

# Ventilator-associated pneumonia in adults: a narrative

Intensive Care Medicine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	New perspectives in the antibiotic treatment of mechanically ventilated patients with infections from Gram-negatives. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 825-844.	2.0	6
2	Evaluation of the FilmArray <sup>®</sup> Pneumonia Plus Panel for Rapid Diagnosis of Hospital-Acquired Pneumonia in Intensive Care Unit Patients. <i>Frontiers in Microbiology</i> , 2020, 11, 2080.	1.5	21
3	Evaluation of bacterial co-infections of the respiratory tract in COVID-19 patients admitted to ICU. <i>BMC Infectious Diseases</i> , 2020, 20, 646.	1.3	254
4	Nosocomial pneumonia diagnosis revisited. <i>Current Opinion in Critical Care</i> , 2020, 26, 442-449.	1.6	6
5	Risks of ventilator-associated pneumonia and invasive pulmonary aspergillosis in patients with viral acute respiratory distress syndrome related or not to Coronavirus 19 disease. <i>Critical Care</i> , 2020, 24, 699.	2.5	93
6	Pulmonary infections complicating ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2168-2183.	3.9	69
7	Pharmacotherapy for Hospitalized Patients with COVID-19: Treatment Patterns by Disease Severity. <i>Drugs</i> , 2020, 80, 1961-1972.	4.9	24
8	Population Pharmacokinetics and Target Attainment of Cefepime in Critically Ill Patients and Guidance for Initial Dosing. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	25
9	Diagnosis of ventilator-associated pneumonia in critically ill adult patients—a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2020, 46, 1170-1179.	3.9	98
10	Performance of a multiplex polymerase chain reaction panel for identifying bacterial pathogens causing pneumonia in critically ill patients with COVID-19. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 99, 115183.	0.8	31
11	Deep odontogenic infections—identifying risk factors for nosocomial pneumonia. <i>Clinical Oral Investigations</i> , 2021, 25, 1925-1932.	1.4	7
12	Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study. <i>Intensive Care Medicine</i> , 2021, 47, 188-198.	3.9	237
13	Community-acquired and hospital-acquired respiratory tract infection and bloodstream infection in patients hospitalized with COVID-19 pneumonia. <i>Journal of Intensive Care</i> , 2021, 9, 10.	1.3	52
14	Microorganisms and clinical outcomes of early- and late-onset ventilator-associated pneumonia at Srinagarind Hospital, a tertiary center in Northeastern Thailand. <i>BMC Pulmonary Medicine</i> , 2021, 21, 47.	0.8	14
15	Device associated infections at a trauma surgical center of India: Trend over eight years. <i>Indian Journal of Medical Microbiology</i> , 2021, 39, 15-18.	0.3	5
16	Is COPD associated with increased risk for microaspiration in intubated critically ill patients?. <i>Annals of Intensive Care</i> , 2021, 11, 7.	2.2	0
18	Epidemiology and microbiology of ventilator-associated pneumonia in COVID-19 patients: a multicenter retrospective study in 188 patients in an un-inundated French region. <i>Critical Care</i> , 2021, 25, 72.	2.5	83
19	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 555.	1.0	93

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21	Rates of Ventilator Associated Pneumonia in Saudi Ministry of Health Hospitals; A Two-year Multi-Center Study. <i>American Journal of Infectious Diseases and Microbiology</i> , 2021, 9, 25-31.	0.2	2
24	Protocol for an international, multicentre, prospective, observational study of nosocomial pneumonia in intensive care units: the PneumoINSPIRE study. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2021, 23, 59-66.	0.0	0
25	Novel Approaches to Combat Medical Device-Associated BioFilms. <i>Coatings</i> , 2021, 11, 294.	1.2	41
26	Nosocomial Pneumonia in the Era of Multidrug-Resistance: Updates in Diagnosis and Management. <i>Microorganisms</i> , 2021, 9, 534.	1.6	15
27	Risk factors for postoperative pneumonia after cardiac surgery: a prediction model. <i>Journal of Thoracic Disease</i> , 2021, 13, 2351-2362.	0.6	30
28	Role of head-of-bed elevation in preventing ventilator-associated pneumonia bed elevation and pneumonia. <i>Nursing in Critical Care</i> , 2022, 27, 635-645.	1.1	16
29	Evaluation of superinfection, antimicrobial usage, and airway microbiome with metagenomic sequencing in COVID-19 patients: A cohort study in Shanghai. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 808-815.	1.5	22
30	Reducing the dosing frequency of selective digestive tract decontamination to three times daily provides effective decontamination of Gram-negative bacteria. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 1843-1850.	1.3	0
31	Accurately Measuring Preventable Ventilator-associated Pneumonia Deaths Using Observational Data: It's About Time. <i>Annals of the American Thoracic Society</i> , 2021, 18, 777-779.	1.5	2
32	Impact of dexamethasone on the incidence of ventilator-associated pneumonia and blood stream infections in COVID-19 patients requiring invasive mechanical ventilation: a multicenter retrospective study. <i>Annals of Intensive Care</i> , 2021, 11, 87.	2.2	45
33	Ventilator-Associated Pneumonia in Patients with COVID-19: A Systematic Review and Meta-Analysis. <i>Antibiotics</i> , 2021, 10, 545.	1.5	66
34	Coupling Additive Manufacturing with Hot Melt Extrusion Technologies to Validate a Ventilator-Associated Pneumonia Mouse Model. <i>Pharmaceutics</i> , 2021, 13, 772.	2.0	7
35	Relationship between ventilator-associated pneumonia and mortality in COVID-19 patients: a planned ancillary analysis of the coVAPid cohort. <i>Critical Care</i> , 2021, 25, 177.	2.5	69
36	Predicting the 14-Day Hospital Readmission of Patients with Pneumonia Using Artificial Neural Networks (ANN). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5110.	1.2	12
37	Relationship Between Obesity and Ventilator-Associated Pneumonia. <i>Chest</i> , 2021, 159, 2309-2317.	0.4	14
38	Plasma Robot Engineering: The Next Generation of Precision Disease Management. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1593-1597.	1.3	4
39	Systematic review of studies investigating ventilator associated pneumonia diagnostics in intensive care. <i>BMC Pulmonary Medicine</i> , 2021, 21, 196.	0.8	14
40	Rapid identification of bacteria from respiratory samples of patients hospitalized in intensive care units, with FilmArray Pneumonia Panel Plus. <i>International Journal of Infectious Diseases</i> , 2021, 108, 568-573.	1.5	9

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41	The effect of ventilator-associated pneumonia on the prognosis of intensive care unit patients within 90 days and 180 days. BMC Infectious Diseases, 2021, 21, 684.	1.3	17
42	Secondary pneumonias in critically ill patients with COVID-19: risk factors and outcomes. Current Opinion in Critical Care, 2021, 27, 468-473.	1.6	15
43	Continuous Pneumatic Regulation of Tracheal Cuff Pressure to Decrease Ventilator-associated Pneumonia in Trauma Patients Who Were Mechanically Ventilated. Chest, 2021, 160, 499-508.	0.4	21
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49	Bronchoscopy in Critically Ill COVID-19 Patients. Journal of Bronchology and Interventional Pulmonology, 2021, Publish Ahead of Print, .	0.8	1
50	Management of the patient with the open abdomen. Current Opinion in Critical Care, 2021, 27, 726-732.	1.6	3
51	Incidence, Outcomes and Sex-Related Disparities in Pneumonia: A Matched-Pair Analysis with Data from Spanish Hospitals (2016-2019). Journal of Clinical Medicine, 2021, 10, 4339.	1.0	8
52	Comparative evaluation of ventilator-associated pneumonia in critically ill COVID-19 and patients infected with other corona viruses: a systematic review and meta-analysis. Monaldi Archives for Chest Disease, 2021, , .	0.3	7
53	Clinical characteristics and outcomes of neonates with polymicrobial ventilator-associated pneumonia in the intensive care unit. BMC Infectious Diseases, 2021, 21, 965.	1.3	9
54	Oropharyngeal Decontamination for Prevention of VAP in Patients Admitted to Intensive Care Units: A Systematic Review. Journal of Caring Sciences, 2021, , .	0.5	1
55	Inhaled amikacin versus placebo to prevent ventilator-associated pneumonia: the AMIKINHAL double-blind multicentre randomised controlled trial protocol. BMJ Open, 2021, 11, e048591.	0.8	4
56	Increased Incidence of Ventilator-Acquired Pneumonia in Coronavirus Disease 2019 Patients: A Multicentric Cohort Study*. Critical Care Medicine, 2022, 50, 449-459.	0.4	37
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60	Effectiveness and safety of adjunctive inhaled antibiotics for ventilator-associated pneumonia: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Critical Care</i> , 2021, 65, 133-139.	1.0	14
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65	Ventilator-associated pneumonia in patients with SARS-CoV-2-associated acute respiratory distress syndrome requiring ECMO: a retrospective cohort study. <i>Annals of Intensive Care</i> , 2020, 10, 158.	2.2	108
66	Perioperative Use of Glucocorticoids and Intraoperative Hypotension May Affect the Incidence of Postoperative Infection in Patients with Gastric Cancer: A Retrospective Cohort Study. <i>Cancer Management and Research</i> , 2021, Volume 13, 7723-7734.	0.9	2
67	Pulmonary Infections, Including Ventilator-Associated Pneumonia. <i>Critical Care Nursing Clinics of North America</i> , 2021, 33, 381-393.	0.4	1
68	Diagnóstico microbiológico en lavado broncoalveolar. Revisión de la literatura. <i>Medicina Y Laboratorio</i> , 2021, 25, 675-693.	0.0	0
69	Influence of LncRNA NKILA on Bloodstream Infection of Hypervirulent <i>Klebsiella pneumoniae</i> and Its Ability to Induce Delayed Neutrophil Apoptosis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	0.5	2
70	Zinc supplementation in mechanically ventilated ICU patients: A promising preventive modality for ventilator-associated pneumonia. <i>Clinical Nutrition Open Science</i> , 2021, 40, 38-39.	0.5	0
71	Study of microbiological and antibiotic sensitivity pattern of ventilator associated pneumonia (VAP) in ICU of a tertiary care hospital in Nepal. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 6171.	0.3	3
72	A Rare Case of Ventilator-Associated Pneumonia Caused by <i>Cupriavidus Pauculus</i> . <i>Cureus</i> , 2020, 12, e8573.	0.2	3
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74	Healthcare workers' knowledge of evidence-based guidelines for prevention of ventilator-associated pneumonia in Hodeida, Yemen. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2023, 34, 321-327.	0.7	2
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76	Prevention of Healthcare-associated Infections in Intensive Care Unit Patients. <i>Anesthesiology</i> , 2021, 135, 1122-1131.	1.3	9

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78	Should oral chlorhexidine remain in ventilator-associated pneumonia prevention bundles?. <i>Medicina Intensiva</i> , 2022, 46, 259-268.	0.4	8
79	Impact of Healthcare-Associated Infections Connected to Medical Devices—An Update. <i>Microorganisms</i> , 2021, 9, 2332.	1.6	36
80	Ventilator-associated pneumonia among SARS-CoV-2 acute respiratory distress syndrome patients. <i>Current Opinion in Critical Care</i> , 2022, 28, 74-82.	1.6	40
81	Hafnia alvei Pneumonia: A Rare Cause of Infection in a Patient with COVID-19. <i>Microorganisms</i> , 2021, 9, 2369.	1.6	4
82	Diagnosis and Treatment of Bacterial Pneumonia in Critically Ill Patients with COVID-19 Using a Multiplex PCR Assay: A Large Italian Hospital's Five-Month Experience. <i>Microbiology Spectrum</i> , 2021, 9, e0069521.	1.2	19
83	Epidemiology, etiology, and diagnosis of health care acquired pneumonia including ventilator-associated pneumonia in Nepal. <i>PLoS ONE</i> , 2021, 16, e0259634.	1.1	3
84	Pathogens and antimicrobial resistance amongst stroke patients in the intensive care unit: A five years review from Benin City, Nigeria. <i>Annals of Clinical and Biomedical Research</i> , 2021, 2, .	0.0	0
86	Machine Learning Approach to Predict Positive Screening of Methicillin-Resistant <i>Staphylococcus aureus</i> During Mechanical Ventilation Using Synthetic Dataset From MIMIC-IV Database. <i>Frontiers in Medicine</i> , 2021, 8, 694520.	1.2	10
87	Incidence, Risk Factors, and Mortality From Hospital-Acquired Infections at a Hospital in Mauritius. <i>Cureus</i> , 2021, 13, e19962.	0.2	4
88	Tracheal stenosis in prolonged mechanically ventilated patients: prevalence, risk factors, and bronchoscopic management. <i>BMC Pulmonary Medicine</i> , 2022, 22, 24.	0.8	12
89	Investigating patient outcomes and healthcare costs associated with ventilator-associated pneumonia. <i>Nursing Management</i> , 2022, 29, 32-40.	0.1	2
90	Research on Effects of Oropharyngeal Aspiration on Incidence of Ventilator-Associated Pneumonia in Patients with Cerebral Hemorrhage in ICU. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-6.	1.1	2
91	Prevention of ventilator-associated pneumonia by noble metal coating of endotracheal tubes: a multi-center, randomized, double-blind study. <i>Annals of Intensive Care</i> , 2022, 12, 1.	2.2	6
92	Nutritional Status Disorders and Selected Risk Factors of Ventilator-Associated Pneumonia (VAP) in Patients Treated in the Intensive Care Ward—A Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 602.	1.2	5
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99	Ventilator-Associated Lower Respiratory Tract Bacterial Infections in COVID-19 Compared With Non-COVID-19 Patients*. Critical Care Medicine, 2022, 50, 825-836.	0.4	14
100	Preemptive acyclovir to prevent herpes simplex virus bronchopneumonitis in mechanically ventilated patients with herpes simplex virus oropharyngeal reactivation: An ancillary study of the preemptive treatment for herpesviridae trial. Antiviral Therapy, 2022, 27, 135965352110726.	0.6	0
101	Weaning of septic patients from the ventilator in the intensive care unit by attention approach to common antibiotic regimens. Journal of Family Medicine and Primary Care, 2022, 11, 1169.	0.3	0
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104	Brain-lung interaction: a vicious cycle in traumatic brain injury. Acute and Critical Care, 2022, 37, 35-44.	0.6	17
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108	Ceftolozane/tazobactam versus colistin in the treatment of ventilator-associated pneumonia due to extensively drug-resistant Pseudomonas aeruginosa. Scientific Reports, 2022, 12, 4455.	1.6	8
109	Clinical impact of ventilator-associated pneumonia in patients with the acute respiratory distress syndrome: a retrospective cohort study. Annals of Intensive Care, 2022, 12, 24.	2.2	3
110	Comparative Respiratory Tract Microbiome Between Carbapenem-Resistant Acinetobacter baumannii Colonization and Ventilator Associated Pneumonia. Frontiers in Microbiology, 2022, 13, 782210.	1.5	5
111	Empiric Treatment in HAP/VAP: â€œDonâ€™t You Want to Take a Leap of Faith?â€• Antibiotics, 2022, 11, 359.	1.5	8
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113	Performance Assessment of Medical Professionals in Prevention of Ventilator Associated Pneumonia in Intensive Care Units. International Journal of General Medicine, 2022, Volume 15, 3829-3838.	0.8	4
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116	VENTILATOR ASSOCIATED PNEUMONIA-REVIEW ARTICLE. , 2021, , 64-65.		0
117	Nudging healthcare professionals to improve treatment of COVID-19: a narrative review. BMJ Open Quality, 2021, 10, e001522.	0.4	10
118	The impact of dental care intervention on ventilator-associated events: A Quasi-experimental study. American Journal of Infection Control, 2022, 50, 1055-1059.	1.1	3
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120	Bacterial Ventilator-Associated Pneumonia in COVID-19 Patients: Data from the Second and Third Waves of the Pandemic. Journal of Clinical Medicine, 2022, 11, 2279.	1.0	13
121	Probiotics for the Prevention of Ventilator-Associated Pneumonia: An Updated Systematic Review and Meta-Analysis of Randomised Controlled Trials. Nutrients, 2022, 14, 1600.	1.7	16
123	Memory CD4+ T-Cell Lymphocytic Angiopathy in Fatal Forms of COVID-19 Pulmonary Infection. Frontiers in Immunology, 2022, 13, 844727.	2.2	2
124	A study of mechanical ventilation in the ICU after cardiac surgery: a bibliometric analysis. Journal of Thoracic Disease, 2022, 14, 1212-1224.	0.6	2
125	Probiotic in the prevention of ventilator-associated pneumonia in critically ill patients: evidence from meta-analysis and trial sequential analysis of randomized clinical trials. BMC Pulmonary Medicine, 2022, 22, 168.	0.8	5
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127	Ventilator-associated pneumonia in critically ill patients with COVID-19 infection: a narrative review. ERJ Open Research, 2022, 8, 00046-2022.	1.1	11
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129	Assessing mortality differences across acute respiratory failure management strategies in Covid-19. Journal of Critical Care, 2022, 70, 154045.	1.0	6
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131	What COVID-19 Has Taught Us: Ventilator-associated Pneumonia Is Back!. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 132-134.	2.5	1
132	Should oral chlorhexidine remain in ventilator-associated pneumonia prevention bundles?. Medicina Intensiva (English Edition), 2022, 46, 259-268.	0.1	0
133	A retrospective evaluation of multiple definitions for ventilator associated pneumonia (VAP) diagnosis in an Australian regional intensive care unit. Infection, Disease and Health, 2022, 27, 191-197.	0.5	1



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134	Management of Ventilator-Associated Pneumonia: Quality Assessment of Clinical Practice Guidelines and Variations in Recommendations on Drug Therapy for Prevention and Treatment. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	3
135	Infections Acquired During Venoarterial Extracorporeal Membrane Oxygenation Postcardiac Surgery in Children: A Retrospective Observational Study. <i>Journal of Cardiac Critical Care TSS</i> , 2022, 06, 025-032.	0.0	0
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138	Nanotechnologies for control of pathogenic microbial biofilms. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5129-5153.	2.9	11
139	Thiamine May Be Beneficial for Patients With Ventilator-Associated Pneumonia in the Intensive Care Unit: A Retrospective Study Based on the MIMIC-IV Database. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
140	Pillars for prevention and control of healthcare-associated infections: an Italian expert opinion statement. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, .	1.5	13
141	Ventilator-associated pneumonia prevention in the Intensive care unit using Postpyloric tube feeding in China (VIP study): study protocol for a randomized controlled trial. <i>Trials</i> , 2022, 23, .	0.7	0
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143	Oral Microbes in Hospital-Acquired Pneumonia: Practice and Research Implications. <i>Critical Care Nurse</i> , 2022, 42, 47-54.	0.5	10
144	The Association Between Bronchoscopy and the Prognoses of Patients With Ventilator-Associated Pneumonia in Intensive Care Units: A Retrospective Study Based on the MIMIC-IV Database. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
145	Using Machine Learning To Define the Impact of Beta-Lactam Early and Cumulative Target Attainment on Outcomes in Intensive Care Unit Patients with Hospital-Acquired and Ventilator-Associated Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	12
146	Early prediction of ventilator-associated pneumonia in critical care patients: a machine learning model. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	8
147	Pneumonia After Cardiovascular Surgery: Incidence, Risk Factors and Interventions. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	9
148	Clinical Features and Outcomes of Monobacterial and Polybacterial Episodes of Ventilator-Associated Pneumonia Due to Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Antibiotics</i> , 2022, 11, 892.	1.5	7
149	Practice Summary of Antimicrobial Therapy for Commonly Encountered Conditions in the Neonatal Intensive Care Unit: A Canadian Perspective. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	8
150	Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Among Patients with Ventilator-Associated Pneumonia: Evaluation of Antibiotic Combinations and Susceptibility to New Antibiotics. <i>Infection and Drug Resistance</i> , 0, Volume 15, 3537-3548.	1.1	10
151	Probiotic Supplementation Prevents the Development of Ventilator-Associated Pneumonia for Mechanically Ventilated ICU Patients: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4

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152	Composition and diversity analysis of the lung microbiome in patients with suspected ventilator-associated pneumonia. <i>Critical Care</i> , 2022, 26, .	2.5	17
153	Meta-Analysis of the Efficacy and Safety of Chlorhexidine for Ventilator-Associated Pneumonia Prevention in Mechanically Ventilated Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-8.	0.5	4
154	Potential of Multiplex Polymerase Chain Reaction Performed on Protected Telescope Catheter Samples for Early Adaptation of Antimicrobial Therapy in ARDS Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 4366.	1.0	2
155	Defining Pathogen and Susceptibility Patterns for Early Versus Late Ventilator Associated Pneumonia in Trauma Patients to Guide Empiric Treatment Decisions. <i>American Surgeon</i> , 0, , 000313482211215.	0.4	0
156	Ecological effects of selective oral decontamination on multidrug-resistance bacteria acquired in the intensive care unit: a caseâ€“control study over 5Â“years. <i>Intensive Care Medicine</i> , 2022, 48, 1165-1175.	3.9	9
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