

Hannah Wunsch

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

10,542
citations

57758

44
h-index

33894

99
g-index

139
all docs

139
docs citations

139
times ranked

13855
citing authors

#	ARTICLE	IF	CITATIONS
1	Surviving Sepsis Campaign: guidelines on the management of critically ill adults with Coronavirus Disease 2019 (COVID-19). <i>Intensive Care Medicine</i> , 2020, 46, 854-887.	8.2	1,536
2	Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). <i>Critical Care Medicine</i> , 2020, 48, e440-e469.	0.9	816
3	Variation in critical care services across North America and Western Europe*. <i>Critical Care Medicine</i> , 2008, 36, 2787-e8.	0.9	574
4	The epidemiology of mechanical ventilation use in the United States*. <i>Critical Care Medicine</i> , 2010, 38, 1947-1953.	0.9	419
5	Prone Position for Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2017, 14, S280-S288.	3.2	400
6	Comparison of Site of Death, Health Care Utilization, and Hospital Expenditures for Patients Dying With Cancer in 7 Developed Countries. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 272.	7.4	388
7	Three-Year Outcomes for Medicare Beneficiaries Who Survive Intensive Care. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 849.	7.4	335
8	Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. <i>Critical Care Medicine</i> , 2021, 49, e219-e234.	0.9	289
9	Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 57.	7.4	283
10	Inappropriate opioid prescription after surgery. <i>Lancet, The</i> , 2019, 393, 1547-1557.	13.7	282
11	Opioids Prescribed After Low-Risk Surgical Procedures in the United States, 2004-2012. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1654.	7.4	276
12	Do Intensivist Staffing Patterns Influence Hospital Mortality Following ICU Admission? A Systematic Review and Meta-Analyses*. <i>Critical Care Medicine</i> , 2013, 41, 2253-2274.	0.9	250
13	High frequency oscillation in patients with acute lung injury and acute respiratory distress syndrome (ARDS): systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2010, 340, c2327-c2327.	2.3	213
14	Comparison of Medical Admissions to Intensive Care Units in the United States and United Kingdom. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1666-1673.	5.6	204
15	ICU Occupancy and Mechanical Ventilator Use in the United States*. <i>Critical Care Medicine</i> , 2013, 41, 2712-2719.	0.9	199
16	End-of-life decisions: a cohort study of the withdrawal of all active treatment in intensive care units in the United Kingdom. <i>Intensive Care Medicine</i> , 2005, 31, 823-831.	8.2	178
17	Mechanical Ventilation in COVID-19: Interpreting the Current Epidemiology. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1-4.	5.6	170
18	Use of Intensive Care Services during Terminal Hospitalizations in England and the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 875-880.	5.6	152

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19	Association Between US Norepinephrine Shortage and Mortality Among Patients With Septic Shock. JAMA - Journal of the American Medical Association, 2017, 317, 1433.	7.4	150
20	Prescription Drug Monitoring and Dispensing of Prescription Opioids. Public Health Reports, 2014, 129, 139-147.	2.5	130
21	A comparison of critical care research funding and the financial burden of critical illness in the United States*. Critical Care Medicine, 2012, 40, 1072-1079.	0.9	129
22	Continuous electroencephalography in a surgical intensive care unit. Intensive Care Medicine, 2014, 40, 228-234.	8.2	122
23	The Role of Stepdown Beds in Hospital Care. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1210-1216.	5.6	121
24	Potential Value of Regionalized Intensive Care for Mechanically Ventilated Medical Patients. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 285-291.	5.6	120
25	Use of intravenous infusion sedation among mechanically ventilated patients in the United States*. Critical Care Medicine, 2009, 37, 3031-3039.	0.9	116
26	Psychiatric Diagnoses and Psychoactive Medication Use Among Nonsurgical Critically Ill Patients Receiving Mechanical Ventilation. JAMA - Journal of the American Medical Association, 2014, 311, 1133.	7.4	111
27	Validation of the V66.7 Code for Palliative Care Consultation in a Single Academic Medical Center. Journal of Palliative Medicine, 2017, 20, 372-377.	1.1	106
28	Low Tidal Volume versus Non-Volume-Limited Strategies for Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2017, 14, S271-S279.	3.2	91
29	A Scoping Review of Frailty and Acute Care in Middle-Aged and Older Individuals with Recommendations for Future Research. Canadian Geriatrics Journal, 2017, 20, 22-37.	1.2	85
30	Variation of Arterial and Central Venous Catheter Use in United States Intensive Care Units. Anesthesiology, 2014, 120, 650-664.	2.5	84
31	Frailty Before Critical Illness and Mortality for Elderly Medicare Beneficiaries. Journal of the American Geriatrics Society, 2015, 63, 1121-1128.	2.6	74
32	The feasibility of measuring frailty to predict disability and mortality in older medical intensive care unit survivors. Journal of Critical Care, 2014, 29, 401-408.	2.2	73
33	Methods to adjust for bias and confounding in critical care health services research involving observational data. Journal of Critical Care, 2006, 21, 1-7.	2.2	70
34	An Official American Thoracic Society Systematic Review: The Effect of Nighttime Intensivist Staffing on Mortality and Length of Stay among Intensive Care Unit Patients. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 383-393.	5.6	69
35	Association of Intensive Care Unit Patient-to-Intensivist Ratios With Hospital Mortality. JAMA Internal Medicine, 2017, 177, 388.	5.1	63
36	Use of Intensive Care Services for Medicare Beneficiaries Undergoing Major Surgical Procedures. Anesthesiology, 2016, 124, 899-907.	2.5	60

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37	Prescription drug monitoring and drug overdose mortality. <i>Injury Epidemiology</i> , 2014, 1, 9.	1.8	58
38	A Prognostic Model for 6-Month Mortality in Elderly Survivors of Critical Illness. <i>Chest</i> , 2013, 143, 910-919.	0.8	56
39	Is There a Starling Curve for Intensive Care?. <i>Chest</i> , 2012, 141, 1393-1399.	0.8	54
40	Association Between Arterial Catheter Use and Hospital Mortality in Intensive Care Units. <i>JAMA Internal Medicine</i> , 2014, 174, 1746.	5.1	54
41	Hospital-Level Variation in ICU Admission and Critical Care Procedures for Patients Hospitalized for Pulmonary Embolism. <i>Chest</i> , 2014, 146, 1452-1461.	0.8	54
42	Clinical trials in critical care: can a Bayesian approach enhance clinical and scientific decision making?. <i>Lancet Respiratory Medicine</i> , 2021, 9, 207-216.	10.7	54
43	Dexmedetomidine in the Care of Critically Ill Patients from 2001 to 2007. <i>Anesthesiology</i> , 2010, 113, 386-394.	2.5	50
44	Assessment of the Safety of Discharging Select Patients Directly Home From the Intensive Care Unit. <i>JAMA Internal Medicine</i> , 2018, 178, 1390.	5.1	50
45	Optimizing Administrative Datasets to Examine Acute Kidney Injury in the Era of Big Data: Workgroup Statement from the 15 th ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 98.	1.1	45
46	Clonidine for sedation in the critically ill: a systematic review and meta-analysis. <i>Critical Care</i> , 2017, 21, 75.	5.8	44
47	Rising Billing for Intermediate Intensive Care among Hospitalized Medicare Beneficiaries between 1996 and 2010. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 163-170.	5.6	43
48	National survey and point prevalence study of sedation practice in UK critical care. <i>Critical Care</i> , 2016, 20, 355.	5.8	41
49	High-Frequency Ventilation Versus Conventional Ventilation for the Treatment of Acute Lung Injury and Acute Respiratory Distress Syndrome: A Systematic Review and Cochrane Analysis. <i>Anesthesia and Analgesia</i> , 2005, 100, 1765-1772.	2.2	40
50	Comparison of 2 Triage Scoring Guidelines for Allocation of Mechanical Ventilators. <i>JAMA Network Open</i> , 2020, 3, e2029250.	5.9	40
51	Economics of ICU Organization and Management. <i>Critical Care Clinics</i> , 2012, 28, 25-37.	2.6	38
52	The Association of Antibiotic Treatment Regimen and Hospital Mortality in Patients Hospitalized With Legionella Pneumonia. <i>Clinical Infectious Diseases</i> , 2015, 60, e66-e79.	5.8	36
53	Trends in site of death and health care utilization at the end of life: a population-based cohort study. <i>CMAJ Open</i> , 2019, 7, E306-E315.	2.4	35
54	Suicide and self-harm in adult survivors of critical illness: population based cohort study. <i>BMJ</i> , 2021, 373, n973.	6.0	35

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55	Validation of Intensive Care and Mechanical Ventilation Codes in Medicare Data*. Critical Care Medicine, 2017, 45, e711-e714.	0.9	34
56	New Opioid Use after Invasive Mechanical Ventilation and Hospital Discharge. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 568-575.	5.6	34
57	The effect of window rooms on critically ill patients with subarachnoid hemorrhage admitted to intensive care. Critical Care, 2011, 15, R81.	5.8	33
58	Critical illness in patients with hematologic malignancy: a population-based cohort study. Intensive Care Medicine, 2021, 47, 1104-1114.	8.2	32
59	Epidemiology of Vasopressin Use for Adults with Septic Shock. Annals of the American Thoracic Society, 2016, 13, 1760-1767.	3.2	31
60	Health services research in critical care using administrative data. Journal of Critical Care, 2005, 20, 264-269.	2.2	29
61	Mental illness after admission to an intensive care unit. Intensive Care Medicine, 2019, 45, 1550-1558.	8.2	28
62	Association of the 2016 US Centers for Disease Control and Prevention Opioid Prescribing Guideline With Changes in Opioid Dispensing After Surgery. JAMA Network Open, 2021, 4, e2111826.	5.9	28
63	International comparisons in critical care: a necessity and challenge. Current Opinion in Critical Care, 2007, 13, 725-731.	3.2	27
64	Association Between Overnight Extubations and Outcomes in the Intensive Care Unit. JAMA Internal Medicine, 2016, 176, 1651.	5.1	27
65	Use of Hydrocortisone, Ascorbic Acid, and Thiamine in Adults with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1531-1539.	5.6	26
66	Effects of cardiovascular and cerebrovascular health events on work and earnings: a population-based retrospective cohort study. Cmaj, 2019, 191, E3-E10.	2.0	25
67	Trends in COVID-19-related in-hospital mortality: lessons learned from nationwide samples. Lancet Respiratory Medicine, the, 2021, 9, 322-324.	10.7	24
68	Impact of exclusion criteria on case mix, outcome, and length of stay for the severity of disease scoring methods in common use in critical care. Journal of Critical Care, 2004, 19, 67-74.	2.2	22
69	The Impact of the Organization of High-Dependency Care on Acute Hospital Mortality and Patient Flow for Critically Ill Patients. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 186-193.	5.6	21
70	Epidemiology and Outcomes. Critical Care Clinics, 2018, 34, 15-27.	2.6	21
71	Association Between Early Intravenous Fluids Provided by Paramedics and Subsequent In-Hospital Mortality Among Patients With Sepsis. JAMA Network Open, 2018, 1, e185845.	5.9	21
72	Frailty Trajectories After Treatment for Coronary Artery Disease in Older Patients. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 230-238.	2.2	20

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73	Attention to Immortal Time Bias in Critical Care Research. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1222-1229.	5.6	20
74	Epidemiology of admissions to 11 stand-alone high-dependency care units in the UK. <i>Intensive Care Medicine</i> , 2015, 41, 1903-1910.	8.2	19
75	Association of patient-to-intensivist ratio with hospital mortality in Australia and New Zealand. <i>Intensive Care Medicine</i> , 2021, , 1.	8.2	19
76	Adjuvants to Mechanical Ventilation for Acute Respiratory Failure. Adoption, De-adoption, and Factors Associated with Selection. <i>Annals of the American Thoracic Society</i> , 2017, 14, 94-102.	3.2	18
77	Screening strategies to identify sepsis in the prehospital setting: a validation study. <i>Cmaj</i> , 2020, 192, E230-E239.	2.0	17
78	Association of Premorbid Blood Pressure with Vasopressor Infusion Duration in Patients with Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 91-99.	5.6	17
79	Sepsis hospitalization and risk of subsequent cardiovascular events in adults: a population-based matched cohort study. <i>Intensive Care Medicine</i> , 2022, 48, 448-457.	8.2	17
80	Polymyxin Use Associated With Respiratory Arrest. <i>Chest</i> , 2012, 141, 515-517.	0.8	16
81	Evaluation of opioid discontinuation after non-orthopaedic surgery among chronic opioid users: a population-based cohort study. <i>British Journal of Anaesthesia</i> , 2020, 124, 281-291.	3.4	14
82	Association between age and use of intensive care among surgical Medicare beneficiaries. <i>Journal of Critical Care</i> , 2013, 28, 597-605.	2.2	13
83	Clonidine for sedation in the critically ill: a systematic review and meta-analysis (protocol). <i>Systematic Reviews</i> , 2015, 4, 154.	5.3	13
84	Acute healthcare resource utilization by age: A cohort study. <i>PLoS ONE</i> , 2021, 16, e0251877.	2.5	13
85	What Affects Adoption of Specialty Palliative Care in Intensive Care Units: A Qualitative Study. <i>Journal of Pain and Symptom Management</i> , 2021, 62, 1273-1282.	1.2	13
86	Reflections on Critical Care's Past, Present, and Future. <i>Critical Care Medicine</i> , 2021, 49, 1855-1865.	0.9	13
87	Association of Overnight Extubation With Outcomes After Cardiac Surgery in the Intensive Care Unit. <i>Annals of Thoracic Surgery</i> , 2019, 108, 432-442.	1.3	12
88	Characterization and validation of a novel measure of septic shock severity. <i>Intensive Care Medicine</i> , 2020, 46, 135-137.	8.2	12
89	Use of Vasoactive Medications after Cardiac Surgery in the United States. <i>Annals of the American Thoracic Society</i> , 2021, 18, 103-111.	3.2	12
90	End-of-Life Care Received by Physicians Compared With Nonphysicians. <i>JAMA Network Open</i> , 2019, 2, e197650.	5.9	11

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91	Preoperative Sedative-hypnotic Medication Use and Adverse Postoperative Outcomes. <i>Annals of Surgery</i> , 2021, 274, e108-e114.	4.2	11
92	A Systematic Review of the Impact of Surgical Special Care Units on Patient Outcomes and Health Care Resource Utilization. <i>Anesthesia and Analgesia</i> , 2019, 128, 533-542.	2.2	11
93	Frequency of acute changes found on head computed tomographies in critically ill patients: A retrospective cohort study. <i>Journal of Critical Care</i> , 2014, 29, 884.e7-884.e12.	2.2	10
94	Temporal Trends in the Use of Parenteral Nutrition in Critically Ill Patients. <i>Chest</i> , 2014, 145, 508-517.	0.8	10
95	Derivation of data-driven triggers for palliative care consultation in critically ill patients. <i>Journal of Critical Care</i> , 2018, 46, 79-83.	2.2	10
96	Frailty and long-term outcomes following critical illness: A population-level cohort study. <i>Journal of Critical Care</i> , 2021, 62, 94-100.	2.2	10
97	Prescription opioid use after vaginal delivery and subsequent persistent opioid use and misuse. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021, 3, 100304.	2.6	10
98	Rates of Mechanical Ventilation for Patients With Dementia in Ontario: A Population-Based Cohort Study. <i>Anesthesia and Analgesia</i> , 2019, 129, e122-e125.	2.2	9
99	Epidemiology and patient predictors of infection and sepsis in the prehospital setting. <i>Intensive Care Medicine</i> , 2020, 46, 1394-1403.	8.2	9
100	Effects of Cardiovascular Health Shocks on Spouses'™ Work and Earnings. <i>Medical Care</i> , 2020, 58, 128-136.	2.4	8
101	Impact of Ketamine on Analgosedative Consumption in Critically Ill Patients: A Systematic Review and Meta-Analysis. <i>Annals of Pharmacotherapy</i> , 2022, 56, 1139-1158.	1.9	8
102	The Complexities of ICU Discharge. <i>Chest</i> , 2015, 147, 281-282.	0.8	7
103	Comparison of Care Patterns and Rehospitalizations for Mechanically Ventilated Patients in New York and Ontario. <i>Annals of the American Thoracic Society</i> , 2019, 16, 463-470.	3.2	7
104	Practice Patterns in the Initiation of Secondary Vasopressors and Adjunctive Corticosteroids during Septic Shock in the United States. <i>Annals of the American Thoracic Society</i> , 2021, 18, 2049-2057.	3.2	7
105	The association between prescription opioid dispensing and opioid-related morbidity and mortality in Ontario, Canada: an ecological study of public health units. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108989.	3.2	7
106	Accuracy of Administrative Hospital Data to Identify Use of Life Support Modalities. A Canadian Study. <i>Annals of the American Thoracic Society</i> , 2020, 17, 229-235.	3.2	7
107	Liberation from Invasive Mechanical Ventilation with Continued Receipt of Vasopressor Infusions. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1053-1063.	5.6	7
108	Adjuvants to mechanical ventilation for acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2016, 42, 775-778.	8.2	6

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109	Placing Value on End-of-Life Care—Is It Time for a New Taxonomy?. <i>JAMA Network Open</i> , 2019, 2, e1914466.	5.9	6
110	Association Between Consecutive Days Worked by Intensivists and Outcomes for Critically Ill Patients. <i>Critical Care Medicine</i> , 2020, 48, 594-598.	0.9	6
111	Noninvasive oxygenation strategies in adult patients with acute respiratory failure: a protocol for a systematic review and network meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 95.	5.3	6
112	The Epidemiology of Extremity Threat and Amputation after Vasopressor-Dependent Sepsis. <i>Annals of the American Thoracic Society</i> , 2022, 19, 625-632.	3.2	6
113	Reporting data on long-term follow-up of critical care trials. <i>Thorax</i> , 2016, 71, 395-396.	5.6	5
114	The associations between direct and delayed critical care unit admission with mortality and readmissions among patients with heart failure. <i>American Heart Journal</i> , 2021, 233, 20-38.	2.7	5
115	Association of Severe Trauma With Work and Earnings in a National Cohort in Canada. <i>JAMA Surgery</i> , 2021, 156, 51-59.	4.3	4
116	Trends in postoperative opioid prescribing in Ontario between 2013 and 2019: a population-based cohort study. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 974-985.	1.6	4
117	Comorbidity or Covert Advantage? The Obesity Conundrum*. <i>Critical Care Medicine</i> , 2014, 42, 1935-1936.	0.9	3
118	Data Resource Profile: The Canadian Hospitalization and Taxation Database (C-HAT). <i>International Journal of Epidemiology</i> , 2018, 47, 687-687g.	1.9	3
119	New Opioid Use and Risk of Emergency Department Visits Related to Motor Vehicle Collisions in Ontario, Canada. <i>JAMA Network Open</i> , 2021, 4, e2134248.	5.9	3
120	Surgeon Postoperative Opioid Prescribing Intensity and Risk of Persistent Opioid Use Among Opioid-naïve Adult Patients. <i>Annals of Surgery</i> , 2023, 277, 767-774.	4.2	3
121	Trends in Routine Opioid Dispensing After Common Pediatric Surgeries in the United States: 2014–2019. <i>Pediatrics</i> , 2022, 149, .	2.1	3
122	First-Line Vasopressor Use in Septic Shock and Route of Administration: An Epidemiologic Study. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1713-1721.	3.2	3
123	When Intensive Care Becomes Good End-of-Life Care. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 762-762.	5.6	2
124	Temporal Trends and Variability in Ketamine Use for Mechanically Ventilated Adults in the United States. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1534-1542.	3.2	2
125	Expanding horizons in critical care outcomes. <i>Current Opinion in Critical Care</i> , 2013, 19, 465-466.	3.2	1
126	Relationship between height and outcomes among critically ill adults: a cohort study. <i>Intensive Care Medicine</i> , 2018, 44, 2122-2133.	8.2	1

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127	Trends in opioid use before critical illness among elderly patients in Ontario. <i>Journal of Critical Care</i> , 2020, 55, 128-133.	2.2	1
128	Getting out of the 1950s: rethinking old priorities for staffing in critical care. <i>Critical Care</i> , 2020, 24, 695.	5.8	1
129	Vasopressor Dosing in Septic Shock Clinical Trials: A Systematic Review and Ecologic Study. <i>Annals of the American Thoracic Society</i> , 2020, 17, 773-776.	3.2	1
130	Severe Hyponatremia and Seizure From Peripheral Infusion of Norepinephrine Diluted in Dextrose 5% in Water: A Case Report. <i>A&A Practice</i> , 2021, 15, e01479.	0.4	1
131	Association between mothers' postoperative opioid prescriptions and opioid-related events in their children: A population-based cohort study. <i>Health Reports</i> , 2020, 31, 12-19.	0.8	1
132	Care at a non-university hospital: an independent risk factor for mortality in ARDS?. <i>Critical Care</i> , 2017, 21, 195.	5.8	0
133	Assessment of need for lower level acuity critical care services at a tertiary acute care hospital in Canada: A prospective cohort study. <i>Journal of Critical Care</i> , 2019, 53, 91-97.	2.2	0
134	Assessing delivery of mechanical ventilation: risks and benefits of large databases. <i>Intensive Care Medicine</i> , 2020, 46, 2297-2300.	8.2	0
135	The Pandemic That Always Strains Critical Care: Smoking. <i>Annals of the American Thoracic Society</i> , 2021, 18, 582-583.	3.2	0
136	Pinpointing the Cause of Variation in Mortality in COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 381-382.	5.6	0