogenicity, and Efficacy of the BNT162b2 Covid-19 Vaccine in Adolescents. <i>New England Journal of Medicine</i> , 2021, 385, 239-250.	13.9	709
117	Targeting Viral Surface Proteins through Structure-Based Design. <i>Viruses</i> , 2021, 13, 1320.	1.5	10
119	Infection control, occupational and public health measures including mRNA-based vaccination against SARS-CoV-2 infections to protect healthcare workers from variants of concern: A 14-month observational study using surveillance data. <i>PLoS ONE</i> , 2021, 16, e0254920.	1.1	29
120	More on SARS-CoV-2 Infection after Vaccination in Health Care Workers. <i>New England Journal of Medicine</i> , 2021, 385, e8.	13.9	3
121	Effectiveness of BNT162b2 COVID-19 Vaccine in Preventing Severe Symptomatic Infection among Healthcare Workers. <i>Medicina (Lithuania)</i> , 2021, 57, 746.	0.8	8
122	Prevention of Coronavirus Disease 2019 (COVID-19) by mRNA-Based Vaccines Within the General Population of California. <i>Clinical Infectious Diseases</i> , 2022, 74, 1382-1389.	2.9	48
123	Optimal allocation of limited vaccine to control an infectious disease: Simple analytical conditions. <i>Mathematical Biosciences</i> , 2021, 337, 108621.	0.9	24
125	Analysis of Delayed Vaccination Regimens: A Mathematical Modeling Approach. <i>Epidemiologia</i> , 2021, 2, 271-293.	1.1	13
126	Effectiveness of COVID-19 vaccines: findings from real world studies. <i>Medical Journal of Australia</i> , 2021, 215, 149.	0.8	56
127	COVID-19 Vaccine in Pregnant and Lactating Women: A Review of Existing Evidence and Practice Guidelines. <i>Infectious Disease Reports</i> , 2021, 13, 685-699.	1.5	72

#	ARTICLE	IF	CITATIONS
128	The success of SARS-CoV-2 vaccines and challenges ahead. <i>Cell Host and Microbe</i> , 2021, 29, 1111-1123.	5.1	67
129	COVID-19 vaccines and thrombosis with thrombocytopenia syndrome. <i>Expert Review of Vaccines</i> , 2021, 20, 1027-1035.	2.0	24
131	COVID-19: Unmasking Emerging SARS-CoV-2 Variants, Vaccines and Therapeutic Strategies. <i>Biomolecules</i> , 2021, 11, 993.	1.8	136
132	Effectiveness of mRNA-BNT162b2, mRNA-1273, and ChAdOx1 nCoV-19 vaccines against COVID-19 in healthcare workers: an observational study using surveillance data. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1699.e5-1699.e8.	2.8	46
134	Effectiveness of the BNT162b2 Covid-19 Vaccine against the B.1.1.7 and B.1.351 Variants. <i>New England Journal of Medicine</i> , 2021, 385, 187-189.	13.9	882
135	Real-world impact of vaccination on COVID-19 incidence in health care personnel at an academic medical center. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-21.	1.0	6
137	Beyond the new normal: Assessing the feasibility of vaccine-based suppression of SARS-CoV-2. <i>PLoS ONE</i> , 2021, 16, e0254734.	1.1	12
138	Lymphadenopathy after the Anti-COVID-19 Vaccine: Multiparametric Ultrasound Findings. <i>Biology</i> , 2021, 10, 652.	1.3	29
139	Immunological mechanisms of vaccine-induced protection against COVID-19 in humans. <i>Nature Reviews Immunology</i> , 2021, 21, 475-484.	10.6	434
141	Prevention and Attenuation of Covid-19 with the BNT162b2 and mRNA-1273 Vaccines. <i>New England Journal of Medicine</i> , 2021, 385, 320-329.	13.9	394
142	Correlates of intended COVID-19 vaccine acceptance across time and countries: results from a series of cross-sectional surveys. <i>BMJ Open</i> , 2021, 11, e048025.	0.8	76
144	Single-dose immunisation with a multimerised SARS-CoV-2 receptor binding domain (RBD) induces an enhanced and protective response in mice. <i>FEBS Letters</i> , 2021, 595, 2323-2340.	1.3	24
145	Pediatric Intensive Care Hybrid-Style Clinical Round During COVID-19 Pandemic: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2021, 9, 720203.	0.9	7
146	Lack of effects on female fertility and prenatal and postnatal offspring development in rats with BNT162b2, a mRNA-based COVID-19 vaccine. <i>Reproductive Toxicology</i> , 2021, 103, 28-35.	1.3	50
147	Effectiveness of Covid-19 Vaccines against the B.1.617.2 (Delta) Variant. <i>New England Journal of Medicine</i> , 2021, 385, 585-594.	13.9	2,411
148	Nonpharmaceutical Interventions Remain Essential to Reducing Coronavirus Disease 2019 Burden Even in a Well-Vaccinated Society: A Modeling Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab415.	0.4	6
149	Accelerated COVID-19 vaccine development: milestones, lessons, and prospects. <i>Immunity</i> , 2021, 54, 1636-1651.	6.6	165
151	COVID-19: a 21st century cataclysmic pandemic. <i>Sleep Medicine</i> , 2022, 91, 151-153.	0.8	2

#	ARTICLE	IF	CITATIONS
152	Potential Benefits of Expanded COVID-19 Surveillance in the US. JAMA - Journal of the American Medical Association, 2021, 326, 381.	3.8	6
153	Supervised Machine Learning Approach to Identify Early Predictors of Poor Outcome in Patients with COVID-19 Presenting to a Large Quaternary Care Hospital in New York City. Journal of Clinical Medicine, 2021, 10, 3523.	1.0	2
155	A Modeling Study on Vaccination and Spread of SARS-CoV-2 Variants in Italy. Vaccines, 2021, 9, 915.	2.1	10
156	Significance of SARS-CoV-2 specific antibody testing during COVID-19 vaccine allocation. Vaccine, 2021, 39, 5055-5063.	1.7	21
157	Effectiveness of Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccines for Preventing Coronavirus Disease 2019 Hospitalizations in the United States. Clinical Infectious Diseases, 2022, 74, 1515-1524.	2.9	144
158	Progress of the COVID-19 vaccine effort: viruses, vaccines and variants versus efficacy, effectiveness and escape. Nature Reviews Immunology, 2021, 21, 626-636.	10.6	777
160	Incidence, Clinical Characteristics, and Risk Factors of SARS-CoV-2 Infection among Pregnant Individuals in the United States. Clinical Infectious Diseases, 2021, , .	2.9	19
162	Outbreak of SARS-CoV-2 B.1.1.7 Lineage after Vaccination in Long-Term Care Facility, Germany, Februaryâ€“March 2021. Emerging Infectious Diseases, 2021, 27, 2169-2173.	2.0	17
163	Effectiveness of COVID-19 Vaccines in Preventing SARS-CoV-2 Infection Among Frontline Workers Before and During B.1.617.2 (Delta) Variant Predominance â€” Eight U.S. Locations, December 2020â€“August 2021. Morbidity and Mortality Weekly Report, 2021, 70, 1167-1169.	9.0	261
164	Current COVID-19 vaccine trials in high-income countries: are placebo-controlled trials ethical?. Clinical Microbiology and Infection, 2021, 27, 1565-1567.	2.8	11
166	A modelling study investigating short and medium-term challenges for COVID-19 vaccination: From prioritisation to the relaxation of measures. EClinicalMedicine, 2021, 38, 101001.	3.2	45
167	mRNA vaccines for infectious diseases: principles, delivery and clinical translation. Nature Reviews Drug Discovery, 2021, 20, 817-838.	21.5	577
169	Estimating Vaccine Efficacy Against Transmission via Effect on Viral Load. Epidemiology, 2021, 32, 820-828.	1.2	9
170	Safety, reactogenicity, and immunogenicity of homologous and heterologous prime-boost immunisation with ChAdOx1 nCoV-19 and BNT162b2: a prospective cohort study. Lancet Respiratory Medicine, the, 2021, 9, 1255-1265.	5.2	279
171	Effectiveness of BNT162b2 and mRNA-1273 covid-19 vaccines against symptomatic SARS-CoV-2 infection and severe covid-19 outcomes in Ontario, Canada: test negative design study. BMJ, The, 2021, 374, n1943.	3.0	245
175	Messenger RNA Vaccine Effectiveness Against Coronavirus Disease 2019 Among Symptomatic Outpatients Aged â‰¥16 Years in the United States, Februaryâ€“May 2021. Journal of Infectious Diseases, 2021, , .	1.9	3
178	Effectiveness of an Inactivated SARS-CoV-2 Vaccine in Chile. New England Journal of Medicine, 2021, 385, 875-884.	13.9	675
179	Can nudges save lives?. Japanese Economic Review, 2022, 73, 245-268.	0.8	4

#	ARTICLE	IF	CITATIONS
181	The temporal course of T- and B-cell-responses to vaccination with BNT162b2 and mRNA-1273. <i>Clinical Microbiology and Infection</i> , 2021, , .	2.8	22
184	Infections, hospitalisations, and deaths averted via a nationwide vaccination campaign using the Pfizerâ€“BioNTech BNT162b2 mRNA COVID-19 vaccine in Israel: a retrospective surveillance study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 357-366.	4.6	79
185	Philadelphia-Negative Chronic Myeloproliferative Neoplasms during the COVID-19 Pandemic: Challenges and Future Scenarios. <i>Cancers</i> , 2021, 13, 4750.	1.7	8
186	SARS-CoV-2 mRNA Vaccines Elicit Different Responses in Immunologically Naïve and Pre-Immune Humans. <i>Frontiers in Immunology</i> , 2021, 12, 728021.	2.2	20
187	Effectiveness of an Inactivated SARS-CoV-2 Vaccine. <i>New England Journal of Medicine</i> , 2021, 385, 1336-1339.	13.9	8
188	Vaccines for COVID-19: Where do we stand in 2021?. <i>Paediatric Respiratory Reviews</i> , 2021, 39, 22-31.	1.2	53
189	Effectiveness of mRNA Covid-19 Vaccine among U.S. Health Care Personnel. <i>New England Journal of Medicine</i> , 2021, 385, e90.	13.9	209
190	Shooting at a Moving Targetâ€“Effectiveness and Emerging Challenges for SARS-CoV-2 Vaccine Development. <i>Vaccines</i> , 2021, 9, 1052.	2.1	22
191	Highly Specific Memory B Cells Generation after the 2nd Dose of BNT162b2 Vaccine Compensate for the Decline of Serum Antibodies and Absence of Mucosal IgA. <i>Cells</i> , 2021, 10, 2541.	1.8	61
192	Assessment of Allergic and Anaphylactic Reactions to mRNA COVID-19 Vaccines With Confirmatory Testing in a US Regional Health System. <i>JAMA Network Open</i> , 2021, 4, e2125524.	2.8	103
193	Breakthrough Infections with Multiple Lineages of SARS-CoV-2 Variants Reveals Continued Risk of Severe Disease in Immunosuppressed Patients. <i>Viruses</i> , 2021, 13, 1743.	1.5	15
194	Characteristics and management of asymptomatic SARS-CoV-2 infections. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, .	0.7	4
195	Effectiveness of Covid-19 Vaccines in Ambulatory and Inpatient Care Settings. <i>New England Journal of Medicine</i> , 2021, 385, 1355-1371.	13.9	353
196	Walking the Tightrope: Reevaluating science communication in the era of COVID-19 vaccines. <i>Vaccine</i> , 2021, 39, 5453-5455.	1.7	15
197	Coronavirus Disease 2019 Vaccine Impact on Rates of Severe Acute Respiratory Syndrome Coronavirus 2 Cases and Postvaccination Strain Sequences Among Health Care Workers at an Urban Academic Medical Center: A Prospective Cohort Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab465.	0.4	38
198	Population science with individual-level data make for better policies. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 942-943.	5.2	1
199	Relaxing restrictions at the pace of vaccination increases freedom and guards against further COVID-19 waves. <i>PLoS Computational Biology</i> , 2021, 17, e1009288.	1.5	47
202	Model-driven mitigation measures for reopening schools during the COVID-19 pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	37

#	ARTICLE	IF	CITATIONS
204	AGA Rapid Review and Guideline for SARS-CoV2 Testing and Endoscopy Post-Vaccination: 2021 Update. <i>Gastroenterology</i> , 2021, 161, 1011-1029.e11.	0.6	29
205	A look into the future of the COVID-19 pandemic in Europe: an expert consultation. <i>Lancet Regional Health - Europe</i> , The, 2021, 8, 100185.	3.0	72
209	Dominance of Alpha and Iota variants in SARS-CoV-2 vaccine breakthrough infections in New York City. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	44
210	A Systematic Review of the Protective Effect of Prior SARS-CoV-2 Infection on Repeat Infection. <i>Evaluation and the Health Professions</i> , 2021, 44, 327-332.	0.9	79
211	Efficacy of the mRNA-1273 SARS-CoV-2 Vaccine at Completion of Blinded Phase. <i>New England Journal of Medicine</i> , 2021, 385, 1774-1785.	13.9	402
213	SARS-CoV-2 (Covid-19) vaccines structure, mechanisms and effectiveness: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 740-750.	3.6	83
215	Introduction of the BNT162b2 vaccine during a COVID-19 nursing home outbreak. <i>American Journal of Infection Control</i> , 2021, 49, 1237-1241.	1.1	4
216	Assessment of Simulated Surveillance Testing and Quarantine in a SARS-CoV-2â€“Vaccinated Population of Students on a University Campus. <i>JAMA Health Forum</i> , 2021, 2, e213035.	1.0	4
217	The BNT162b2 vaccine effectiveness against new COVID-19 cases and complications of breakthrough cases: A nation-wide retrospective longitudinal multiple cohort analysis using individualised data. <i>EBioMedicine</i> , 2021, 72, 103574.	2.7	48
218	Post COVID-19 HVAC System for Sustainable Virus Free Clean Air. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
219	Self-Testing as an Invaluable Tool in Fighting the COVID-19 Pandemic. <i>Journal of Primary Care and Community Health</i> , 2021, 12, 215013272110477.	1.0	44
220	Discrete Immune Response Signature to SARS-CoV-2 mRNA Vaccination Versus Infection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
221	Could Vaccine Dose Stretching Reduce COVID-19 Deaths?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
222	Real-World Effectiveness of the mRNA-1273 Vaccine Against COVID-19: Interim Results from a Prospective Observational Cohort Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	22
225	SABCoM: A Spatial Agent-Based COVID-19 Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
226	The short-term effectiveness of coronavirus disease 2019 (COVID-19) vaccines among healthcare workers: a systematic literature review and meta-analysis. <i>Antimicrobial Stewardship & Healthcare Epidemiology</i> , 2021, 1, .	0.2	4
227	Research on the Epidemiology of SARS-CoV-2 in Essential Response Personnel (RECOVER): Protocol for a Multisite Longitudinal Cohort Study. <i>JMIR Research Protocols</i> , 2021, 10, e31574.	0.5	17
229	Increased risk for COVID-19 breakthrough infection in fully vaccinated patients with substance use disorders in the United States between December 2020 and August 2021. <i>World Psychiatry</i> , 2022, 21, 124-132.	4.8	105

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230	SARS-CoV-2 Infection in Fully Vaccinated Individuals of Old Age Strongly Boosts the Humoral Immune Response. <i>Frontiers in Medicine</i> , 2021, 8, 746644.	1.2	8
231	Comparing COVID-19 vaccines for their characteristics, efficacy and effectiveness against SARS-CoV-2 and variants of concern: a narrative review. <i>Clinical Microbiology and Infection</i> , 2022, 28, 202-221.	2.8	569
232	Development of an IgG-Fc fusion COVID-19 subunit vaccine, AKS-452. <i>Vaccine</i> , 2021, 39, 6601-6613.	1.7	19
233	Actions and attitudes on the immunized patients against SARS-CoV-2. <i>Revista Espanola De Quimioterapia</i> , 2021, , .	0.5	3
234	The SARS-CoV-2 pandemic: remaining uncertainties in our understanding of the epidemiology and transmission dynamics of the virus, and challenges to be overcome. <i>Interface Focus</i> , 2021, 11, 20210008.	1.5	24
235	Effectiveness of heterologous ChAdOx1 nCoV-19 and mRNA prime-boost vaccination against symptomatic Covid-19 infection in Sweden: A nationwide cohort study. <i>Lancet Regional Health - Europe</i> , The, 2021, 11, 100249.	3.0	115
236	Coverage and Estimated Effectiveness of mRNA COVID-19 Vaccines Among US Veterans. <i>JAMA Network Open</i> , 2021, 4, e2128391.	2.8	44
237	SARS-CoV-2 vaccine breakthrough infections with the alpha variant are asymptomatic or mildly symptomatic among health care workers. <i>Nature Communications</i> , 2021, 12, 6032.	5.8	55
238	Low case numbers enable long-term stable pandemic control without lockdowns. <i>Science Advances</i> , 2021, 7, eabg2243.	4.7	25
239	COVID-19 Vaccine Platforms: Challenges and Safety Contemplations. <i>Vaccines</i> , 2021, 9, 1196.	2.1	15
240	Emerging SARS-CoV-2 Variants: A Review of Its Mutations, Its Implications and Vaccine Efficacy. <i>Vaccines</i> , 2021, 9, 1195.	2.1	90
241	Vaccination of older adults: Influenza, pneumococcal disease, herpes zoster, COVID-19 and beyond. <i>Immunity and Ageing</i> , 2021, 18, 38.	1.8	20
242	Comparative characteristics of COVID-19 vaccines used for mass immunisation. <i>BIOpreparations Prevention Diagnosis Treatment</i> , 2021, 21, 158-166.	0.2	6
243	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e008396.	0.9	21
244	Manifesto on the Value of Adult Immunization: "We Know, We Intend, We Advocate". <i>Vaccines</i> , 2021, 9, 1232.	2.1	8
245	Deep Learning Based Early Detection Framework for Preliminary Diagnosis of COVID-19 via Onboard Smartphone Sensors. <i>Sensors</i> , 2021, 21, 6853.	2.1	12
247	SARS-CoV-2 infection long time after full vaccination is related to a lack of neutralizing antibodies. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 102, 115565.	0.8	2
248	Early clinical trial data and real-world assessment of COVID-19 vaccines: Insights from the Society of Infectious Diseases Pharmacists. <i>Pharmacotherapy</i> , 2021, 41, 837-850.	1.2	6

#	ARTICLE	IF	CITATIONS
249	Effectiveness of BNT162b2 mRNA Coronavirus Disease 2019 (COVID-19) Vaccine Against Acquisition of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Among Healthcare Workers in Long-Term Care Facilities: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2022, 75, e755-e763.	2.9	18
250	Effectiveness of mRNA BNT162b2 COVID-19 vaccine up to 6 months in a large integrated health system in the USA: a retrospective cohort study. <i>Lancet, The</i> , 2021, 398, 1407-1416.	6.3	978
251	COVID-19 Vaccine Effectiveness in a Diverse Urban Health Care Worker Population. <i>Mayo Clinic Proceedings</i> , 2021, 96, 3180-3182.	1.4	2
252	Clinical and Genomic Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS) Tj ETQq1 1 0.784314 rgBT /Overl... <i>Diseases</i> , 2022, 75, e774-e782.	2.9	5
253	Effect of Delta variant on viral burden and vaccine effectiveness against new SARS-CoV-2 infections in the UK. <i>Nature Medicine</i> , 2021, 27, 2127-2135.	15.2	450
254	Sex and Gender in COVID-19 Vaccine Research: Substantial Evidence Gaps Remain. <i>Frontiers in Global Women S Health</i> , 2021, 2, 761511.	1.1	52
255	SARS-CoV-2 immunity and an overview of the COVID-19 vaccines. <i>Medicinski Podmladak</i> , 2021, 72, 20-29.	0.2	3
256	Vaccine and COVID-19 Trajectories. <i>Socius</i> , 2021, 7, 237802312110529.	1.1	5
257	Modelling the impact of social distancing and targeted vaccination on the spread of COVID-19 through a real city-scale contact network. <i>Journal of Complex Networks</i> , 2021, 9, cnab042.	1.1	8
258	SARS-CoV-2 vaccine protection and deaths among US veterans during 2021. <i>Science</i> , 2022, 375, 331-336.	6.0	202
261	Symptom monitoring after coronavirus disease 2019 (COVID-19) vaccination in a large integrated healthcare system: Separating symptoms from severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-8.	1.0	3
262	Negative effect of the second dose of the BNT162b2 vaccine in a significant percentage of individuals with previous COVID infection. <i>International Journal of Infectious Diseases</i> , 2021, 114, 85-87.	1.5	0
263	COVID-19 vaccine effectiveness among the staff of the Bologna Health Trust, Italy, December 2020-April 2021. <i>Acta Biomedica</i> , 2021, 92, e2021270.	0.2	0
264	Revisiting COVID-19 policies: 10 evidence-based recommendations for where to go from here. <i>BMC Public Health</i> , 2021, 21, 2084.	1.2	30
266	Vaccines and Vaccination Strategies for Older Adults. <i>Healthy Ageing and Longevity</i> , 2022, , 119-164.	0.2	1
267	Model-based assessment of SARS-CoV-2 Delta variant transmission dynamics within partially vaccinated K-12 school populations. <i>The Lancet Regional Health Americas</i> , 2022, 5, 100133.	1.5	11
269	Evaluation of the United States COVID-19 vaccine allocation strategy. <i>PLoS ONE</i> , 2021, 16, e0259700.	1.1	22
270	Predictors for Actual COVID-19 Vaccine Uptake and Intended Booster Dosage among Medical Students of an Osteopathic Medical School in New York. <i>Epidemiologia</i> , 2021, 2, 553-563.	1.1	12

#	ARTICLE	IF	CITATIONS
271	Real-world effectiveness of the mRNA-1273 vaccine against COVID-19: Interim results from a prospective observational cohort study. <i>The Lancet Regional Health Americas</i> , 2022, 6, 100134.	1.5	54
272	Counting on COVID-19 Vaccine: Insights into the Current Strategies, Progress and Future Challenges. <i>Biomedicine</i> , 2021, 9, 1740.	1.4	16
274	Humoral- and T-Cell-Specific Immune Responses to SARS-CoV-2 mRNA Vaccination in Patients With MS Using Different Disease-Modifying Therapies. <i>Neurology</i> , 2022, 98, .	1.5	125
275	Real-World Effectiveness and Immunogenicity of BNT162b2 and mRNA-1273 SARS-CoV-2 Vaccines in Patients on Hemodialysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 49-57.	3.0	44
276	Nationwide effectiveness of five SARS-CoV-2 vaccines in Hungary—the HUN-VE study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 398-404.	2.8	90
278	Race-ethnicity and COVID-19 Vaccination Beliefs and Intentions: A Cross-Sectional Study among the General Population in the San Francisco Bay Area. <i>Vaccines</i> , 2021, 9, 1406.	2.1	6
279	Safety and Immunogenicity Analysis of a Newcastle Disease Virus (NDV-HXP-S) Expressing the Spike Protein of SARS-CoV-2 in Sprague Dawley Rats. <i>Frontiers in Immunology</i> , 2021, 12, 791764.	2.2	14
280	Clinical Phenotype and Contagiousness of Early Breakthrough SARS-CoV-2 Infections after BNT162b2 COVID-19 mRNA Vaccine: A Parallel Cohort Study in Healthcare Workers. <i>Vaccines</i> , 2021, 9, 1377.	2.1	6
281	One Year of COVID-19 mRNA Vaccines: Incredible Progress and Unfinished Business. <i>Clinical Therapeutics</i> , 2021, 43, 2041-2043.	1.1	3
282	Incidence of Myopericarditis and Myocardial Injury in Coronavirus Disease 2019 Vaccinated Subjects. <i>American Journal of Cardiology</i> , 2022, 164, 123-130.	0.7	18
284	Comparative Effectiveness of BNT162b2 and mRNA-1273 Vaccines in U.S. Veterans. <i>New England Journal of Medicine</i> , 2022, 386, 105-115.	13.9	182
285	COVID-19 Vaccine Rollouts and the Reproduction of Urban Spatial Inequality: Disparities Within Large U.S. Cities in March and April 2021 by Racial/Ethnic and Socioeconomic Composition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
287	Evaluation of protection by COVID-19 vaccines after deployment in low and lower-middle income countries. <i>EClinicalMedicine</i> , 2022, 43, 101253.	3.2	10
288	Comparison of Moderna Versus Pfizer-Biontech COVID-19 Vaccine Outcomes: A Target Trial Emulation Study In the U.S. Veterans Affairs Healthcare System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
289	Neutralizing Activity and SARS-CoV-2 Vaccine mRNA Persistence in Serum and Breastmilk After BNT162b2 Vaccination in Lactating Women. <i>Frontiers in Immunology</i> , 2021, 12, 783975.	2.2	29
290	Pfizer-BioNTech and Oxford AstraZeneca COVID-19 vaccine effectiveness and immune response amongst individuals in clinical risk groups. <i>Journal of Infection</i> , 2022, 84, 675-683.	1.7	87
291	Vaccination and Quarantine Effect on COVID-19 Transmission Dynamics Incorporating Chinese-Spring-Festival Travel Rush: Modeling and Simulations. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 30.	0.9	22
292	A behavioural modelling approach to assess the impact of COVID-19 vaccine hesitancy. <i>Journal of Theoretical Biology</i> , 2022, 534, 110973.	0.8	25

#	ARTICLE	IF	CITATIONS
293	Reduced COVID-19 hospitalizations among New York City residents following age-based SARS-CoV-2 vaccine eligibility: Evidence from a regression discontinuity design. <i>Vaccine: X</i> , 2022, 10, 100134.	0.9	7
294	Phase I Interim Results of a Phase I/II Study of the IgG-Fc Fusion COVID-19 Subunit Vaccine, AKS-452. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
295	Projeto S: A Stepped-Wedge Randomized Trial to Assess CoronaVac Effectiveness in Serrana, Brazil. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
296	COVID-19 Vaccination Uptake and Hesitancy Among Current Tobacco Users. <i>Tobacco Use Insights</i> , 2021, 14, 1179173X2110680.	0.7	11
297	Effectiveness of the Ad26.Cov2.S Vaccine in Health Care Workers in South Africa. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
299	Comparative analysis of existing platforms for the development of vaccines against dangerous and extremely dangerous viral infections with pandemic potential. <i>BIOpreparations Prevention Diagnosis Treatment</i> , 2021, 21, 225-233.	0.2	0
300	COVID-19 outbreak in a long-term care facility in Kelowna, British Columbia after rollout of COVID-19 vaccine in March 2021. <i>Canada Communicable Disease Report</i> , 2021, 47, 543-552.	0.6	2
301	SARS-CoV-2 mRNA Vaccine Breakthrough Infections in Fully Vaccinated Healthcare Personnel: A Systematic Review. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 9.	0.9	14
302	Dealing with a Pandemic: Emerging Tools, Solutions, and Challenges. <i>Health Security</i> , 2022, 20, 109-115.	0.9	2
303	2022 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19: From the Emergency Cardiovascular Care Committee and Get With The Guidelines-Resuscitation Adult and Pediatric Task Forces of the American Heart Association in Collaboration With the American Academy of Pediatrics, American Association for Respiratory Care, the Society of Critical Care Anesthesiologists, and American Society of Anesthesiologists. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2022, 15, .	0.9	16
304	Caveats on COVID-19 herd immunity threshold: the Spain case. <i>Scientific Reports</i> , 2022, 12, 598.	1.6	8
307	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2022, 375, 43-50.	6.0	788
308	Association of Vitamin D Status and COVID-19-Related Hospitalization and Mortality. <i>Journal of General Internal Medicine</i> , 2022, 37, 853-861.	1.3	43
309	Risk and Protective Factors for COVID-19 Morbidity, Severity, and Mortality. <i>Clinical Reviews in Allergy and Immunology</i> , 2023, 64, 90-107.	2.9	200
310	Kinetics of the Antibody Response to Boosting With Three Different Vaccines Against SARS-CoV-2. <i>Frontiers in Immunology</i> , 2022, 13, 811020.	2.2	11
311	Drug delivery systems for RNA therapeutics. <i>Nature Reviews Genetics</i> , 2022, 23, 265-280.	7.7	417
312	Early effectiveness of BNT162b2 Covid-19 vaccine in preventing SARS-CoV-2 infection in healthcare personnel in six Israeli hospitals (CoVEHPI). <i>Vaccine</i> , 2022, 40, 512-520.	1.7	14
313	A systematic review of methodological approaches for evaluating real-world effectiveness of COVID-19 vaccines: Advising resource-constrained settings. <i>PLoS ONE</i> , 2022, 17, e0261930.	1.1	22

#	ARTICLE	IF	CITATIONS
314	Effectiveness of Vaccination against SARS-CoV-2 Infection in the Pre-Delta Era: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 157.	2.1	10
315	Prioritizing high-contact occupations raises effectiveness of vaccination campaigns. <i>Scientific Reports</i> , 2022, 12, 737.	1.6	4
316	A shot for the US economy. <i>Finance Research Letters</i> , 2022, 47, 102638.	3.4	0
317	A new testing platform using fingerstick blood for quantitative antibody response evaluation after SARS-CoV-2 vaccination. <i>Emerging Microbes and Infections</i> , 2022, 11, 250-259.	3.0	3
318	SARS-CoV-2 Vaccination and Protection Against Clinical Disease: A Retrospective Study, Bouches-du-Rhône District, Southern France, 2021. <i>Frontiers in Microbiology</i> , 2021, 12, 796807.	1.5	5
319	Comprehensive characterization of the antibody responses to SARS-CoV-2 Spike protein finds additional vaccine-induced epitopes beyond those for mild infection. <i>ELife</i> , 2022, 11, .	2.8	19
320	Designing a Recombinant Vaccine against <i>Providencia rettgeri</i> Using Immunoinformatics Approach. <i>Vaccines</i> , 2022, 10, 189.	2.1	32
321	mRNA Vaccines in the COVID-19 Pandemic and Beyond. <i>Annual Review of Medicine</i> , 2022, 73, 17-39.	5.0	120
322	COVID-19 Vaccines. <i>Infectious Disease Clinics of North America</i> , 2022, 36, 481-494.	1.9	13
323	The number of COVID-19 clusters in healthcare and elderly care facilities averted by vaccination of healthcare workers in Japan, February–June 2021. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 2762-2773.	1.0	12
324	SARS-CoV-2-antibody response in health care workers after vaccination or natural infection in a longitudinal observational study. <i>Vaccine</i> , 2022, 40, 206-212.	1.7	20
325	The Effectiveness of a Diverse COVID-19 Vaccine Portfolio and Its Impact on the Persistence of Positivity and Length of Hospital Stays: The Veneto Region's Experience. <i>Vaccines</i> , 2022, 10, 107.	2.1	13
326	Scaffold Vaccines for Generating Robust and Tunable Antibody Responses. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	9
327	The incidence of COVID-19 infection following emergency use authorization of BBIBP-CORV inactivated vaccine in frontline workers in the United Arab Emirates. <i>Scientific Reports</i> , 2022, 12, 490.	1.6	10
328	Limited induction of SARS-CoV-2-specific T cell responses in children with multisystem inflammatory syndrome compared with COVID-19. <i>JCI Insight</i> , 2022, 7, .	2.3	17
329	Virological and Serological Characterisation of SARS-CoV-2 Infections Diagnosed After mRNA BNT162b2 Vaccination Between December 2020 and March 2021. <i>Frontiers in Medicine</i> , 2021, 8, 815870.	1.2	8
330	Identifying and Alleviating Bias Due to Differential Depletion of Susceptible People in Postmarketing Evaluations of COVID-19 Vaccines. <i>American Journal of Epidemiology</i> , 2022, 191, 800-811.	1.6	53
331	Phase I interim results of a phase I/II study of the IgG-Fc fusion COVID-19 subunit vaccine, AKS-452. <i>Vaccine</i> , 2022, 40, 1253-1260.	1.7	10

#	ARTICLE	IF	CITATIONS
332	Comparing the impact of vaccination strategies on the spread of COVID-19, including a novel household-targeted vaccination strategy. <i>PLoS ONE</i> , 2022, 17, e0263155.	1.1	8
333	Prevalence of Antibodies to SARS-CoV-2 Following Natural Infection and Vaccination in Irish Hospital Healthcare Workers: Changing Epidemiology as the Pandemic Progresses. <i>Frontiers in Medicine</i> , 2021, 8, 758118.	1.2	15
334	A combined model for COVID-19 pandemic control: The application of Haddon's matrix and community risk reduction tools combined. <i>Journal of Infection and Public Health</i> , 2022, 15, 261-269.	1.9	7
335	County-level vaccination coverage and rates of COVID-19 cases and deaths in the United States: An ecological analysis. <i>The Lancet Regional Health Americas</i> , 2022, 9, 100191.	1.5	13
336	Determinants of COVID-19 vaccine uptake and barriers to being vaccinated among first-round eligibles for COVID-19 vaccination in Eastern Ethiopia: A community based cross-sectional study. <i>SAGE Open Medicine</i> , 2022, 10, 205031212210775.	0.7	6
337	A cross sectional regional study looking at the factors responsible for the low COVID-19 vaccination rate in Nigeria. <i>Pan African Medical Journal</i> , 2022, 41, 114.	0.3	5
338	Severity of COVID-19 Infection Using Chest Computed Tomography Severity Score Index Among Vaccinated and Unvaccinated COVID-19-Positive Healthcare Workers: An Analytical Cross-Sectional Study. <i>Cureus</i> , 2022, 14, e22087.	0.2	7
339	Emerging COVID-19 variants and their impact on SARS-CoV-2 diagnosis, therapeutics and vaccines. <i>Annals of Medicine</i> , 2022, 54, 524-540.	1.5	225
340	The Public Health Role of Medical Examiner Offices During COVID-19 and Other Mass Fatality Events. <i>American Journal of Forensic Medicine and Pathology</i> , 2022, Publish Ahead of Print, .	0.4	3
341	COVID-19 vaccination in patients receiving allergen immunotherapy (AIT) or biologicals: EAACI recommendations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2313-2336.	2.7	12
342	A review of the safety and efficacy of current COVID-19 vaccines. <i>Frontiers of Medicine</i> , 2022, 16, 39-55.	1.5	19
343	The efficacy and effectiveness of the COVID-19 vaccines in reducing infection, severity, hospitalization, and mortality: a systematic review. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-20.	1.4	163
344	COVID-19 Vaccine Rollouts and the Reproduction of Urban Spatial Inequality: Disparities Within Large US Cities in March and April 2021 by Racial/Ethnic and Socioeconomic Composition. <i>Journal of Urban Health</i> , 2022, 99, 191-207.	1.8	22
345	Effectiveness of 3 COVID-19 Vaccines in Preventing SARS-CoV-2 Infections, January–May 2021, Aragon, Spain. <i>Emerging Infectious Diseases</i> , 2022, 28, 591-598.	2.0	7
346	Risk Factors Associated With an Impaired Antibody Response in Kidney Transplant Recipients Following 2 Doses of the SARS-CoV-2 mRNA Vaccine. <i>Transplantation Direct</i> , 2022, 8, e1257.	0.8	10
347	SARS-CoV-2 breakthrough infections in vaccinated individuals: measurement, causes and impact. <i>Nature Reviews Immunology</i> , 2022, 22, 57-65.	10.6	217
348	Neutralizing Antibody Response to Pseudotype Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Differs Between mRNA-1273 and BNT162b2 Coronavirus Disease 2019 (COVID-19) Vaccines and by History of SARS-CoV-2 Infection. <i>Clinical Infectious Diseases</i> , 2022, 75, e827-e837.	2.9	9
349	Expected Rates of Select Adverse Events After Immunization for Coronavirus Disease 2019 Vaccine Safety Monitoring. <i>Journal of Infectious Diseases</i> , 2022, 225, 1569-1574.	1.9	10

#	ARTICLE	IF	CITATIONS
352	Longitudinal dynamics of SARS-CoV-2-specific cellular and humoral immunity after natural infection or BNT162b2 vaccination. <i>PLoS Pathogens</i> , 2021, 17, e1010211.	2.1	37
353	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2021, , eab3435.	6.0	145
354	Vaccines against SARS-CoV-2. , 2022, , 201-222.		0
355	In Defense of Vaccine Mandates: An Argument from Consent Rights. <i>Public Health Ethics</i> , 2022, 15, 27-40.	0.4	2
356	Impact of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) vaccination on the incidence of coronavirus disease 2019 (COVID-19) among healthcare workers at an academic medical center in Vermont. <i>Antimicrobial Stewardship & Healthcare Epidemiology</i> , 2022, 2, .	0.2	0
358	New Zealand Emergency Department COVID-19 Preparedness: a cross-sectional survey and narrative view. <i>BMJ Open</i> , 2022, 12, e053611.	0.8	1
359	Longitudinal Systemic and Mucosal Immune Responses to SARS-CoV-2 Infection. <i>Journal of Infectious Diseases</i> , 2022, 226, 1204-1214.	1.9	30
360	Efficacy and Effectiveness of SARS-CoV-2 Vaccines: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 350.	2.1	44
362	Effectiveness of a third dose of BNT162b2 mRNA COVID-19 vaccine in a large US health system: A retrospective cohort study. <i>The Lancet Regional Health Americas</i> , 2022, 9, 100198.	1.5	62
363	A review on COVID-19 transmission, epidemiological features, prevention and vaccination. <i>Medical Review</i> , 2022, 2, 23-49.	0.3	3
364	Understanding the Facilitators and Barriers to COVID-19 Vaccine Uptake Among Teachers in the Sagnarigu Municipality of Northern Ghana: A Cross-Sectional Study. <i>Risk Management and Healthcare Policy</i> , 2022, Volume 15, 311-322.	1.2	7
365	Effectiveness of COVID-19 Vaccines against Delta Variant (B.1.617.2): A Meta-Analysis. <i>Vaccines</i> , 2022, 10, 277.	2.1	15
366	Transmission of and Infection With COVID-19 Among Vaccinated and Unvaccinated Attendees of an Indoor Wedding Reception in Minnesota. <i>JAMA Network Open</i> , 2022, 5, e220536.	2.8	2
367	Predicting the Need for Intubation among COVID-19 Patients Using Machine Learning Algorithms: A Single-Center Study. <i>Medical Journal of the Islamic Republic of Iran</i> , 0, , .	0.9	1
368	Multiple COVID-19 Waves and Vaccination Effectiveness in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2282.	1.2	36
369	The unnaturalistic fallacy: COVID-19 vaccine mandates should not discriminate against natural immunity. <i>Journal of Medical Ethics</i> , 2022, 48, 371-377.	1.0	22
370	mRNA vaccine-a desirable therapeutic strategy for surmounting COVID-19 pandemic. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 2040330.	1.4	5
371	Estimating the number of symptomatic SARS-CoV-2 infections among vaccinated individuals in the United Statesâ€”Januaryâ€”July, 2021. <i>PLoS ONE</i> , 2022, 17, e0264179.	1.1	0

#	ARTICLE	IF	CITATIONS
372	COVID-19 vaccine effectiveness among healthcare workers in Albania (COVE-AL): protocol for a prospective cohort study and cohort baseline data. <i>BMJ Open</i> , 2022, 12, e057741.	0.8	5
373	Infection with the SARS-CoV-2 B.1.351 variant is lethal in aged BALB/c mice. <i>Scientific Reports</i> , 2022, 12, 4150.	1.6	9
374	Covid-19 Vaccine Effectiveness against the Omicron (B.1.1.529) Variant. <i>New England Journal of Medicine</i> , 2022, 386, 1532-1546.	13.9	1,709
375	Impact of the Sinopharm's BBIBP-CorV vaccine in preventing hospital admissions and death in infected vaccinees: Results from a retrospective study in the emirate of Abu Dhabi, United Arab Emirates (UAE). <i>Vaccine</i> , 2022, 40, 2003-2010.	1.7	39
377	COVID-19 Vaccines and SARS-CoV-2 Transmission in the Era of New Variants: A Review and Perspective. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac124.	0.4	25
378	COVID-19 Vaccine Effectiveness: A Review of the First 6 Months of COVID-19 Vaccine Availability (1) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	2.1	9
379	Persistence of Immune Response in Health Care Workers After Two Doses BNT162b2 in a Longitudinal Observational Study. <i>Frontiers in Immunology</i> , 2022, 13, 839922.	2.2	26
380	Risk assessment of COVID-19 epidemic resurgence in relation to SARS-CoV-2 variants and vaccination passes. <i>Communications Medicine</i> , 2022, 2, .	1.9	32
381	COVID-19 Vaccination Effectiveness Against Infection or Death in a National U.S. Health Care System. <i>Annals of Internal Medicine</i> , 2022, 175, 352-361.	2.0	41
382	Review of component designs for post-COVID-19 HVAC systems: possibilities and challenges. <i>Heliyon</i> , 2022, 8, e09001.	1.4	6
383	Effectiveness of the Ad26.COV2.S vaccine in health-care workers in South Africa (the Sisonke study): results from a single-arm, open-label, phase 3B, implementation study. <i>Lancet, The</i> , 2022, 399, 1141-1153.	6.3	51
385	Knowledge, Attitudes, Perceptions and Vaccination Acceptance/Hesitancy among the Community Pharmacists of Palermo's Province, Italy: From Influenza to COVID-19. <i>Vaccines</i> , 2022, 10, 475.	2.1	12
387	Effectiveness of 2-Dose BNT162b2 (Pfizer BioNTech) mRNA Vaccine in Preventing SARS-CoV-2 Infection Among Children Aged 5-11 Years and Adolescents Aged 12-15 Years - PROTECT Cohort, July 2021-February 2022. <i>Morbidity and Mortality Weekly Report</i> , 2022, 71, 422-428.	9.0	134
388	A Review of SARS-CoV-2 Disease (COVID-19): Pandemic in Our Time. <i>Pathogens</i> , 2022, 11, 368.	1.2	23
389	B-cell responses to vaccination with BNT162b2 and mRNA-1273 6 months after second dose. <i>Clinical Microbiology and Infection</i> , 2022, , .	2.8	5
390	Investing to kill: return on investment of tobacco companies compared to high-mortality and neutral industries. <i>Global Security: Health, Science and Policy</i> , 2022, 7, 7-12.	1.0	1
393	Nucleic Acid-Based COVID-19 Therapy Targeting Cytokine Storms: Strategies to Quell the Storm. <i>Journal of Personalized Medicine</i> , 2022, 12, 386.	1.1	5
395	Comparison of Moderna versus Pfizer-BioNTech COVID-19 vaccine outcomes: A target trial emulation study in the U.S. Veterans Affairs healthcare system. <i>EClinicalMedicine</i> , 2022, 45, 101326.	3.2	29

#	ARTICLE	IF	CITATIONS
396	mRNA Vaccines as an Efficient Approach for the Rapid and Robust Induction of Host Immunity Against SARS-CoV-2. <i>SN Comprehensive Clinical Medicine</i> , 2022, 4, 88.	0.3	5
397	Adaptive and optimized COVID-19 vaccination strategies across geographical regions and age groups. <i>PLoS Computational Biology</i> , 2022, 18, e1009974.	1.5	14
398	A Clinician's Obligation to be Vaccinated: Four Arguments that Establish a Duty for Healthcare Professionals to be Vaccinated Against COVID-19. <i>Journal of Bioethical Inquiry</i> , 2022, 19, 451-465.	0.9	5
399	COVID-19 Vaccination During Pregnancy. , 2022, 2, 1-7.		0
400	Outcomes of single dose COVID-19 vaccines: Eight month follow-up of a large cohort in Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2022, 15, 573-577.	1.9	7
401	High viral loads: what drives fatal cases of COVID-19 in vaccinees? – an autopsy study. <i>Modern Pathology</i> , 2022, 35, 1013-1021.	2.9	5
402	Conservation and Evolution of Antigenic Determinants of SARS-CoV-2: An Insight for Immune Escape and Vaccine Design. <i>Frontiers in Immunology</i> , 2022, 13, 832106.	2.2	7
403	Simultaneous Measurement of IgM and IgG Antibodies to SARS-CoV-2 Spike, RBD, and Nucleocapsid Multiplexed in a Single Assay on the xMAP INTELLIFLEX DR-SE Flow Analyzer. <i>Microbiology Spectrum</i> , 2022, , e0250721.	1.2	6
404	Molnupiravir: A lethal mutagenic drug against rapidly mutating severe acute respiratory syndrome coronavirus 2 – A narrative review. <i>Journal of Medical Virology</i> , 2022, 94, 3006-3016.	2.5	47
406	SARS-CoV-2 infections in mRNA vaccinated individuals are biased for viruses encoding spike E484K and associated with reduced infectious virus loads that correlate with respiratory antiviral IgG levels. <i>Journal of Clinical Virology</i> , 2022, 150-151, 105151.	1.6	11
407	Effectiveness of BNT162b2 and ChAdOx1 Vaccines against Symptomatic COVID-19 among Healthcare Workers in Kuwait: A Retrospective Cohort Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 1692.	1.0	6
408	Vaccination Against COVID-19: Emerging Issues and Future Prospects. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2021, 76, 652-660.	0.2	1
409	Vaccination Hesitancy among Health-Care-Workers in Academic Hospitals Is Associated with a 12-Fold Increase in the Risk of COVID-19 Infection: A Nine-Month Greek Cohort Study. <i>Viruses</i> , 2022, 14, 26.	1.5	4
410	Vaccines and Vaccination against SARS-CoV-2: Considerations for the Older Population. <i>Vaccines</i> , 2021, 9, 1435.	2.1	8
412	A randomized study to evaluate safety and immunogenicity of the BNT162b2 COVID-19 vaccine in healthy Japanese adults. <i>Nature Communications</i> , 2021, 12, 7105.	5.8	22
414	The optimal vaccination strategy to control COVID-19: a modeling study in Wuhan City, China. <i>Infectious Diseases of Poverty</i> , 2021, 10, 140.	1.5	13
415	Contact-Tracing Outcomes Among Household Contacts of Fully Vaccinated Coronavirus Disease 2019 (COVID-19) Patients: San Francisco, California, 29 January – 2 July 2021. <i>Clinical Infectious Diseases</i> , 2022, 75, e267-e275.	2.9	12
417	De-escalation of asymptomatic testing and potential of future COVID-19 outbreaks in US nursing homes amidst rising community vaccination coverage: A modeling study. <i>Vaccine</i> , 2022, 40, 3165-3173.	1.7	4

#	ARTICLE	IF	CITATIONS
418	Inter-individual variation in objective measure of reactogenicity following COVID-19 vaccination via smartwatches and fitness bands. <i>Npj Digital Medicine</i> , 2022, 5, 49.	5.7	24
419	Healthcare Professionals'™ Ethical Responsibility in COVID-19 Vaccination Decision-Making. <i>The Malaysian Journal of Medical Sciences</i> , 2022, 29, 157-163.	0.3	2
420	Surveillance of Safety of 3 Doses of COVID-19 mRNA Vaccination Using Electronic Health Records. <i>JAMA Network Open</i> , 2022, 5, e227038.	2.8	23
421	6 month serologic response to the Pfizer-BioNTech COVID-19 vaccine among healthcare workers. <i>PLoS ONE</i> , 2022, 17, e0266781.	1.1	4
422	Risks of catching COVID-19 according to vaccination status of healthcare workers during the SARS-CoV-2 Delta variant dominant period and their clinical characteristics. <i>Journal of Medical Virology</i> , 2022, 94, 3706-3713.	2.5	7
423	COVID-19 vaccination did not improve employee mental health: A prospective study in an early phase of vaccination in Japan. <i>Neuropsychopharmacology Reports</i> , 2022, 42, 230-232.	1.1	7
424	Pandemic Experience of First Responders: Fear, Frustration, and Stress. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4693.	1.2	11
426	Learning from maternal voices on COVID-19 vaccine uptake: Perspectives from pregnant women living in the Midwest on the COVID-19 pandemic and vaccine. <i>Journal of Community Psychology</i> , 2022, 50, 2630-2643.	1.0	6
427	Effectiveness of mRNA-1273, BNT162b2, and JNJ-78436735 COVID-19 Vaccines Among US Military Personnel Before and During the Predominance of the Delta Variant. <i>JAMA Network Open</i> , 2022, 5, e228071.	2.8	11
428	Estimated Health Outcomes and Costs of COVID-19 Prophylaxis With Monoclonal Antibodies Among Unvaccinated Household Contacts in the US. <i>JAMA Network Open</i> , 2022, 5, e228632.	2.8	7
429	Persistent Spike-specific T cell immunity despite antibody reduction after 3 months from SARS-CoV-2 BNT162b2-mRNA vaccine. <i>Scientific Reports</i> , 2022, 12, 6687.	1.6	31
430	Evaluating the effects of second-dose vaccine-delay policies in European countries: A simulation study based on data from Greece. <i>PLoS ONE</i> , 2022, 17, e0263977.	1.1	5
431	SARS-CoV-2 infection: efficacy of extensive vaccination of the healthcare workforce in a large Italian hospital.. <i>Medicina Del Lavoro</i> , 2021, 112, 465-476.	0.3	0
433	Vaccination and three non-pharmaceutical interventions determine the dynamics of COVID-19 in the US. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	1.3	2
434	Echinacea Purpurea For the Long-Term Prevention of Viral Respiratory Tract Infections During Covid-19 Pandemic: A Randomized, Open, Controlled, Exploratory Clinical Study. <i>Frontiers in Pharmacology</i> , 2022, 13, 856410.	1.6	12
435	The Effect of Waning on Antibody Levels and Memory B Cell Recall following SARS-CoV-2 Infection or Vaccination. <i>Vaccines</i> , 2022, 10, 696.	2.1	11
436	Differences in Immunogenicity of Three Different Homo- and Heterologous Vaccination Regimens against SARS-CoV-2. <i>Vaccines</i> , 2022, 10, 649.	2.1	6
437	Dealing with a mucosal viral pandemic: lessons from COVID-19 vaccines. <i>Mucosal Immunology</i> , 2022, 15, 584-594.	2.7	41

#	ARTICLE	IF	CITATIONS
438	Population-Level Effectiveness of COVID-19 Vaccination Program in the United States: Causal Analysis Based on Structural Nested Mean Model. <i>Vaccines</i> , 2022, 10, 726.	2.1	3
439	COVID-19 vaccine development: milestones, lessons and prospects. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 146.	7.1	153
440	Antibodies induced by an ancestral SARS-CoV-2 strain that cross-neutralize variants from Alpha to Omicron BA.1. <i>Science Immunology</i> , 2022, 7, eabo3425.	5.6	28
441	Axillary lymph node imaging in mRNA, vector-based, and mix-and-match COVID-19 vaccine recipients: ultrasound features. <i>European Radiology</i> , 2022, 32, 6598-6607.	2.3	3
442	Association between history of HBV vaccine response and anti-SARS-CoV-2 spike antibody response to the BioNTech/Pfizerâ€™s BNT162b2 mRNA SARS-CoV-2 vaccine among healthcare workers in Japan: A prospective observational study. <i>PLoS ONE</i> , 2022, 17, e0268529.	1.1	2
443	Viral RNA Load and Infectivity of SARS-CoV-2 in Paired Respiratory and Oral Specimens from Symptomatic, Asymptomatic, or Postsymptomatic Individuals. <i>Microbiology Spectrum</i> , 2022, 10, e0226421.	1.2	9
444	Protection of Messenger RNA Vaccines Against Hospitalized Coronavirus Disease 2019 in Adults Over the First Year Following Authorization in the United States. <i>Clinical Infectious Diseases</i> , 2023, 76, e460-e468.	2.9	9
445	Mortality due to COVID-19 during the vaccination plan against the SARS-CoV-2 virus in Cali, Colombia.. <i>Colombia Medica</i> , 2021, 52, e7005047.	0.7	0
446	Assessment of a virtual educational program on health professional studentsâ€™ vaccine knowledge, attitudes, and confidence managing patient hesitancy. <i>Education in the Health Professions</i> , 2022, 5, 13.	0.2	0
447	Durability analysis of the highly effective mRNA-1273 vaccine against COVID-19. , 0, , .		1
448	Simulating COVID-19 classroom transmission on a university campus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	6
449	The Biological Functions and Clinical Significance of SARS-CoV-2 Variants of Concern. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	43
450	A country-specific model of COVID-19 vaccination coverage needed for herd immunity in adult only or population wide vaccination programme. <i>Epidemics</i> , 2022, 39, 100581.	1.5	2
451	Monitoring and Understanding Household Clustering of SARS-CoV-2 Cases Using Surveillance Data in Fulton County, Georgia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
452	The Effect of COVID-19 Vaccination and Booster on Maternal-Fetal Outcomes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
453	Utilizing Google trends to monitor coronavirus vaccine interest and hesitancies. <i>Vaccine</i> , 2022, 40, 4057-4063.	1.7	5
454	mRNA-based therapeutics: powerful and versatile tools to combat diseases. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	160
455	Comprehensive narrative review of real-world COVID-19 vaccines: viewpoints and opportunities. <i>Medical Review</i> , 2022, 2, 169-196.	0.3	5

#	ARTICLE	IF	CITATIONS
456	Association of Zip Code Vaccination Rate With COVID-19 Mortality in Chicago, Illinois. <i>JAMA Network Open</i> , 2022, 5, e2214753.	2.8	9
457	Effectiveness of COVID-19 vaccines against SARS-CoV-2 variants of concern: a systematic review and meta-analysis. <i>BMC Medicine</i> , 2022, 20, .	2.3	149
458	Recommending COVID-19 vaccination for adolescents in primary care. <i>Family Practice</i> , 0, , .	0.8	2
459	Messenger ribonucleic acid vaccines against infectious diseases: current concepts and future prospects. <i>Current Opinion in Immunology</i> , 2022, 77, 102214.	2.4	7
460	A Macro-Level Association of Vaccination Rate with the Number of Confirmed COVID-19 Cases in the United States and Japan. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7435.	1.2	0
461	Vaccination and Government Stringent Control as Effective Strategies in Preventing SARS-CoV-2 Infections: A Global Perspective. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
462	Immune response to COVID-19 vaccination in a population with and without a previous SARS-CoV-2 infection. <i>Irish Journal of Medical Science</i> , 2023, 192, 731-739.	0.8	2
463	Analysis of Postvaccination Breakthrough COVID-19 Infections Among Adults With HIV in the United States. <i>JAMA Network Open</i> , 2022, 5, e2215934.	2.8	41
464	Relative effectiveness of booster vs. 2-dose mRNA Covid-19 vaccination in the Veterans Health Administration: Self-controlled risk interval analysis. <i>Vaccine</i> , 2022, 40, 4742-4747.	1.7	9
466	SARS CoV-2 reinfection rate is higher in the Omicron variant than in the Alpha and Delta variants. <i>Irish Journal of Medical Science</i> , 2023, 192, 751-756.	0.8	16
467	Monitoring the COVID-19 immune landscape in Japan. <i>International Journal of Infectious Diseases</i> , 2022, 122, 300-306.	1.5	5
469	Durability analysis of the highly effective BNT162b2 vaccine against COVID-19. , 2022, 1, .		8
470	Follow up of the Humoral Response in Healthcare Workers after the Administration of Two Dose of the Anti SARS-CoV-2 Vaccinesâ€”Effectiveness in Delta Variant Breakthrough Infections. <i>Viruses</i> , 2022, 14, 1385.	1.5	1
471	Duration of COVID-19 mRNA Vaccine Effectiveness against Severe Disease. <i>Vaccines</i> , 2022, 10, 1036.	2.1	2
472	SARS-CoV-2 infection risk among vaccinated and unvaccinated household members during the Alpha variant surge â€” Denver, Colorado, and San Diego, California, Januaryâ€”April 2021. <i>Vaccine</i> , 2022, 40, 4845-4855.	1.7	2
473	Clinical Efficacy of SARS-CoV-2 Vaccination in Hemodialysis Patients. <i>Kidney International Reports</i> , 2022, 7, 2176-2185.	0.4	21
474	The Real-World Impact of Vaccination on COVID-19 Cases During Europeâ€™s Fourth Wave. <i>International Journal of Public Health</i> , 0, 67, .	1.0	1
475	Guidance for Cardiopulmonary Resuscitation of Children With Suspected or Confirmed COVID-19. <i>Pediatrics</i> , 0, , .	1.0	1

#	ARTICLE	IF	CITATIONS
476	Quantifying the immunological distinctiveness of emerging SARS-CoV-2 variants in the context of prior regional herd exposure. , 0, , .		0
477	The effect of COVID-19 mRNA vaccines against postvaccination laboratory-confirmed SARS-CoV-2 infection, symptomatic COVID-19 infection, hospitalization, and mortality rate: a systematic review and meta-analysis. Expert Review of Vaccines, 2022, 21, 1455-1464.	2.0	7
478	Effectiveness and protection duration of Covid-19 vaccines and previous infection against any SARS-CoV-2 infection in young adults. Nature Communications, 2022, 13, .	5.8	18
480	Sequential allocation of vaccine to control an infectious disease. Mathematical Biosciences, 2022, 351, 108879.	0.9	3
481	Effectiveness of CoronaVac and BNT162b2 COVID-19 mass vaccination in Colombia: A population-based cohort study. The Lancet Regional Health Americas, 2022, 12, 100296.	1.5	5
482	Dynamic of a two-strain COVID-19 model with vaccination. Results in Physics, 2022, 39, 105777.	2.0	12
483	Declining neutralizing antibody levels after SARS-CoV-2 mRNA vaccination: observational data from community point-of-care testing service in Brno, Czechia. Central European Journal of Public Health, 2022, 30, 111-118.	0.4	0
484	Assessment of unvaccinated and vaccinated patients with coronavirus disease 2019 (COVID-19) treated with monoclonal antibodies during the delta wave (July 1â€“August 20, 2021): a retrospective observational monocentric study. BMC Infectious Diseases, 2022, 22, .	1.3	2
485	Cross-Sectional Survey on BNT162b2 mRNA COVID-19 Vaccine Serious Adverse Events in Children 5 to 11 Years of Age: A Monocentric Experience. Vaccines, 2022, 10, 1224.	2.1	5
486	Assessing the Dynamic Outcomes of Containment Strategies against COVID-19 under Different Public Health Governance Structures: A Comparison between Pakistan and Bangladesh. International Journal of Environmental Research and Public Health, 2022, 19, 9239.	1.2	1
487	SARS-CoV-2 vaccination, ABO blood group and risk of COVID-19: population-based cohort study. BMJ Open, 2022, 12, e059944.	0.8	3
488	Effectiveness of SARS-CoV-2 Vaccines for Short- and Long-Term Immunity: A General Overview for the Pandemic Contrast. International Journal of Molecular Sciences, 2022, 23, 8485.	1.8	6
489	The effectiveness of COVID-19 vaccines in reducing the incidence, hospitalization, and mortality from COVID-19: A systematic review and meta-analysis. Frontiers in Public Health, 0, 10, .	1.3	70
490	Cellular and humoral immune responses and breakthrough infections after three SARS-CoV-2 mRNA vaccine doses. Frontiers in Immunology, 0, 13, .	2.2	21
491	Effectiveness of mRNA COVID-19 vaccines against Omicron and Delta variants in a matched test-negative caseâ€“control study among US veterans. BMJ Open, 2022, 12, e063935.	0.8	16
493	Modelling vaccination capacity at mass vaccination hubs and general practice clinics: a simulation study. BMC Health Services Research, 2022, 22, .	0.9	5
494	Assessing the cost-effectiveness of COVID-19 vaccines in a low incidence and low mortality setting: the case of Thailand at start of the pandemic. European Journal of Health Economics, 2023, 24, 735-748.	1.4	7
495	Coronavirus Disease 19 (COVID-19) Vaccine Effectiveness Against Symptomatic Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection During Delta-Dominant and Omicron-Dominant Periods in Japan: A Multicenter Prospective Case-control Study (Factors Associated with SARS-CoV-2) Tj ETQq1 1 0.784314 rgt /Ove e108-e115.	1.0	14

#	ARTICLE	IF	CITATIONS
496	Assessing the Combined Public Health Impact of Pharmaceutical Interventions on Pandemic Transmission and Mortality: An Example in SARS CoV-2. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 1224-1235.	2.3	0
497	Modeling the Transmission Dynamics of COVID-19 Among Five High Burden African Countries. <i>Clinical Epidemiology</i> , 0, Volume 14, 1013-1029.	1.5	3
498	Effectiveness of BNT162b2 and CoronaVac vaccinations against mortality and severe complications after SARS-CoV-2 Omicron BA.2 infection: a case-control study. <i>Emerging Microbes and Infections</i> , 2022, 11, 2304-2314.	3.0	36
499	The effectiveness of mRNA vaccines to prevent SARS-CoV-2 infection and hospitalisation for COVID-19 according to the time elapsed since their administration in health professionals in the Valencian Autonomous Community (Spain). <i>Preventive Medicine</i> , 2022, 163, 107237.	1.6	5
500	Global asymptotic stability, extinction and ergodic stationary distribution in a stochastic model for dual variants of SARS-CoV-2. <i>Mathematics and Computers in Simulation</i> , 2023, 204, 302-336.	2.4	16
501	COVID-19 mRNA Vaccines. , 2022, , 769-802.		0
502	SARS-CoV-2 Variants: Impact of Spike Mutations on Vaccine and Therapeutic Strategies. , 2022, , 143-160.		0
503	Clinical Development of mRNA Vaccines: Challenges and Opportunities. <i>Current Topics in Microbiology and Immunology</i> , 2022, , 167-186.	0.7	2
504	Evaluating real-world COVID-19 vaccine effectiveness using a test-negative case-control design. <i>Journal of Comparative Effectiveness Research</i> , 2022, 11, 1161-1172.	0.6	6
505	Association of Influenza Vaccination With SARS-CoV-2 Infection and Associated Hospitalization and Mortality Among Patients Aged 66 Years or Older. <i>JAMA Network Open</i> , 2022, 5, e2233730.	2.8	19
506	Association of COVID-19 vaccine with lymph node reactivity: an ultrasound-based study. <i>Journal of Health Sciences and Medicine</i> , 2022, 5, 1390-1393.	0.0	0
507	Durability of Protection Post-Primary COVID-19 Vaccination in the United States. <i>Vaccines</i> , 2022, 10, 1458.	2.1	8
508	Immunogenicity of two doses of BNT162b2 and mRNA-1273 vaccines for solid cancer patients on treatment with or without a previous SARS-CoV-2 infection. <i>International Journal of Cancer</i> , 2023, 152, 661-671.	2.3	3
509	Estimating Waning of Vaccine Effectiveness: a Simulation Study. <i>Clinical Infectious Diseases</i> , 0, , .	2.9	2
510	Assessment of SARS-CoV-2 vaccination status in SARS-COV-2 infected patients admitted in Dr Ruth K.M. Pfau, Civil Hospital Karachi. <i>Pakistan Journal of Medical Sciences</i> , 2022, 38, .	0.3	0
511	A quick scoping review of the first year of vaccination against the COVID-19 pandemic: Do we need more shots or time?. <i>Medicine (United States)</i> , 2022, 101, e30609.	0.4	4
512	Evaluating risk factors associated with COVID-19 infections among vaccinated people early in the U.S. vaccination campaign: an observational study of five states, January-March 2021. <i>BMC Infectious Diseases</i> , 2022, 22, .	1.3	0
513	OX40 agonist stimulation increases and sustains humoral and cell-mediated responses to SARS-CoV-2 protein and saRNA vaccines. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1

#	ARTICLE	IF	CITATIONS
514	Review in isothermal amplification technology in food microbiological detection. Food Science and Biotechnology, 2022, 31, 1501-1511.	1.2	4
515	Effectiveness of Messenger RNA-1273 Vaccine Booster Against Coronavirus Disease 2019 in Immunocompetent Adults. Clinical Infectious Diseases, 2023, 76, 252-262.	2.9	7
517	Has vaccination alleviated the strain on hospitals due to COVID-19? A combined difference-in-difference and simulation approach. BMC Health Services Research, 2022, 22, .	0.9	2
518	Optimal selection of COVID-19 vaccination sites in the Philippines at the municipal level. PeerJ, 0, 10, e14151.	0.9	6
519	Vaccination Decreases the Infectious Viral Load of Delta Variant SARS-CoV-2 in Asymptomatic Patients. Viruses, 2022, 14, 2071.	1.5	8
520	Ethnic homophily affects vaccine prioritization strategies. Journal of Theoretical Biology, 2022, 555, 111295.	0.8	2
521	Use of surveillance data to elucidate household clustering of SARS-CoV-2 in Fulton County, Georgia a major metropolitan area. Annals of Epidemiology, 2022, 76, 121-127.	0.9	1
522	A multicentric study to correlate severity of disease and vaccine in COVID-19 pandemic. Ain-Shams Journal of Anesthesiology, 2022, 14, .	0.1	0
523	Safety, immunogenicity and antibody persistence of a bivalent Beta-containing booster vaccine against COVID-19: a phase 2/3 trial. Nature Medicine, 2022, 28, 2388-2397.	15.2	89
524	Coronavirus disease 2019 (COVID-19) vaccine breakthrough infections among healthcare personnel, December 2020â€“April 2021. Antimicrobial Stewardship & Healthcare Epidemiology, 2022, 2, .	0.2	0
525	Effectiveness of BNT162b2, mRNA-1273, and ChAdOx1-S vaccines against severe covid-19 outcomes in a nationwide mass vaccination setting: cohort study. , 2022, 1, e000104.		12
526	Incidence, Prevalence, and Sources of COVID-19 Infection among Healthcare Workers in Hospitals in Malaysia. International Journal of Environmental Research and Public Health, 2022, 19, 12485.	1.2	6
527	Winners and losers from Pfizer and Biontechâ€™s vaccine announcement: Evidence from S&P 500 (Sub)sector indices. PLoS ONE, 2022, 17, e0275773.	1.1	2
529	SARS-CoV-2 Vaccines: Types, Working Principle, and Its Impact on Thrombosis and Gastrointestinal Disorders. Applied Biochemistry and Biotechnology, 2023, 195, 1541-1573.	1.4	4
530	Association between regular physical activity and the protective effect of vaccination against SARS-CoV-2 in a South African caseâ€“control study. British Journal of Sports Medicine, 2023, 57, 205-211.	3.1	12
531	Effectiveness of BNT162b2 and CoronaVac vaccinations against SARS-CoV-2 omicron infection in people aged 60Â“years or above: a caseâ€“control study. Journal of Travel Medicine, 2022, 29, .	1.4	4
532	The Waning of BNT162b2 Vaccine Effectiveness for SARS-CoV-2 Infection Prevention over Time: A Test-Negative Study in Health Care Professionals of a Health Department from January 2021 to December 2021. International Journal of Environmental Research and Public Health, 2022, 19, 13884.	1.2	1
533	Modeling and numerical analysis of a fractional order model for dual variants of SARS-CoV-2. AEJ - Alexandria Engineering Journal, 2023, 65, 427-442.	3.4	13

#	ARTICLE	IF	CITATIONS
534	Parents' willingness to vaccinate themselves and their children with the booster vaccine against SARS-CoV-2: A cross-sectional study in Puyang city, China. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	7
535	Fully understanding the efficacy profile of the COVID-19 vaccination and its associated factors in multiple real-world settings. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
537	Making global health "work": Frontline workers' labour in research and interventions. <i>Global Public Health</i> , 0, , 1-10.	1.0	0
538	A systematic and thematic analysis of the top 100 cited articles on mRNA vaccine indexed in Scopus database. <i>Human Vaccines and Immunotherapeutics</i> , 0, , .	1.4	2
539	Modelling the Effect of Vaccination Program and Inter-state Travel in the Spread of COVID-19 in Malaysia. <i>Acta Biotheoretica</i> , 2023, 71, .	0.7	0
540	Early Real-World Data to Assess Benefits and Risks of COVID-19 Vaccines: A Systematic Review of Methods. <i>Vaccines</i> , 2022, 10, 1896.	2.1	0
541	Does eco-innovation and green investment limit the CO2 emissions in China?. <i>Economic Research-Ekonomska Istrazivanja</i> , 2023, 36, 634-649.	2.6	35
542	Development of a Novel HTLV-1 Protease: Human Fc γ 3 ¹ Recombinant Fusion Molecule in the CHO Eukaryotic Expression System. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	1.4	0
543	The importance of sustained compliance with physical distancing during COVID-19 vaccination rollout. <i>Communications Medicine</i> , 2022, 2, .	1.9	5
544	Projecting the COVID-19 immune landscape in Japan in the presence of waning immunity and booster vaccination. <i>Journal of Theoretical Biology</i> , 2023, 559, 111384.	0.8	7
545	Agent-based model of the impact of higher influenza vaccine efficacy on seasonal influenza burden. <i>Vaccine: X</i> , 2023, 13, 100249.	0.9	1
546	Severe acute respiratory syndrome coronavirus 2 vaccine breakthrough infections: A single metro-based testing network experience. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
547	Global Policy to Reduce the Incidence of Infection Spreading in Non-Vaccinated Healthcare Workers: A Literature Review. <i>Vaccines</i> , 2022, 10, 2058.	2.1	1
548	Attitude and knowledge towards the effectiveness of nucleic acid-based vaccines among healthcare workers and medical students in the Jordanian population. , 2022, 9, .		0
549	Comparative analysis of the effectiveness of vaccines against SARS-CoV-2 3 months after revaccination. <i>Nacionalno Zdravoohranenie</i> , 2022, 3, 32-35.	0.3	0
550	International recommendations for plasma Epstein-Barr virus DNA measurement in nasopharyngeal carcinoma in resource-constrained settings: lessons from the COVID-19 pandemic. <i>Lancet Oncology</i> , The, 2022, 23, e544-e551.	5.1	6
553	Higher Immunological Response after BNT162b2 Vaccination among COVID-19 Convalescents: The Data from the Study among Healthcare Workers in an Infectious Diseases Center. <i>Vaccines</i> , 2022, 10, 2158.	2.1	2
555	Reduction in COVID-19 Vaccine Effectiveness against SARS-CoV-2 Variants in Seoul according to Age, Sex, and Symptoms: A Test-Negative Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 16958.	1.2	1

#	ARTICLE	IF	CITATIONS
556	Macroeconomic consequences of the COVID-19 pandemic. <i>Economic Modelling</i> , 2023, 120, 106147.	1.8	17
557	Exploring key informants' perceptions of Covid-19 vaccine hesitancy in a disadvantaged urban community in Ireland: Emergence of a 4Cs model. <i>Vaccine</i> , 2023, 41, 519-531.	1.7	1
558	Effect of COVID-19 on healthcare workers' morbidity and mortality compared to the general population in Kohgiluyeh and Boyer-Ahmad Province, Iran. <i>Health Science Reports</i> , 2023, 6, .	0.6	4
559	Pediatric allogeneic stem cell transplantation from adult SARS-COV-2 positive donor. <i>Pediatric Hematology Oncology Journal</i> , 2023, 8, 39-40.	0.1	0
560	The Reasons behind COVID-19 Vaccination Hesitancy among the Parents of Children Aged between 5 to 11 Years Old in Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 1345.	1.2	4
561	Response to COVID-19 in Lebanon: update, challenges and lessons learned. <i>Epidemiology and Infection</i> , 2023, 151, .	1.0	12
562	A generalized distributed delay model of COVID-19: An endemic model with immunity waning. <i>Mathematical Biosciences and Engineering</i> , 2023, 20, 5379-5412.	1.0	4
563	Characterization of BNT162b2 mRNA to Evaluate Risk of Off-Target Antigen Translation. <i>Journal of Pharmaceutical Sciences</i> , 2023, 112, 1364-1371.	1.6	5
564	Does COVID-19 Vaccine Impact the Soul? A Pre-post Vaccination Comparison of Health Care Workers' Infection Control Practices and Perspectives. <i>Infectious Diseases in Clinical Practice</i> , 2023, 31, .	0.1	0
565	SARS-CoV-2 Infection in Winter 2021/2022: The Association of Varying Clinical Manifestations With and Without Prior Vaccination. <i>Cureus</i> , 2022, , .	0.2	0
566	Comparative admission rates and infection severity of COVID-19 among unvaccinated and vaccinated patients. <i>Journal of Investigative Medicine</i> , 2023, 71, 329-338.	0.7	1
567	A brief overview of various vaccines against nCOVID19, including safety, efficacy, reported cases, clinical trials, and progress. <i>Indian Journal of Health Sciences and Biomedical Research KLEU</i> , 2023, 16, 13.	0.1	1
568	Vaccines: An overview. , 2023, , 699-717.		1
569	Guidelines for Infection Control and Burnout Prevention in Healthcare Workers Responding to COVID-19. <i>Infection and Chemotherapy</i> , 2023, 55, 150.	1.0	4
570	A vigorous study of fractional order mathematical model for SARS-CoV-2 epidemic with Mittag-Leffler kernel. <i>AEJ - Alexandria Engineering Journal</i> , 2023, 71, 565-579.	3.4	6
572	Vaccine Formulation Strategies and Challenges Involved in RNA Delivery for Modulating Biomarkers of Cardiovascular Diseases: A Race from Laboratory to Market. <i>Vaccines</i> , 2023, 11, 241.	2.1	1
574	Evaluation of the risk of SARS-CoV-2 infection and hospitalization in vaccinated and previously infected subjects based on real world data. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
576	A randomized phase I/II safety and immunogenicity study of the Montanide-adjuvanted SARS-CoV-2 spike protein-RBD-Fc vaccine, AKS-452. <i>Vaccine</i> , 2023, 41, 2184-2197.	1.7	7

#	ARTICLE	IF	CITATIONS
577	Effectiveness of mRNA and viral vector vaccines in epidemic period led by different SARS-CoV-2 variants: A systematic review and meta-analysis. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	3
578	Retrospective, Observational Studies for Estimating Vaccine Effects on the Secondary Attack Rate of SARS-CoV-2. <i>American Journal of Epidemiology</i> , 0, , .	1.6	1
579	The impact of influenza vaccination on surgical outcomes in COVID-19 positive patients: An analysis of 43,580 patients. <i>PLoS ONE</i> , 2023, 18, e0281990.	1.1	0
580	Sources of bias in observational studies of covid-19 vaccine effectiveness. <i>Journal of Evaluation in Clinical Practice</i> , 2024, 30, 30-36.	0.9	2
581	Similar Time Course of Humoral Response to SARS-CoV-2 mRNA Vaccines in People With and Without Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2023, 25, 492-496.	2.4	1
582	Developing a Place-Time-Specific Transmissibility Index to Measure and Examine the Spatiotemporally Varying Transmissibility of COVID-19. <i>Annals of the American Association of Geographers</i> , 2023, 113, 1419-1443.	1.5	3
608	Drug delivery systems for CRISPR-based genome editors. <i>Nature Reviews Drug Discovery</i> , 2023, 22, 875-894.	21.5	9
620	Effectiveness of COVID-19 vaccines among children and adolescents against SARS-CoV-2 variants: a meta-analysis. <i>European Journal of Pediatrics</i> , 0, , .	1.3	0
621	Implementation of Vaccination in an Epidemic Model for COVID-19. <i>Studies in Computational Intelligence</i> , 2023, , 227-245.	0.7	0
630	Ethics of Placebo-Controlled Trials: Historical Analysis Including Experiences During the COVID-19 Pandemic. , 2023, , 195-224.		0