

# Olaf Cremer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9222993/publications.pdf>

Version: 2024-02-01

153  
papers

7,297  
citations

81900

39  
h-index

62596

80  
g-index

165  
all docs

165  
docs citations

165  
times ranked

8795  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Long-term propofol infusion and cardiac failure in adult head-injured patients. <i>Lancet</i> , The, 2001, 357, 117-118.  | 13.7 | 457       |
| 2  | Broad defects in the energy metabolism of leukocytes underlie immunoparalysis in sepsis. <i>Nature Immunology</i> , 2016, 17, 406-413.  | 14.5 | 437       |
| 3  | Classification of patients with sepsis according to blood genomic endotype: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 816-826.   | 10.7 | 381       |
| 4  | Incidence, Risk Factors, and Attributable Mortality of Secondary Infections in the Intensive Care Unit After Admission for Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1469.                     | 7.4  | 367       |
| 5  | Effect of intracranial pressure monitoring and targeted intensive care on functional outcome after severe head injury*. <i>Critical Care Medicine</i> , 2005, 33, 2207-2213.  | 0.9  | 319       |
| 6  | Thrombocytopenia is associated with a dysregulated host response in critically ill sepsis patients. <i>Blood</i> , 2016, 127, 3062-3072.  | 1.4  | 224       |
| 7  | Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 139-148.      | 10.7 | 206       |
| 8  | Identification and validation of distinct biological phenotypes in patients with acute respiratory distress syndrome by cluster analysis. <i>Thorax</i> , 2017, 72, 876-883.  | 5.6  | 202       |
| 9  | Likelihood of infection in patients with presumed sepsis at the time of intensive care unit admission: a cohort study. <i>Critical Care</i> , 2015, 19, 319.  | 5.8  | 189       |
| 10 | Benzodiazepine-associated delirium in critically ill adults. <i>Intensive Care Medicine</i> , 2015, 41, 2130-2137.  | 8.2  | 180       |
| 11 | Interobserver Agreement of Centers for Disease Control and Prevention Criteria for Classifying Infections in Critically Ill Patients*. <i>Critical Care Medicine</i> , 2013, 41, 2373-2378.   | 0.9  | 172       |
| 12 | A Molecular Biomarker to Diagnose Community-acquired Pneumonia on Intensive Care Unit Admission. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 826-835.  | 5.6  | 171       |
| 13 | A Molecular Host Response Assay to Discriminate Between Sepsis and Infection-Negative Systemic Inflammation in Critically Ill Patients: Discovery and Validation in Independent Cohorts. <i>PLoS Medicine</i> , 2015, 12, e1001916. | 8.4  | 163       |
| 14 | Incidence, Predictors, and Outcomes of New-Onset Atrial Fibrillation in Critically Ill Patients with Sepsis. A Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 205-211.                | 5.6  | 160       |
| 15 | Rationalizing antimicrobial therapy in the ICU: a narrative review. <i>Intensive Care Medicine</i> , 2019, 45, 172-189.   | 8.2  | 155       |
| 16 | The attributable mortality of delirium in critically ill patients: prospective cohort study. <i>BMJ</i> , The, 2014, 349, g6652-g6652.  | 6.0  | 150       |
| 17 | Incidence, risk factors and outcomes of new-onset atrial fibrillation in patients with sepsis: a systematic review. <i>Critical Care</i> , 2014, 18, 688.   | 5.8  | 149       |
| 18 | Long-term outcome of delirium during intensive care unit stay in survivors of critical illness: a prospective cohort study. <i>Critical Care</i> , 2014, 18, R125.  | 5.8  | 147       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Electronic Implementation of a Novel Surveillance Paradigm for Ventilator-associated Events. Feasibility and Validation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 947-955.      | 5.6 | 144       |
| 20 | Electrocardiographic changes predicting sudden death in propofol-related infusion syndrome. <i>Heart Rhythm</i> , 2006, 3, 131-137.   | 0.7 | 142       |
| 21 | Classification of sepsis, severe sepsis and septic shock: the impact of minor variations in data capture and definition of SIRS criteria. <i>Intensive Care Medicine</i> , 2012, 38, 811-819.                         | 8.2 | 112       |
| 22 | Epidemiology of Multiple Herpes Viremia in Previously Immunocompetent Patients With Septic Shock. <i>Clinical Infectious Diseases</i> , 2017, 64, 1204-1210.  | 5.8 | 108       |
| 23 | Admission Hyperglycemia in Critically Ill Sepsis Patients: Association With Outcome and Host Response*. <i>Critical Care Medicine</i> , 2016, 44, 1338-1346.  | 0.9 | 90        |
| 24 | Understanding Heterogeneity in Biologic Phenotypes of Acute Respiratory Distress Syndrome by Leukocyte Expression Profiles. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 42-50.     | 5.6 | 89        |
| 25 | Myocardial Injury in Patients With Sepsis and Its Association With Long-Term Outcome. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004040.  | 2.2 | 87        |
| 26 | Short-Course Adjunctive Gentamicin as Empirical Therapy in Patients With Severe Sepsis and Septic Shock: A Prospective Observational Cohort Study. <i>Clinical Infectious Diseases</i> , 2017, 64, 1731-1736.         | 5.8 | 73        |
| 27 | Cerebral Hemodynamic Responses to Blood Pressure Manipulation in Severely Head-Injured Patients in the Presence or Absence of Intracranial Hypertension. <i>Anesthesia and Analgesia</i> , 2004, 99, 1211-1217.       | 2.2 | 70        |
| 28 | Update on the propofol infusion syndrome in ICU management of patients with head injury. <i>Current Opinion in Anaesthesiology</i> , 2008, 21, 544-551.   | 2.0 | 66        |
| 29 | Analysis of Potential Drug-Drug Interactions in Medical Intensive Care Unit Patients. <i>Pharmacotherapy</i> , 2014, 34, 213-219.   | 2.6 | 65        |
| 30 | The Host Response in Patients with Sepsis Developing Intensive Care Unit-acquired Secondary Infections. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 458-470.                       | 5.6 | 61        |
| 31 | Long-Term Mental Health Problems After Delirium in the ICU*. <i>Critical Care Medicine</i> , 2016, 44, 1808-1813.   | 0.9 | 59        |
| 32 | Epileptic high-frequency oscillations in intraoperative electrocorticography: The effect of propofol. <i>Epilepsia</i> , 2012, 53, 1799-1809.   | 5.1 | 56        |
| 33 | Cytomegalovirus reactivation and mortality in patients with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2016, 42, 333-341.  | 8.2 | 55        |
| 34 | Prognosis Following Severe Head Injury: Development and Validation of a Model for Prediction of Death, Disability, and Functional Recovery. <i>Journal of Trauma</i> , 2006, 61, 1484-1491.                           | 2.3 | 54        |
| 35 | Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. <i>Annals of Intensive Care</i> , 2019, 9, 128.  | 4.6 | 52        |
| 36 | Comparative Analysis of the Host Response to Community-acquired and Hospital-acquired Pneumonia in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1366-1374. | 5.6 | 48        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Risk factors, host response and outcome of hypothermic sepsis. <i>Critical Care</i> , 2016, 20, 328.  | 5.8 | 46        |
| 38 | Biological Subphenotypes of Acute Respiratory Distress Syndrome Show Prognostic Enrichment in Mechanically Ventilated Patients without Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1503-1511. | 5.6 | 43        |
| 39 | Multitasking During Patient Handover in the Recovery Room. <i>Anesthesia and Analgesia</i> , 2012, 115, 1183-1187.  | 2.2 | 42        |
| 40 | Anticholinergic Medication Use and Transition to Delirium in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 1846-1852.  | 0.9 | 41        |
| 41 | Determinants of self-reported unacceptable outcome of intensive care treatment 1 year after discharge. <i>Intensive Care Medicine</i> , 2019, 45, 806-814.  | 8.2 | 41        |
| 42 | Myocardial Injury in Critically Ill Patients with Community-acquired Pneumonia. A Cohort Study. <i>Annals of the American Thoracic Society</i> , 2019, 16, 606-612.   | 3.2 | 40        |
| 43 | An Unbalanced Inflammatory Cytokine Response Is Not Associated With Mortality Following Sepsis: A Prospective Cohort Study. <i>Critical Care Medicine</i> , 2017, 45, e493-e499.  | 0.9 | 37        |
| 44 | Associations Between Enteral Colonization With Gram-Negative Bacteria and Intensive Care Unit-Acquired Infections and Colonization of the Respiratory Tract. <i>Clinical Infectious Diseases</i> , 2018, 66, 497-503.   | 5.8 | 37        |
| 45 | Human plasma IgG1 repertoires are simple, unique, and dynamic. <i>Cell Systems</i> , 2021, 12, 1131-1143.e5.  | 6.2 | 37        |
| 46 | Association of diabetes and diabetes treatment with the host response in critically ill sepsis patients. <i>Critical Care</i> , 2016, 20, 252.  | 5.8 | 36        |
| 47 | Association of Gender With Outcome and Host Response in Critically Ill Sepsis Patients*. <i>Critical Care Medicine</i> , 2017, 45, 1854-1862.   | 0.9 | 36        |
| 48 | The leukocyte non-coding RNA landscape in critically ill patients with sepsis. <i>ELife</i> , 2020, 9, .  | 6.0 | 36        |
| 49 | Plasma suPAR as a prognostic biological marker for ICU mortality in ARDS patients. <i>Intensive Care Medicine</i> , 2015, 41, 1281-1290.  | 8.2 | 35        |
| 50 | Respiratory Viruses in Invasively Ventilated Critically Ill Patients—A Prospective Multicenter Observational Study. <i>Critical Care Medicine</i> , 2018, 46, 29-36.  | 0.9 | 35        |
| 51 | Source-specific host response and outcomes in critically ill patients with sepsis: a prospective cohort study. <i>Intensive Care Medicine</i> , 2022, 48, 92-102.   | 8.2 | 35        |
| 52 | Single-center large-cohort study into quality of life in Dutch intensive care unit subgroups, 1 year after admission, using EuroQoL EQ-6D-3L. <i>Journal of Critical Care</i> , 2015, 30, 181-186.  | 2.2 | 33        |
| 53 | Chronic antiplatelet therapy is not associated with alterations in the presentation, outcome, or host response biomarkers during sepsis: a propensity-matched analysis. <i>Intensive Care Medicine</i> , 2016, 42, 352-360.   | 8.2 | 32        |
| 54 | Transfusion of platelets, but not of red blood cells, is independently associated with nosocomial infections in the critically ill. <i>Annals of Intensive Care</i> , 2016, 6, 67.  | 4.6 | 31        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Cytomegalovirus Seroprevalence as a Risk Factor for Poor Outcome in Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2015, 43, 394-400.   | 0.9 | 30        |
| 56 | Neuropsychiatric outcome in subgroups of Intensive Care Unit survivors: Implications for after-care. <i>Journal of Critical Care</i> , 2020, 55, 171-176.  | 2.2 | 30        |
| 57 | Mortality and host response aberrations associated with transient and persistent acute kidney injury in critically ill patients with sepsis: a prospective cohort study. <i>Intensive Care Medicine</i> , 2020, 46, 1576-1589.                                       | 8.2 | 30        |
| 58 | The predictive value of early acute kidney injury for long-term survival and quality of life of critically ill patients. <i>Critical Care</i> , 2016, 20, 242.   | 5.8 | 29        |
| 59 | Macrolide therapy is associated with reduced mortality in acute respiratory distress syndrome (ARDS) patients. <i>Annals of Translational Medicine</i> , 2018, 6, 24-24.   | 1.7 | 29        |
| 60 | Cerebral pathophysiology and clinical neurology of hyperthermia in humans. <i>Progress in Brain Research</i> , 2007, 162, 153-169.   | 1.4 | 28        |
| 61 | Does ICP monitoring make a difference in neurocritical care?. <i>European Journal of Anaesthesiology</i> , 2008, 25, 87-93.  | 1.7 | 28        |
| 62 | Epidemiology and outcomes of source control procedures in critically ill patients with intra-abdominal infection. <i>Journal of Critical Care</i> , 2019, 52, 258-264.   | 2.2 | 27        |
| 63 | Epidemiology, Management, and Risk-Adjusted Mortality of ICU-Acquired Enterococcal Bacteremia. <i>Clinical Infectious Diseases</i> , 2015, 61, 1413-1420.  | 5.8 | 26        |
| 64 | Development and Validation of an Abbreviated Questionnaire to Easily Measure Cognitive Failure in ICU Survivors: A Multicenter Study. <i>Critical Care Medicine</i> , 2018, 46, 79-84.   | 0.9 | 26        |
| 65 | Plasma fractalkine is a sustained marker of disease severity and outcome in sepsis patients. <i>Critical Care</i> , 2015, 19, 412.   | 5.8 | 24        |
| 66 | Prior Use of Calcium Channel Blockers Is Associated With Decreased Mortality in Critically Ill Patients With Sepsis: A Prospective Observational Study. <i>Critical Care Medicine</i> , 2017, 45, 454-463.   | 0.9 | 23        |
| 67 | Molecular Biomarker to Assist in Diagnosing Abdominal Sepsis upon ICU Admission. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1070-1073.   | 5.6 | 23        |
| 68 | Glycoproteoform Profiles of Individual Patients' Plasma Alpha-1-Antichymotrypsin are Unique and Extensively Remodeled Following a Septic Episode. <i>Frontiers in Immunology</i> , 2020, 11, 608466.   | 4.8 | 23        |
| 69 | Development and first evaluation of a novel multiplex real-time PCR on whole blood samples for rapid pathogen identification in critically ill patients with sepsis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1333-1344. | 2.9 | 22        |
| 70 | Clinical Characteristics and Outcomes of Patients With Cellulitis Requiring Intensive Care. <i>JAMA Dermatology</i> , 2017, 153, 578.  | 4.1 | 21        |
| 71 | The ability of intensive care unit physicians to estimate long-term prognosis in survivors of critical illness. <i>Journal of Critical Care</i> , 2018, 43, 148-155.   | 2.2 | 21        |
| 72 | Long-Term Self-Reported Cognitive Problems After Delirium in the Intensive Care Unit and the Effect of Systemic Inflammation. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 786-791.   | 2.6 | 20        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Iron metabolism in critically ill patients developing anemia of inflammation: a case control study. <i>Annals of Intensive Care</i> , 2018, 8, 56.   | 4.6 | 20        |
| 74 | Cerebral Oxygen Extraction and Autoregulation during Extracorporeal Whole Body Hyperthermia in Humans. <i>Anesthesiology</i> , 2004, 100, 1101-1107.   | 2.5 | 18        |
| 75 | Clinical practice of respiratory virus diagnostics in critically ill patients with a suspected pneumonia: A prospective observational study. <i>Journal of Clinical Virology</i> , 2016, 83, 37-42.  | 3.1 | 18        |
| 76 | The use of the pulse oximetric saturation/fraction of inspired oxygen ratio for risk stratification of patients with severe sepsis and septic shock. <i>Journal of Critical Care</i> , 2013, 28, 681-686.  | 2.2 | 17        |
| 77 | Nebulised amphotericin B to eradicate <i>Candida</i> colonisation from the respiratory tract in critically ill patients receiving selective digestive decontamination: a cohort study. <i>Critical Care</i> , 2013, 17, R233.                          | 5.8 | 17        |
| 78 | Occurrence and Risk Factors of Chronic Pain After Critical Illness. <i>Critical Care Medicine</i> , 2020, 48, 680-687.   | 0.9 | 16        |
| 79 | Impact of HIV infection on the presentation, outcome and host response in patients admitted to the intensive care unit with sepsis; a case control study. <i>Critical Care</i> , 2016, 20, 322.  | 5.8 | 15        |
| 80 | External validation of the APPS, a new and simple outcome prediction score in patients with the acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2016, 6, 89.  | 4.6 | 15        |
| 81 | Is a randomized trial of a short course of aminoglycoside added to $\beta$ -lactam antibiotics for empirical treatment in critically ill patients with sepsis justified?. <i>Clinical Microbiology and Infection</i> , 2018, 24, 95-96.                | 6.0 | 15        |
| 82 | Associations between changes in oxygenation, dead space and driving pressure induced by the first prone position session and mortality in patients with acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, 5004-5013. | 1.4 | 15        |
| 83 | A Higher Fluid Balance in the Days After Septic Shock Reversal Is Associated With Increased Mortality: An Observational Cohort Study. , 2020, 2, e0219.  |     | 15        |
| 84 | The propofol infusion syndrome: more puzzling evidence on a complex and poorly characterized disorder. <i>Critical Care</i> , 2009, 13, 1012.  | 5.8 | 14        |
| 85 | Detection of Invasive Aspergillosis in Critically Ill Patients with Influenza: The Role of Plasma Galactomannan. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 636-638.   | 5.6 | 14        |
| 86 | Profile of the SeptiCyte <sup>®</sup> , $\Phi$ LAB gene expression assay to diagnose infection in critically ill patients. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 95-108.   | 3.1 | 14        |
| 87 | Predicting the clinical trajectory in critically ill patients with sepsis: a cohort study. <i>Critical Care</i> , 2019, 23, 408.   | 5.8 | 13        |
| 88 | The hemodynamic effect of different left ventricular unloading techniques during veno-arterial extracorporeal life support: a systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , 2020, 35, 664-671.                              | 1.0 | 13        |
| 89 | Increased mortality in elderly patients with acute respiratory distress syndrome is not explained by host response. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 58.   | 1.9 | 13        |
| 90 | Validation of a Novel Molecular Host Response Assay to Diagnose Infection in Hospitalized Patients Admitted to the ICU With Acute Respiratory Failure. <i>Critical Care Medicine</i> , 2018, 46, 368-374.  | 0.9 | 11        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 91  | Tenascin C Plasma Levels in Critically Ill Patients with or Without Sepsis: A Multicenter Observational Study. <i>Shock</i> , 2020, 54, 62-69.  | 2.1  | 11        |
| 92  | External validation confirms the legitimacy of a new clinical classification of ARDS for predicting outcome. <i>Intensive Care Medicine</i> , 2015, 41, 2004-2005.  | 8.2  | 10        |
| 93  | Effect of cytomegalovirus reactivation on the time course of systemic host response biomarkers in previously immunocompetent critically ill patients with sepsis: a matched cohort study. <i>Critical Care</i> , 2018, 22, 348.               | 5.8  | 10        |
| 94  | Robustness of sepsis-3 criteria in critically ill patients. <i>Journal of Intensive Care</i> , 2019, 7, 46.   | 2.9  | 10        |
| 95  | Consumptive coagulopathy is associated with a disturbed host response in patients with sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1049-1063.  | 3.8  | 10        |
| 96  | Chronic healthcare expenditure in survivors of sepsis in the intensive care unit. <i>Intensive Care Medicine</i> , 2016, 42, 1641-1642.   | 8.2  | 9         |
| 97  | Association Between an Increase in Serum Sodium and In-Hospital Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, 2070-2079.  | 0.9  | 9         |
| 98  | The Diagnostic Yield of Routine Admission Blood Cultures in Critically Ill Patients. <i>Critical Care Medicine</i> , 2021, 49, 60-69.   | 0.9  | 9         |
| 99  | The Impact of HIV Co-Infection on the Genomic Response to Sepsis. <i>PLoS ONE</i> , 2016, 11, e0148955.   | 2.5  | 9         |
| 100 | Donor-recipient sex is associated with transfusion-related outcomes in critically ill patients. <i>Blood Advances</i> , 2022, 6, 3260-3267.   | 5.2  | 9         |
| 101 | Respiratory syncytial virus in critically ill adult patients with community-acquired respiratory failure: a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2014, 20, O505-O507.                                | 6.0  | 8         |
| 102 | The host response in critically ill sepsis patients on statin therapy: a prospective observational study. <i>Annals of Intensive Care</i> , 2018, 8, 9.   | 4.6  | 8         |
| 103 | Nystatin versus amphotericin B to prevent and eradicate <i>Candida</i> colonization during selective digestive tract decontamination in critically ill patients. <i>Intensive Care Medicine</i> , 2015, 41, 2235-2236.                        | 8.2  | 7         |
| 104 | Plasma Ferritin as Marker of Macrophage Activation-Like Syndrome in Critically Ill Patients With Community-Acquired Pneumonia. <i>Critical Care Medicine</i> , 2021, 49, 1901-1911.   | 0.9  | 7         |
| 105 | Incidence, Clinical Characteristics and Outcomes of Early Hyperbilirubinemia in Critically Ill Patients: Insights From the MARS Study. <i>Shock</i> , 2022, 57, 161-167.  | 2.1  | 7         |
| 106 | Association between delay in intensive care unit admission and the host response in patients with community-acquired pneumonia. <i>Annals of Intensive Care</i> , 2021, 11, 142.  | 4.6  | 7         |
| 107 | Propofol use in head-injury patients. <i>Lancet</i> , The, 2001, 357, 1709-1710.  | 13.7 | 6         |
| 108 | Moderate positive predictive value of a multiplex real-time PCR on whole blood for pathogen detection in critically ill patients with sepsis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1829-1836. | 2.9  | 6         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Comparative clinical manifestations and immune effects of cytomegalovirus infections following distinct types of immunosuppression. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1335-1344.   | 6.0 | 6         |
| 110 | The predictive validity for mortality of the driving pressure and the mechanical power of ventilation. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 60.   | 1.9 | 5         |
| 111 | Etiology of Myocardial Injury in Critically Ill Patients with Sepsis: A Cohort Study. <i>Annals of the American Thoracic Society</i> , 2022, 19, 773-780.   | 3.2 | 5         |
| 112 | Matrix metalloproteinase-8: a useful biomarker to refine the diagnosis of community-acquired pneumonia upon intensive care unit admission?. <i>Critical Care</i> , 2019, 23, 226.   | 5.8 | 4         |
| 113 | Elevated trefoil factor 3 plasma levels in critically ill patients with abdominal sepsis or non-infectious abdominal illness. <i>Cytokine</i> , 2020, 133, 155181.  | 3.2 | 4         |
| 114 | Twelve years of circulatory extracorporeal life support at the University Medical Centre Utrecht. <i>Netherlands Heart Journal</i> , 2021, 29, 394-401.   | 0.8 | 4         |
| 115 | Thrombosis pathways in COVID-19 versus influenza-associated ARDS: a targeted proteomics approach. <i>Journal of Thrombosis and Haemostasis</i> , 2022, , .  | 3.8 | 4         |
| 116 | Effect of erythromycin on mortality and the host response in critically ill patients with sepsis: a target trial emulation. <i>Critical Care</i> , 2022, 26, .  | 5.8 | 4         |
| 117 | Can Administrative Data Be Used to Consistently Measure the Burden of Sepsis?*. <i>Critical Care Medicine</i> , 2014, 42, 747-749.  | 0.9 | 3         |
| 118 | A pilot study of a novel molecular host response assay to diagnose infection in patients after high-risk gastro-intestinal surgery. <i>Journal of Critical Care</i> , 2019, 54, 83-87.  | 2.2 | 3         |
| 119 | Is research from databases reliable? Not sure. <i>Intensive Care Medicine</i> , 2019, 45, 122-124.  | 8.2 | 3         |
| 120 | Potential of Parameters of Iron Metabolism for the Diagnosis of Anemia of Inflammation in the Critically Ill. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 61-67.  | 1.6 | 3         |
| 121 | O-serotype distribution of Escherichia coli bloodstream infection isolates in critically ill patients in The Netherlands. <i>Vaccine</i> , 2021, 39, 1670-1674.   | 3.8 | 3         |
| 122 | The circulatory small non-coding RNA landscape in community-acquired pneumonia on intensive care unit admission. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7621-7630.   | 3.6 | 3         |
| 123 | Blood leukocyte transcriptomes in Gram-positive and Gram-negative community-acquired pneumonia. <i>European Respiratory Journal</i> , 2022, 59, 2101856.  | 6.7 | 3         |
| 124 | Initiation of veno-arterial extracorporeal membrane oxygenation (VA-ECMO) for cardiogenic shock during out of hours versus working hours is not associated with increased mortality. <i>International Journal of Artificial Organs</i> , 2022, 45, 301-308. | 1.4 | 3         |
| 125 | The evolving management of traumatic brain injury: Don't shoot the messenger. <i>Critical Care Medicine</i> , 2006, 34, 2262-2263.  | 0.9 | 2         |
| 126 | Adjusting for Disease Severity Across ICUs in Multicenter Studies. <i>Critical Care Medicine</i> , 2019, 47, e662-e668.   | 0.9 | 2         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | Preemptive Treatment of Herpes Simplex Virus Reactivation in Critically Ill Patients?â€”Not Based on Current Data. <i>JAMA Internal Medicine</i> , 2020, 180, 272.   | 5.1 | 2         |
| 128 | Delirium and long-term psychopathology following surgery in older adults. <i>Journal of Psychosomatic Research</i> , 2022, 155, 110746.  | 2.6 | 2         |
| 129 | Need for Intracranial Pressure Monitoring Following Severe Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2006, 34, 1583-1584.  | 0.9 | 1         |
| 130 | Hypothermia and cerebrovascular reactivity. <i>British Journal of Anaesthesia</i> , 2007, 99, 593-594.   | 3.4 | 1         |
| 131 | Validation of a novel surveillance paradigm for ventilator-associated events. <i>Critical Care</i> , 2013, 17, P1.   | 5.8 | 1         |
| 132 | Reply:FAIM3:PLAC8Ratio Compared with Existing Biomarkers for Diagnosis of Severe Community-acquired Pneumonia: Comparing Apples to Oranges?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 102-103. | 5.6 | 1         |
| 133 | The Times They Are A-Changinâ€™™: Time-Dependent Exposures and Time-Dependent Confounders. <i>Clinical Infectious Diseases</i> , 2017, 65, 1959-1960.  | 5.8 | 1         |
| 134 | The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e820-e821.  | 0.9 | 1         |
| 135 | Reply: Against Another Nonspecific Marker of Perfusion and Troponin in Sepsis. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1336-1337.   | 3.2 | 1         |
| 136 | Prognostic classification based on P/F and PEEP in invasively ventilated ICU patients with hypoxemiaâ€”insights from the MARS study. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 43.                                      | 1.9 | 1         |
| 137 | Patients with hypothermic sepsis have a unique gene expression profile compared to patients with fever and sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1896-1904.  | 3.6 | 1         |
| 138 | Assessment of the Optimal Cerebral Perfusion Pressure in Head-Injured Patients. <i>Anesthesia and Analgesia</i> , 2005, , 300.   | 2.2 | 0         |
| 139 | Immunosuppression and multidrug-resistant bacteria in the intensive care unit: A cohort study. <i>Critical Care Medicine</i> , 2007, 35, 2465-2466.  | 0.9 | 0         |
| 140 | Effectiveness of nebulized amphotericin B to eradicate <i>Candida</i> colonization from the lower respiratory tracts of ICU patients. <i>Critical Care</i> , 2012, 16, .   | 5.8 | 0         |
| 141 | Multitasking During Patient Handover in the Recovery Room. <i>Survey of Anesthesiology</i> , 2013, 57, 64.   | 0.1 | 0         |
| 142 | 613. <i>Critical Care Medicine</i> , 2013, 41, A150-A151.  | 0.9 | 0         |
| 143 | Reply to Cobussen et al. <i>Clinical Infectious Diseases</i> , 2017, 65, 874-874.  | 5.8 | 0         |
| 144 | The authors reply. <i>Critical Care Medicine</i> , 2017, 45, e1095.  | 0.9 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Reply to Lipcsey. <i>Clinical Infectious Diseases</i> , 2018, 66, 482-482.   | 5.8 | 0         |
| 146 | Persistent Lymphocytopenia Does Not Increase Nosocomial Infection Risk in the ICU. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 913-916.   | 5.6 | 0         |
| 147 | Pulmonary congestion and mortality during venoarterial extracorporeal membrane oxygenation (VA-ECMO): does time matter?. <i>European Journal of Internal Medicine</i> , 2021, 86, 107.   | 2.2 | 0         |
| 148 | Editorial: Viral Infections in the Intensive Care Unit. <i>Frontiers in Medicine</i> , 2021, 8, 716824.  | 2.6 | 0         |
| 149 | Cerebral Metabolism and Autoregulation during Hyperthermia. <i>Anesthesiology</i> , 2002, 96, A265.  | 2.5 | 0         |
| 150 | Perioperative Challenges During Release of Subdural and Epidural Hemorrhage. , 2012, , 223-233.  |     | 0         |
| 151 | Late Breaking Abstract - Biological phenotypes of ARDS show differential expression of genes involved in oxidative phosphorylation and immunomodulation: an illustration for the need of personalized medicine in ARDS.. , 2018, , . |     | 0         |
| 152 | Association of the Estimated Dead Space Fraction and the Ventilatory Ratio with Mortality in Patients with Acute Respiratory Distress Syndrome. , 2019, , .  |     | 0         |
| 153 | Transportability and Implementation Challenges of Early Warning Scores for Septic Shock in the ICU: A Perspective on the TREWScore. <i>Frontiers in Medicine</i> , 2021, 8, 793815.  | 2.6 | 0         |