

# Body Mass Index and Risk for COVID-19–Related Hospital Admission, Invasive Mechanical Ventilation, and Death 2020

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Obese Animals as Models for Numerous Diseases: Advantages and Applications. <i>Medicina (Lithuania)</i> , 2021, 57, 399.	0.8	13
5	Family Food Environment during the COVID-19 Pandemic: A Qualitative Study. <i>Children</i> , 2021, 8, 354.	0.6	22
6	A Study on Factors Impacting Length of Hospital Stay of COVID-19 Inpatients. <i>Journal of Contemporary Medicine</i> , 2021, 11, 396-404.	0.1	10
7	Sex Disparity in the Effect of Obesity in Hospitalized COVID-19 Patients: A Retrospective Cohort Study From the New York City Metropolitan Area. <i>Cureus</i> , 2021, 13, e15235.	0.2	7
10	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. <i>Biomedicines</i> , 2021, 9, 611.	1.4	10
11	The effect of the COVID-19 pandemic on bariatric surgery delivery in Edmonton, Alberta: a single-centre experience. <i>Canadian Journal of Surgery</i> , 2021, 64, E307-E309.	0.5	8
12	How May Obesity-Induced Oxidative Stress Affect the Outcome of COVID-19 Vaccines? Lesson Learned from the Infection. <i>Stresses</i> , 2021, 1, 119-122.	1.8	3
13	Hypertension, Obesity, and COVID-19: a Collision of Pandemics. <i>Current Hypertension Reports</i> , 2021, 23, 36.	1.5	14
14	Obesity 2021: Rejecting Old Misconceptions and Embracing a New Paradigm to Improve Outcomes. <i>Clinical Therapeutics</i> , 2021, 43, 1147-1153.	1.1	0
15	Body mass index and severity/fatality from coronavirus disease 2019: A nationwide epidemiological study in Korea. <i>PLoS ONE</i> , 2021, 16, e0253640.	1.1	29
16	Lessons from a local effort to screen for SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2108044118.	3.3	1
17	Real-world Effect of Monoclonal Antibody Treatment in COVID-19 Patients in a Diverse Population in the United States. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab398.	0.4	22
18	Body mass index and Mini Nutritional Assessment-Short Form as predictors of in-geriatric hospital mortality in older adults with COVID-19. <i>Clinical Nutrition</i> , 2022, 41, 2973-2979.	2.3	23
19	An Extracorporeal Membrane Oxygenation First Strategy in COVID-19 Acute Respiratory Distress Syndrome. <i>ASAIO Journal</i> , 2021, 67, 1097-1099.	0.9	3
20	Support policies that foster a healthy food environment and incentivize healthy food purchases to mitigate cancer inequities. <i>Translational Behavioral Medicine</i> , 2021, , .	1.2	2
21	Response by Hendren et al to Letter Regarding Article, "Association of Body Mass Index and Age With Morbidity and Mortality in Patients Hospitalized With COVID-19: Results From the American Heart Association COVID-19 Cardiovascular Disease Registry". <i>Circulation</i> , 2021, 144, e8-e9.	1.6	8
22	Underlying Medical Conditions and Severe Illness Among 540,667 Adults Hospitalized With COVID-19, March 2020–March 2021. <i>Preventing Chronic Disease</i> , 2021, 18, E66.	1.7	194
23	The vicious cycle: a history of obesity and COVID-19. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 332.	0.7	2

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25	Epicardial adipose tissue and severe Coronavirus Disease 19. <i>Cardiovascular Diabetology</i> , 2021, 20, 147.	2.7	13
27	Association of BNT162b2 mRNA and mRNA-1273 Vaccines With COVID-19 Infection and Hospitalization Among Patients With Cirrhosis. <i>JAMA Internal Medicine</i> , 2021, 181, 1306.	2.6	63
28	Association Between SARS-CoV-2 Cycle Threshold Values and Clinical Outcomes in Patients With COVID-19: A Systematic Review and Meta-analysis. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab453.	0.4	27
29	Profiles of Food Insecurity: Similarities and Differences across Selected CEE Countries. <i>Energies</i> , 2021, 14, 5070.	1.6	8
30	The association between BMI and metabolically unhealthy status with COVID-19 mortality: Based on 3019 inpatients from Wuhan, China. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3219-3226.	1.1	7
31	Association of body mass index with morbidity in patients hospitalised with COVID-19. <i>BMJ Open Respiratory Research</i> , 2021, 8, e000970.	1.2	5
33	Male-Female Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: A State-by-State Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7403.	1.3	1
34	Don't close the book on tocilizumab for the treatment of severe COVID-19 pneumonia—the jury is still out: The Kuwait experience. <i>PLoS ONE</i> , 2021, 16, e0254379.	1.1	2
35	Specific Risk Factors for Fatal Outcome in Critically Ill COVID-19 Patients: Results from a European Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3855.	1.0	12
36	Secrets to longevity: The Methuselahs that survived COVID-19. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 2788-2790.	1.3	3
37	covid19.Explorer: a web application and R package to explore United States COVID-19 data. <i>PeerJ</i> , 2021, 9, e11489.	0.9	5
38	Is obesity a risk factor in cancer patients with COVID-19?. <i>Future Oncology</i> , 2021, 17, 3541-3544.	1.1	4
39	Factors Associated with Mortality Among Hospitalized Adults with COVID-19 Pneumonia at a Private Tertiary Hospital in Tanzania: A Retrospective Cohort Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 5431-5440.	0.8	7
40	Cardiac and Renal SARS-CoV-2 Viral Entry Protein Regulation by Androgens and Diet: Implications for Polycystic Ovary Syndrome and COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9746.	1.8	3
41	Is Coronavirus Disease 2019 (COVID-19) Less Deadly Now? Trends in In-Hospital Mortality Among Hospitalized COVID-19 Patients in the United States. <i>Clinical Infectious Diseases</i> , 2022, 74, 2238-2242.	2.9	14
42	Risk Factors of In-Hospital Mortality in Non-Specialized Tertiary Center Repurposed for Medical Care to COVID-19 Patients in Russia. <i>Diagnostics</i> , 2021, 11, 1687.	1.3	2
43	Cardiovascular disease and COVID-19: a consensus paper from the ESC Working Group on Coronary Pathophysiology & Microcirculation, ESC Working Group on Thrombosis and the Association for Acute Cardiovascular Care (ACVC), in collaboration with the European Heart Rhythm Association (EHRA). <i>Cardiovascular Research</i> , 2021, 117, 2705-2729.	1.8	95
44	Potential solutions for screening, triage, and severity scoring of suspected COVID-19 positive patients in low-resource settings: a scoping review. <i>BMJ Open</i> , 2021, 11, e046130.	0.8	11

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45	Physiological respiratory parameters in pre-hospital patients with suspected COVID-19: A prospective cohort study. PLoS ONE, 2021, 16, e0257018.	1.1	9
46	COVID-19 vaccines are effective in people with obesity: A position statement from The Obesity Society. Obesity, 2021, 29, 1575-1579.	1.5	37
47	The case for promoting physical activity amidst the COVID-19 pandemic. An update. Journal of Science and Medicine in Sport, 2021, 24, 900-901.	0.6	5
48	Obesity in US children increased at an unprecedented rate during the pandemic. BMJ, The, 2021, 374, n2332.	3.0	14
49	COVID-19: Mechanistic Model of the African Paradox Supports the Central Role of the NF- $\kappa$ B Pathway. Viruses, 2021, 13, 1887.	1.5	12
50	COVID-19 in Pregnancy. Journal of Occupational and Environmental Medicine, 2021, 63, 1024-1028.	0.9	2
51	An internally validated prediction model for critical COVID-19 infection and intensive care unit admission in symptomatic pregnant women. American Journal of Obstetrics and Gynecology, 2022, 226, 403.e1-403.e13.	0.7	23
53	The Association between Nutritional Status and In-Hospital Mortality of COVID-19 in Critically-Ill Patients in the ICU. Nutrients, 2021, 13, 3302.	1.7	19
54	Peculiarities of liver enzymes and clinical status of patients with new coronaviral infection (COVID) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Gastroenterologiya, 2021, , 6-11.	0.1	0
55	Inflammatory Response in SARS-CoV-2 Infection of Patients with Schizophrenia and Long-Term Antipsychotic Treatment. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 3053-3060.	1.0	8
56	Budget constrained machine learning for early prediction of adverse outcomes for COVID-19 patients. Scientific Reports, 2021, 11, 19543.	1.6	6
58	Sociodemographic and clinical features predictive of SARS-CoV-2 test positivity across healthcare visit-types. PLoS ONE, 2021, 16, e0258339.	1.1	1
59	Standardized Extract of Asparagus officinalis Stem Attenuates SARS-CoV-2 Spike Protein-Induced IL-6 and IL-1 $\beta$ Production by Suppressing p44/42 MAPK and Akt Phosphorylation in Murine Primary Macrophages. Molecules, 2021, 26, 6189.	1.7	14
60	All-cause mortality and disease progression in SARS-CoV-2-infected patients with or without antibiotic therapy: an analysis of the LEOSS cohort. Infection, 2021, 50, 423.	2.3	6
61	Clinical manifestations of COVID-19 differ by age and obesity status. Influenza and Other Respiratory Viruses, 2022, 16, 255-264.	1.5	17
62	Hospitalised versus outpatient COVID-19 patients' background characteristics and comorbidities: A systematic review and meta-analysis. Reviews in Medical Virology, 2022, 32, e2306.	3.9	17
63	<i>Lactobacillus Plantarum</i> induces innate cytokine responses that potentially provide a protective benefit against COVID-19: A single-arm, double-blind, prospective trial combined with an <i>in vitro</i> cytokine response assay. Experimental and Therapeutic Medicine, 2021, 23, 20.	0.8	21
65	Can Environmental Pollutants Be a Factor Linking Obesity and COVID-19?. Journal of Korean Medical Science, 2021, 36, e305.	1.1	1

#	ARTICLE	IF	CITATIONS
66	COVID-19 Clinical Profile in Latin American Migrants Living in Spain: Does the Geographical Origin Matter?. <i>Journal of Clinical Medicine</i> , 2021, 10, 5213.	1.0	5
67	Obesity: The Forgotten Pandemic. <i>American Journal of Gastroenterology</i> , 2022, 117, 7-10.	0.2	6
68	Health-Related Behaviors and Odds of COVID-19 Hospitalization in a Military Population. <i>Preventing Chronic Disease</i> , 2021, 18, E96.	1.7	3
69	Examining Food Security, Choices and Barriers among Community Supported Agriculture Participants during COVID- 19 in Kentucky. <i>Journal of Hunger and Environmental Nutrition</i> , 2023, 18, 878-888.	1.1	0
70	Moderate Intensity Aerobic Exercise Potential Favorable Effect Against COVID-19: The Role of Renin-Angiotensin System and Immunomodulatory Effects. <i>Frontiers in Physiology</i> , 2021, 12, 747200.	1.3	15
71	Advanced respiratory monitoring in mechanically ventilated patients with coronavirus disease 2019-associated acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2021, Publish Ahead of Print, .	1.6	5
72	COVID-19 attributed mortality and ambient temperature: a global ecological study using a two-stage regression model. <i>Pathogens and Global Health</i> , 2022, 116, 319-329.	1.0	2
73	Obesity implications on SARS-CoV-2 infections' prevalence, hospitalizations, critical care needs, fatalities & vaccination rates: A public health crisis. <i>Annals of Medicine and Surgery</i> , 2021, 72, 103096.	0.5	3
74	COVID-19 in the Perioperative Period of Cardiovascular Surgery: the Brazilian Experience. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2021, 36, 725-735.	0.2	12
75	Hospitalization, Mechanical Ventilation, and Case-Fatality Outcomes in US Veterans with COVID-19 Disease During 2020. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
76	The Time Has Come to Understand the Mechanisms by Which Comorbidities Contribute to COVID-19 Severity. <i>Journal of Personalized Medicine</i> , 2022, 12, 123.	1.1	0
78	SARS-CoV-2 infection in children in Moscow in 2020: clinical features and impact on circulation of other respiratory viruses. <i>International Journal of Infectious Diseases</i> , 2022, 116, 331-338.	1.5	7
79	Comprehensive Immune Profiling Reveals CD56+ Monocytes and CD31+ Endothelial Cells Are Increased in Severe COVID-19 Disease. <i>Journal of Immunology</i> , 2022, 208, 685-696.	0.4	14
80	Visceral fat inflammation and fat embolism are associated with lung's lipidic hyaline membranes in subjects with COVID-19. <i>International Journal of Obesity</i> , 2022, 46, 1009-1017.	1.6	22
81	Pulmonary Aspects of COVID-19. <i>Annual Review of Medicine</i> , 2022, 73, 81-93.	5.0	8
82	Respiratory and nonrespiratory COVID-19 complications in patients with obesity: recent developments. <i>Journal of Comparative Effectiveness Research</i> , 2022, 11, 371-381.	0.6	5
83	Risk Factors for Severe COVID-19 in Children: A Systematic Review and Meta-Analysis. <i>Journal of Korean Medical Science</i> , 2022, 37, e35.	1.1	78
84	Racial, ethnic and socioeconomic disparities in SARS-CoV-2 infection amongst children. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 337-346.	0.8	15

#	ARTICLE	IF	CITATIONS
85	Analysis of Critical COVID-19 Cases Among Children in Korea. Journal of Korean Medical Science, 2022, 37, e13.	1.1	27
86	Reported Changes in Eating Habits Related to Less Healthy Foods and Beverages during the COVID-19 Pandemic among US Adults. Nutrients, 2022, 14, 526.	1.7	24
87	The Impact of Age and BMI on the VWF/ADAMTS13 Axis and Simultaneous Thrombin and Plasmin Generation in Hospitalized COVID-19 Patients. Frontiers in Medicine, 2021, 8, 817305.	1.2	7
89	Statistical estimation of deltoid subcutaneous fat pad thickness: implications for needle length for vaccination. Scientific Reports, 2022, 12, 1069.	1.6	5
90	Inflammatory laboratory findings associated with severe illness among hospitalized individuals with COVID-19 in Medan, Indonesia: a cross-sectional study. F1000Research, 0, 10, 1246.	0.8	0
91	Association between COVID-19 morbidity, mortality, and gross domestic product, overweight/ obesity, non-communicable diseases, vaccination rate: A cross-sectional study. Journal of Infection and Public Health, 2022, 15, 255-260.	1.9	13
92	The association of obesity with the progression and outcome of COVID-19: The insight from an artificial intelligence-based imaging quantitative analysis on computed tomography. Diabetes/Metabolism Research and Reviews, 2022, 38, e3519.	1.7	4
93	Obesity augments the disease burden in COVID-19: Updated data from an umbrella review. Clinical Obesity, 2022, 12, e12508.	1.1	17
94	The COVID-19, Obesity, and Food Insecurity Syndemic. Current Obesity Reports, 2022, 11, 70-79.	3.5	31
95	Minimal observed impact of HLA genotype on hospitalization and severity of SARS-CoV-2 infection. Hla, 2022, 99, 607-613.	0.4	4
96	A Joint Fairness Model with Applications to Risk Predictions for Underrepresented Populations. Biometrics, 2023, 79, 826-840.	0.8	2
97	The effects of the COVID-19 pandemic on weight loss in participants in a behavioral weight loss intervention. Obesity, 2022, 30, 1015-1026.	1.5	8
98	Molnupiravir for Oral Treatment of Covid-19 in Nonhospitalized Patients. New England Journal of Medicine, 2022, 386, 509-520.	13.9	1,260
101	Childhood obesity and risk of SARS-CoV-2 infection. International Journal of Obesity, 2022, 46, 1155-1159.	1.6	5
102	Patients With Super Obesity Do Not Perceive Themselves as Being at Higher Risk for a More Severe Course of COVID-19 Infection. Frontiers in Psychiatry, 2021, 12, 798662.	1.3	1
103	Healthcare Resource Utilization of Patients With COVID-19 Visiting US Hospitals. Value in Health, 2022, 25, 751-760.	0.1	10
104	Comparing body mass index and obesity-related comorbidities as predictors in hospitalized COVID-19 patients. Clinical Obesity, 2022, 12, e12514.	1.1	4
105	Propensity-Score-Matched Evaluation of Adverse Events Affecting Recovery after COVID-19 Vaccination: On Adenovirus and mRNA Vaccines. Vaccines, 2022, 10, 284.	2.1	4

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106	Cannabidiol inhibits SARS-CoV-2 replication through induction of the host ER stress and innate immune responses. <i>Science Advances</i> , 2022, 8, .	4.7	77
107	Presentation and Outcomes of Patients With End-Stage Kidney Disease Hospitalized With COVID-19 at a Tertiary Center in Riyadh, Kingdom of Saudi Arabia. <i>Cureus</i> , 2022, 14, e23575.	0.2	2
108	Discovery of Novel Epoxyketone Peptides as Lipase Inhibitors. <i>Molecules</i> , 2022, 27, 2261.	1.7	4
109	What Is Currently Known about the Role of CXCL10 in SARS-CoV-2 Infection?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3673.	1.8	43
110	Postâ€COVIDâ€™19 Syndrome in Outpatients: a Cohort Study. <i>Journal of General Internal Medicine</i> , 2022, 37, 1943-1952.	1.3	34
111	Innate lymphoid cells and COVID-19 severity in SARS-CoV-2 infection. <i>ELife</i> , 2022, 11, .	2.8	37
112	Intubation Timing in COVID-19 Based on ROX Index and Association With Patient Outcomes. <i>Respiratory Care</i> , 2022, 67, 1291-1299.	0.8	3
113	Evaluation of the Health Situation among Recovered Cases of COVID-19 in West Bank, Palestine, and Their Onset/Recovery Time. <i>Journal of Environmental and Public Health</i> , 2022, 2022, 1-10.	0.4	5
114	Impact of Social Disparities on Cardiovascular Disease and COVID-19 Outcomes. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2022, 42, 84-89.	1.2	5
115	Overcoming congressional inertia on obesity requires better literacy in obesity science. <i>Obesity</i> , 2022, 30, 799-801.	1.5	5
116	Geography of Disparity: Connecting COVID-19 Vulnerability and Social Determinants of Health in Colorado. <i>Behavioral Medicine</i> , 2022, 48, 72-84.	1.0	10
117	Inflammation and oxidative stress, the links between obesity and COVID-19: a narrative review. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 581-591.	1.3	11
118	Is Lone Hypertension a Risk Factor for More Severe COVID-19 Outcomes?. <i>Global Heart</i> , 2022, 17, 17.	0.9	4
119	Coronavirus disease 2019 and the liver. <i>Current Opinion in Gastroenterology</i> , 2022, Publish Ahead of Print, .	1.0	3
120	Impact of COVIDâ€™19 on life experiences reported by a diverse cohort of older adults with diabetes and obesity. <i>Obesity</i> , 2022, , .	1.5	4
122	Estimating the healthcare cost of overweight and obesity in South Africa. <i>Global Health Action</i> , 2022, 15, 2045092.	0.7	12
123	Development and Evaluation of Integrated Chrono-Nutrition Weight Reduction Program among Overweight/Obese with Morning and Evening Chronotypes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4469.	1.2	5
124	The COVID-19 pandemic â€™ challenges for obesity management. A call for providing reliable data and solutions. <i>Obesity Facts</i> , 2022, , .	1.6	1

#	ARTICLE	IF	CITATIONS
125	The new normal: Covid-19 risk perceptions and support for continuing restrictions past vaccinations. PLoS ONE, 2022, 17, e0266602.	1.1	6
126	Weight excess association with severity in children and adolescents with COVID-19: A systematic review. Clinical Nutrition ESPEN, 2022, 49, 114-120.	0.5	3
127	Estimation of Coronavirus Disease 2019 Hospitalization Costs From a Large Electronic Administrative Discharge Database, March 2020–July 2021. Open Forum Infectious Diseases, 2021, 8, ofab561.	0.4	13
129	Patterns and predictors of sick leave among Swedish non-hospitalized healthcare and residential care workers with Covid-19 during the early phase of the pandemic. PLoS ONE, 2021, 16, e0260652.	1.1	15
131	Inflammatory laboratory findings associated with severe illness among hospitalized individuals with COVID-19 in Medan, Indonesia: a cross-sectional study. F1000Research, 2021, 10, 1246.	0.8	3
132	Determinants of Outcome Among Critically Ill Police Personnel With COVID-19: A Retrospective Observational Study From Andhra Pradesh, India. Cureus, 2021, 13, e20394.	0.2	0
133	Demographic, clinical, electrocardiographic and echocardiographic characteristics of patients hospitalized with COVID-19 and cardiac disease at a tertiary hospital, South Africa. Cardiovascular Diagnosis and Therapy, 2021, 11, 1228-1240.	0.7	3
134	Comprehensive adjusted outcome data are needed to assess the impact of immune checkpoint inhibitors in cancer patients with COVID-19: Results of a systematic review and meta-analysis. Reviews in Medical Virology, 2022, 32, e2352.	3.9	6
135	Hospitalization, mechanical ventilation, and case-fatality outcomes in US veterans with COVID-19 disease between years 2020–2021. Annals of Epidemiology, 2022, 70, 37-44.	0.9	3
136	Disparities in Underlying Health Conditions and COVID-19 Infection and Mortality in Louisiana, USA. Journal of Racial and Ethnic Health Disparities, 2022, , 1.	1.8	4
137	Clinical, social, and policy factors in COVID-19 cases and deaths: methodological considerations for feature selection and modeling in county-level analyses. BMC Public Health, 2022, 22, 747.	1.2	14
138	Role of body mass index in outcomes of patients hospitalized with COVID-19 illness. Obesity Science and Practice, 2022, 8, 748-756.	1.0	3
139	Evidence and Implications of the Affordable Care Act for Racial/Ethnic Disparities in Diabetes Health During and Beyond the Pandemic. Population Health Management, 2022, 25, 235-243.	0.8	3
140	SARS-CoV-2 Infection: Host Response, Immunity, and Therapeutic Targets. Inflammation, 2022, 45, 1430-1449.	1.7	16
141	Rehabilitation outcomes in Huntington disease patients with low body mass index.. Journal of Musculoskeletal Neuronal Interactions, 2022, 22, 79-86.	0.1	0
143	Early and Longitudinal Humoral Response to the SARS-CoV-2 mRNA BNT162b2 Vaccine in Healthcare Workers: Significance of BMI, Adipose Tissue and Muscle Mass on Long-Lasting Post-Vaccinal Immunity. Viruses, 2022, 14, 868.	1.5	6
144	Prevalence of Childhood Obesity by Country, Family Socio-Demographics, and Parental Obesity in Europe: The Feel4Diabetes Study. Nutrients, 2022, 14, 1830.	1.7	8
145	Obesity and Its Impact on Adverse In-Hospital Outcomes in Hospitalized Patients With COVID-19. Frontiers in Endocrinology, 2022, 13, 876028.	1.5	11



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146	Presence of SARS-CoV-2 antibodies following COVID-19 diagnosis: a longitudinal study of patients at a major urgent care provider in New York. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 103, 115720.	0.8	2
147	Insights in paediatric virology during the COVID-19 era (Review). <i>Medicine International</i> , 2022, 2, .	0.2	0
148	Management of Hematologic Malignancies in the Era of COVID-19 Pandemic: Pathogenetic Mechanisms, Impact of Obesity, Perspectives, and Challenges. <i>Cancers</i> , 2022, 14, 2494.	1.7	7
149	N6-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	9
150	Reviving the mutual impact of SARS-COV-2 and obesity on patients: From morbidity to mortality. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113178.	2.5	8
151	Obesity: Policy and Practice Recommendations for High-Risk Populations Influenced by the COVID-19 Pandemic. <i>MSystems</i> , 2022, 7, .	1.7	2
152	Lycopus lucidus Turcz Water Extract Ameliorates the Metabolic Disorder by Up-Regulated Major Urinary Protein Expression in High-Fat Diet-Induced Obesity. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2417-2430.	1.0	2
153	Association of Obesity With COVID-19 Severity and Mortality: An Updated Systemic Review, Meta-Analysis, and Meta-Regression. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	68
154	Outcomes Following Taxation of Sugar-Sweetened Beverages. <i>JAMA Network Open</i> , 2022, 5, e2215276.	2.8	79
155	Morbidity and Mortality of COVID in Relation to Age, Sex and BMI. <i>ABC Journal of Advanced Research</i> , 2021, 11, 33-46.	0.5	0
157	A retrospective cohort study on COVID-19 at 2 Los Angeles hospitals: Older age, low triage oxygenation, and chronic kidney disease among the top risk factors associated with in-hospital mortality. <i>PLoS ONE</i> , 2022, 17, e0268688.	1.1	4
158	Comparison of infection-induced and vaccine-induced immunity against COVID-19 in patients with cirrhosis. <i>Hepatology</i> , 2023, 77, 186-196.	3.6	11
159	In-Hospital Mortality Among Hospitalized COVID-19 Patients in the United States: How did it change in 2021?. <i>Open Forum Infectious Diseases</i> , 0, , .	0.4	0
160	Obesity: A comorbidity-acquired immunodeficiency syndrome (CAIDS). <i>International Reviews of Immunology</i> , 2023, 42, 415-429.	1.5	0
161	Mechanisms of lung and diaphragmatic protection by high PEEP in obese COVID-19 ARDS: role of the body mass index. <i>Critical Care</i> , 2022, 26, .	2.5	3
163	Aerosol Transport Modeling: The Key Link Between Lung Infections of Individuals and Populations. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	12
164	Serum microRNAs targeting ACE2 and RAB14 genes distinguish asymptomatic from critical COVID-19 patients. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 76-87.	2.3	14
165	Changes in body weight, health behaviors, and mental health in adults with obesity during the COVID-19 pandemic. <i>Obesity</i> , 2022, 30, 1875-1886.	1.5	18

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166	Obesity-Mediated Immune Modulation: One Step Forward, (Th)2 Steps Back. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	12
167	Immunogenicity and efficacy of Ad26.<scp>COV2</scp>.S: An adenoviral vectorâ€‘based <scp>COVID</scp>â€‘19 vaccine. <i>Immunological Reviews</i> , 2022, 310, 47-60.	2.8	10
168	Editorial: Democratizing and Innovating Public Health Nutrition Research. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	0
169	Pandemic Preparedness: Maintaining Adequate Immune Fitness by Attaining a Normal, Healthy Body Weight. <i>Journal of Clinical Medicine</i> , 2022, 11, 3933.	1.0	9
170	DISCOVID: discovering patterns of COVID-19 infection from recovered patients: a case study in Saudi Arabia. <i>International Journal of Information Technology (Singapore)</i> , 2022, 14, 2825-2838.	1.8	5
171	COVIDâ€‘19, obesity, and immune response 2â€‘years after the pandemic: A timeline of scientific advances. <i>Obesity Reviews</i> , 2022, 23, .	3.1	6
172	Characteristics and mortality of 561,379 hospitalized COVID-19 patients in Germany until December 2021 based on real-life data. <i>Scientific Reports</i> , 2022, 12, .	1.6	20
173	The prognostic value of biomarker levels and chest imaging in patients with COVID-19 presenting to the emergency department. <i>American Journal of Emergency Medicine</i> , 2022, 59, 15-23.	0.7	1
174	Effects of mild obesity on outcomes in Japanese patients with COVID-19: a nationwide consortium to investigate COVID-19 host genetics. <i>Nutrition and Diabetes</i> , 2022, 12, .	1.5	10
175	Endoscopic sleeve gastropasty for treatment of class 1 and 2 obesity (MERIT): a prospective, multicentre, randomised trial. <i>Lancet, The</i> , 2022, 400, 441-451.	6.3	102
176	Obesity, Bariatric Surgery, and Postoperative Nutritional Management. <i>Physician Assistant Clinics</i> , 2022, , .	0.1	0
178	Statistical Analysis Methods Applied to Early Outpatient COVID-19 Treatment Case Series Data. <i>Covid</i> , 2022, 2, 1139-1182.	0.7	1
179	Essential for society but not equally deserving of preferential treatment? A discrete-choice experiment regarding COVID-19 healthcare. <i>Social Science and Medicine</i> , 2022, 311, 115304.	1.8	1
180	Body mass index and clinical outcome of severe COVID-19 patients with acute hypoxic respiratory failure: Unravelling the â€‘obesity paradoxâ€‘phenomenon. <i>Clinical Nutrition ESPEN</i> , 2022, 51, 377-384.	0.5	2
181	Clinical outcomes of COVID-19 infection in patients with pre-existing cardiovascular disease. <i>American Heart Journal Plus</i> , 2022, 20, 100189.	0.3	5
182	The Role of Childhood Obesity in Acute Presentations and Outcomes of Hospitalized COVID-19 Patients. <i>Cureus</i> , 2022, , .	0.2	1
183	Allograft inflammatory factor-1-like is a situational regulator of leptin levels, hyperphagia, and obesity. <i>IScience</i> , 2022, 25, 105058.	1.9	0
184	Ã–kotropologie: Die Corona-Pandemie und der Risikofaktor ErnÃ–hrung. <i>Ars Digitalis</i> , 2022, , 137-156.	0.2	0

#	ARTICLE	IF	CITATIONS
185	Association between obesity and hospitalization in mild COVID-19 adult outpatients in Brazil: a prospective cohort study. <i>Archives of Endocrinology and Metabolism</i> , 2022, 66, 512-521.	0.3	0
186	An Innovative Approach to Employer-Provided Benefits for Obesity Care: A Case Report on H-E-B's Healthier Lifestyle Choices Program. <i>NAM Perspectives</i> , 0, 9, .	1.3	0
187	Pre-hospital Aspirin Use and Patient Outcomes in COVID-19: Results from the International Viral Infection and Respiratory Illness Universal Study (VIRUS). <i>Archivos De Bronconeumologia</i> , 2022, 58, 746-753.	0.4	7
188	Pinostrobin: An Adipogenic Suppressor from Fingerroot ( <i>Boesenbergia rotunda</i> ) and Its Possible Mechanisms. <i>Foods</i> , 2022, 11, 3024.	1.9	8
189	Barriers to Coronavirus Disease 19 vaccination in patients with obesity. <i>American Journal of Surgery</i> , 2022, , .	0.9	2
190	Obesity and COVID-19 Disease: To Inflammate or Not. <i>American Journal of Respiratory and Critical Care Medicine</i> , 0, , .	2.5	0
191	Machine learning-derived prediction of in-hospital mortality in patients with severe acute respiratory infection: analysis of claims data from the German-wide Helios hospital network. <i>Respiratory Research</i> , 2022, 23, .	1.4	0
192	The Impact of Early Levothyroxine Replacement in Subclinical Hypothyroidism on Glycemic Control Parameters and Quality of Life in Adult Patients. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 2098-2103.	0.1	0
193	Correlation between Type I Interferon Associated Factors and COVID-19 Severity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10968.	1.8	9
194	Inpatient care cost, duration, and acute complications associated with <scp>BMI</scp> in children and adults hospitalized for <scp>COVID</scp>â€19. <i>Obesity</i> , 2022, 30, 2055-2063.	1.5	7
195	Anorexia nervosa and <scp>COVID</scp> â€19 infection: Clinical case report. <i>Clinical Case Reports (discontinued)</i> , 2022, 10, .	0.2	0
196	Obesity and Dysmetabolic Factors among Deceased COVID-19 Adults under 65 Years of Age in Italy: A Retrospective Case-Control Study. <i>Viruses</i> , 2022, 14, 1981.	1.5	3
197	Geographic disparities and determinants of COVID-19 incidence risk in the greater St. Louis Area, Missouri (United States). <i>PLoS ONE</i> , 2022, 17, e0274899.	1.1	3
198	Third dose of COVID-19 mRNA vaccine appears to overcome vaccine hyporesponsiveness in patients with cirrhosis. <i>Journal of Hepatology</i> , 2022, 77, 1349-1358.	1.8	23
199	Body Mass Index and Risk for COVID-19-Related Hospitalization in Adults Aged 50 and Older in Europe. <i>Nutrients</i> , 2022, 14, 4001.	1.7	4
200	Comorbidities associated with 30-day readmission following index coronavirus disease 2019 (COVID-19) hospitalization: A retrospective cohort study of 331,136 patients in the United States. <i>Infection Control and Hospital Epidemiology</i> , 2023, 44, 1325-1333.	1.0	1
201	Association of BMI with general health, working capacity recovered, and postâ€acute sequelae of <scp>COVID</scp>â€19. <i>Obesity</i> , 2023, 31, 43-48.	1.5	8
202	A randomized, double-blind, placebo-controlled clinical trial of 8-week intranasal oxytocin administration in adults with obesity: Rationale, study design, and methods. <i>Contemporary Clinical Trials</i> , 2022, 122, 106909.	0.8	4

#	ARTICLE	IF	CITATIONS
203	Contribution of Lipid Mediators in Divergent Outcomes following Acute Bacterial and Viral Lung Infections in the Obese Host. <i>Journal of Immunology</i> , 2022, 209, 1323-1334.	0.4	2
204	Genome-Wide Association Analysis of Over 170,000 Individuals from the UK Biobank Identifies Seven Loci Associated with Dietary Approaches to Stop Hypertension (DASH) Diet. <i>Nutrients</i> , 2022, 14, 4431.	1.7	3
205	COVID-19: Reducing the risk via diet and lifestyle. <i>Journal of Integrative Medicine</i> , 2023, 21, 1-16.	1.4	4
206	Reporting and representation of obesity in randomized controlled trials of noninvasive oxygenation strategies in hypoxemic respiratory failure. <i>Internal and Emergency Medicine</i> , 0, , .	1.0	0
208	Missing science: A scoping study of COVID-19 epidemiological data in the United States. <i>PLoS ONE</i> , 2022, 17, e0248793.	1.1	1
209	Endobariatrics: well past infancy and maturing rapidly. <i>Current Opinion in Gastroenterology</i> , 2022, 38, 592-599.	1.0	0
210	Assessment of the post-SARS-CoV-2 vaccination response depending on the epidemiological status, demographic parameters and levels of selected cytokines in medical personnel. <i>Postepy Dermatologii i Alergologii</i> , 2022, 39, 913-922.	0.4	0
211	Changes in individuals' eating habits and mood, sleep quality, and lifestyle during COVID-19. <i>European Journal of Environment and Public Health</i> , 2023, 7, em0129.	0.9	1
212	Nutrition and Exercise for Wellness and Recovery: A Randomized Controlled Trial of a Community-Based Health Intervention. <i>Psychiatric Services</i> , 2023, 74, 463-471.	1.1	1
213	The use of a new oral antiviral drug molnupiravir in the treatment of COVID-19 from a safety perspective. <i>Kachestvennaya Klinicheskaya Praktika</i> , 2022, , 35-51.	0.2	1
214	Obesity as a risk factor for severe influenza infection in children and adolescents: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 0, , .	1.3	2
215	Infectious Complications in Special Hosts. , 2023, , 665-673.e4.		0
216	The response to the COVID-19 pandemic: With hindsight what lessons can we learn?. <i>Progress in Cardiovascular Diseases</i> , 2023, 76, 76-83.	1.6	4
218	Association between body-mass index, patient characteristics, and obesity-related comorbidities among COVID-19 patients: A prospective cohort study. <i>Obesity Research and Clinical Practice</i> , 2023, 17, 47-57.	0.8	6
219	Association of body mass index with COVID-19-related neurologic sequelae: a retrospective cohort study. <i>Clinical and Experimental Medicine</i> , 0, , .	1.9	0
220	Correlates of Coronavirus Disease 2019 Inpatient Mortality at a Southern California Community Hospital With a Predominantly Hispanic/Latino Adult Population. <i>Open Forum Infectious Diseases</i> , 2023, 10, .	0.4	3
221	Inter-rater reliability and prognostic value of baseline Radiographic Assessment of Lung Edema (RALE) scores in observational cohort studies of inpatients with COVID-19. <i>BMJ Open</i> , 2023, 13, e066626.	0.8	4
222	Associations between chronic conditions and death in hospital among adults (aged 20+ years) during first acute care hospitalizations with a confirmed or suspected COVID-19 diagnosis in Canada. <i>PLoS ONE</i> , 2023, 18, e0280050.	1.1	0

#	ARTICLE	IF	CITATIONS
223	Inventory study of an early pandemic COVID-19 cohort in South-Eastern Sweden, focusing on neurological manifestations. PLoS ONE, 2023, 18, e0280376.	1.1	1
224	Clinical characteristics and the risk of hospitalization of patients with coronavirus disease 2019 quarantined in a designated hotel in Japan. PLoS ONE, 2023, 18, e0280291.	1.1	0
225	The impact of age and obesity on outcomes among patients hospitalized with COVID-19 in Denmark: A nationwide cohort study. Obesity Science and Practice, 2023, 9, 355-363.	1.0	1
226	High grip strength attenuates risk of severe COVID-19 in males but not females with obesity: A short communication of prospective findings from UK Biobank. Obesity Research and Clinical Practice, 2023, , .	0.8	0
227	Non-Typical Clinical Presentation of COVID-19 Patients in Association with Disease Severity and Length of Hospital Stay. Journal of Personalized Medicine, 2023, 13, 132.	1.1	1
228	Metabolic risks and prognosis of COVID-19: are dietary patterns important?. Nutrition and Food Science, 2023, 53, 752-768.	0.4	3
229	A multimodal strategy to improve race/ethnic group equity in administration of neutralizing monoclonal antibody treatment for COVID-19 outpatients. Journal of Clinical and Translational Science, 2023, 7, .	0.3	1
230	The Impact of Various Methods of Obesity Treatment on the Quality of Life and Mental Health—A Narrative Review. International Journal of Environmental Research and Public Health, 2023, 20, 2122.	1.2	2
231	Obesity and adverse childhood experiences in relation to stress during the COVID-19 pandemic: an analysis of the Canadian Longitudinal Study on Aging. International Journal of Obesity, 0, , .	1.6	5
232	Cardiorespiratory fitness levels and body mass index of pre-adolescent children and older adults during the COVID-19 pandemic. Frontiers in Public Health, 0, 10, .	1.3	1
233	The Immune, Inflammatory and Hematological Response in COVID-19 Patients, According to the Severity of the Disease. Microorganisms, 2023, 11, 319.	1.6	7
234	Epidemiology of Obesity. , 2023, , 1-47.		0
235	Premature cardiovascular disease mortality with overweight and obesity as a risk factor: estimating excess mortality in the United States during the COVID-19 pandemic. International Journal of Obesity, 2023, 47, 273-279.	1.6	5
236	Public policy for healthy living: How COVID-19 has changed the landscape. Progress in Cardiovascular Diseases, 2023, 76, 49-56.	1.6	7
237	Severely ill and high-risk COVID-19 patients exhibit increased peripheral circulation of CD62L+ and perforin+ T cells. Frontiers in Immunology, 0, 14, .	2.2	1
238	Outcomes of Early Versus Late Tracheostomy in Patients With COVID-19: A Multinational Cohort Study. , 2022, 4, e0796.		4
239	The Impact of Vaccination on Disease Course and Outcome in Intensive Care Patients With COVID-19. Sklifosovsky Journal Emergency Medical Care, 2023, 11, 610-623.	0.3	1
240	A Prospective Observational Study on Short and Long-Term Outcomes of COVID-19 Patients with Acute Hypoxic Respiratory Failure Treated with High-Flow Nasal Cannula. Journal of Clinical Medicine, 2023, 12, 1249.	1.0	1

#	ARTICLE	IF	CITATIONS
241	The intersection of obesity and (long) COVID-19: Hypoxia, thrombotic inflammation, and vascular endothelial injury. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	17
242	Weight Regain After Bariatric Surgery: Scope of the Problem, Causes, Prevention, and Treatment. <i>Current Diabetes Reports</i> , 2023, 23, 31-42.	1.7	16
243	The Role of Nutrition in Mitigating the Effects of COVID-19 from Infection through PASC. <i>Nutrients</i> , 2023, 15, 866.	1.7	5
244	Clinical Characteristics and Outcomes of SARS-CoV-2 Positive Neonates Born to Persons With SARS-CoV-2 Infection in Pregnancy in Los Angeles County, California, May 22, 2020â€“February 22, 2021. <i>Pediatric Infectious Disease Journal</i> , 2023, 42, 418-422.	1.1	3
245	Tocilizumab Versus Baricitinib for the Treatment of COVID-19 in Patients With Obesity. <i>Journal of Pharmacy Practice</i> , 0, , 089719002311589.	0.5	1
246	Burden of illness associated with overweight and obesity in patients hospitalized with COVID-19 in the United States: analysis of the premier healthcare database from April 1, 2020 to October 31, 2020. <i>Journal of Medical Economics</i> , 2023, 26, 376-385.	1.0	0
247	Associations of body mass index with severe outcomes of COVID-19 among critically ill elderly patients: A prospective study. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	1
249	The Emerging Prevalence of Obesity within Families in Europe and its Associations with Family Socio-Demographic Characteristics and Lifestyle Factors; A Cross-Sectional Analysis of Baseline Data from the Feel4Diabetes Study. <i>Nutrients</i> , 2023, 15, 1283.	1.7	4
251	Nutrition and immunity: perspectives on key issues and next steps. <i>Applied Physiology, Nutrition and Metabolism</i> , 0, , .	0.9	1
253	When the COVID-19 pandemic collides with the obesity epidemic in the United States: a national survey. <i>Surgery for Obesity and Related Diseases</i> , 2023, 19, 434-439.	1.0	3
254	Patterns and predictors of depressive and anxiety symptoms within a population-based sample of adults diagnosed with COVID-19 in Michigan. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2023, 58, 1099-1108.	1.6	1
255	Obesity and Critical Illness-Associated Mortality: Paradox, Persistence and Progress*. <i>Critical Care Medicine</i> , 2023, 51, 551-554.	0.4	1
256	Health progression for Covid-19 survivors hospitalized in geriatric clinics in Sweden. <i>PLoS ONE</i> , 2023, 18, e0283344.	1.1	0
257	Obesity-Related Discourse on Facebook and Instagram Throughout the COVID-19 Pandemic: Comparative Longitudinal Evaluation. <i>JMIR Infodemiology</i> , 0, 3, e40005.	1.0	2
258	Ursodeoxycholic acid is associated with a reduction in SARSâ€“CoVâ€“2 infection and reduced severity of COVIDâ€“19 in patients with cirrhosis. <i>Journal of Internal Medicine</i> , 2023, 293, 636-647.	2.7	20
260	Mortality in COVID-19 older patients hospitalized in a geriatric ward: Is obesity protective?. <i>BMC Geriatrics</i> , 2023, 23, .	1.1	1
261	Evolution of SARS-CoV-2 Variants: Implications on Immune Escape, Vaccination, Therapeutic and Diagnostic Strategies. <i>Viruses</i> , 2023, 15, 944.	1.5	19
262	Global prevalence and effect of comorbidities and smoking status on severity and mortality of COVID-19 in association with age and gender: a systematic review, meta-analysis and meta-regression. <i>Scientific Reports</i> , 2023, 13, .	1.6	15

#	ARTICLE	IF	CITATIONS
265	Comorbid Obesity and Its Impact on Diabetes and COVID-19. Contemporary Endocrinology, 2023, , 93-107.	0.3	0
287	Multisystem inflammatory syndrome in children: a longitudinal perspective on risk factors and future directions. Pediatric Research, 0, , .	1.1	0
314	Adipose Tissues. , 2024, , 469-515.		0