

# David A Brealey

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

4,329  
citations

257101

24  
h-index

214527

47  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Phospholipid Turnover after Surfactant Nebulization in Severe COVID-19 Infection: A Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 471-473.	2.5	6
2	Beneficial ex vivo immunomodulatory and clinical effects of clarithromycin in COVID-19. <i>Journal of Infection and Chemotherapy</i> , 2022, , .	0.8	0
3	Serial measurement of pancreatic stone protein for the early detection of sepsis in intensive care unit patients: a prospective multicentric study. <i>Critical Care</i> , 2021, 25, 151.	2.5	25
4	Lessons and risks of medical device deployment in a global pandemic. <i>The Lancet Global Health</i> , 2021, 9, e395-e396.	2.9	3
5	High oxygen flow rates with the UCL Ventura CPAP device – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021, 9, e36.	5.2	2
6	Descriptors of Sepsis Using the Sepsis-3 Criteria: A Cohort Study in Critical Care Units Within the U.K. National Institute for Health Research Critical Care Health Informatics Collaborative*. <i>Critical Care Medicine</i> , 2021, 49, 1883-1894.	0.4	11
7	Defining Potential Therapeutic Targets in Coronavirus Disease 2019: A Cross-Sectional Analysis of a Single-Center Cohort. , 2021, 3, e0488.		2
8	Sex differences in immunological responses to COVID-19: a cross-sectional analysis of a single-centre cohort. <i>British Journal of Anaesthesia</i> , 2021, 127, e75-e78.	1.5	4
9	Influence of IL-6 levels on patient survival in COVID-19. <i>Journal of Critical Care</i> , 2021, 66, 123-125.	1.0	7
10	Development of a tool to assess oral health-related quality of life in patients hospitalised in critical care. <i>Quality of Life Research</i> , 2020, 29, 559-568.	1.5	2
11	Response. <i>Chest</i> , 2020, 158, 2708-2711.	0.4	0
12	MicroRNA signatures of perioperative myocardial injury after elective noncardiac surgery: a prospective observational mechanistic cohort study. <i>British Journal of Anaesthesia</i> , 2020, 125, 661-671.	1.5	19
13	Sepsis – the broken code how accurately is sepsis being diagnosed?. <i>Journal of Infection</i> , 2020, 81, e31-e32.	1.7	8
14	Steroids in ARDS: more light is being shed. <i>Intensive Care Medicine</i> , 2020, 46, 2108-2110.	3.9	8
15	Preoperative intravenous iron to treat anaemia before major abdominal surgery (PREVENTT): a randomised, double-blind, controlled trial. <i>Lancet</i> , 2020, 396, 1353-1361.	6.3	209
16	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1209-1218.	5.2	174
17	Lipid metabolic signatures deviate in sepsis survivors compared to non-survivors. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3678-3691.	1.9	15
18	The UCL Ventura CPAP device for COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1076-1078.	5.2	12

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19	Natural Language Processing for Mimicking Clinical Trial Recruitment in Critical Care: A Semi-Automated Simulation Based on the LeoPARDS Trial. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2950-2959.	3.9	28
20	Performance of PCR/Electrospray Ionization-Mass Spectrometry on Whole Blood for Detection of Bloodstream Microorganisms in Patients with Suspected Sepsis. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	9
21	Effect of Intravenous Interferon $\beta$ -1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 725.	3.8	97
22	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness. <i>Chest</i> , 2020, 158, 183-194.	0.4	84
23	Use of non-invasive ventilation for patients with COVID-19: a cause for concern?. <i>Lancet Respiratory Medicine</i> , 2020, 8, e45.	5.2	73
24	The Association between Supraphysiologic Arterial Oxygen Levels and Mortality in Critically Ill Patients. A Multicenter Observational Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1373-1380.	2.5	61
25	Acquired loss of cardiac vagal activity is associated with myocardial injury in patients undergoing noncardiac surgery: prospective observational mechanistic cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 758-767.	1.5	15
26	Optimising organ perfusion in the high-risk surgical and critical care patient: a narrative review. <i>British Journal of Anaesthesia</i> , 2019, 123, 170-176.	1.5	32
27	Critical Care Health Informatics Collaborative (CCHIC): Data, tools and methods for reproducible research: A multi-centre UK intensive care database. <i>International Journal of Medical Informatics</i> , 2018, 112, 82-89.	1.6	41
28	Clinical Predictors of Survival and Functional Outcome of Stroke Patients Admitted to Critical Care*. <i>Critical Care Medicine</i> , 2018, 46, 1085-1092.	0.4	16
29	Optimal intensive care outcome prediction over time using machine learning. <i>PLoS ONE</i> , 2018, 13, e0206862.	1.1	69
30	Effect of Human Recombinant Alkaline Phosphatase on 7-Day Creatinine Clearance in Patients With Sepsis-Associated Acute Kidney Injury. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1998.	3.8	127
31	Simvastatin pre-treatment improves survival and mitochondrial function in a 3-day fluid-resuscitated rat model of sepsis. <i>Clinical Science</i> , 2017, 131, 747-758.	1.8	12
32	Comparison of stroke volume measurement between non-invasive bioimpedance and esophageal Doppler in patients undergoing major abdominal and pelvic surgery. <i>Journal of Anesthesia</i> , 2017, 31, 545-551.	0.7	7
33	Evidence for chemokine synergy during neutrophil migration in ARDS. <i>Thorax</i> , 2017, 72, 66-73.	2.7	87
34	Critical care data processing tools. <i>Journal of Open Source Software</i> , 2017, 2, 513.	2.0	2
35	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. <i>New England Journal of Medicine</i> , 2016, 375, 1638-1648.	13.9	271
36	Rapid Diagnosis of Infection in the Critically Ill, a Multicenter Study of Molecular Detection in Bloodstream Infections, Pneumonia, and Sterile Site Infections*. <i>Critical Care Medicine</i> , 2015, 43, 2283-2291.	0.4	159

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37	Authors'™ response to letter by Adam Morton regarding: "Managing severe peripartum hyponatraemia: A case report". <i>Obstetric Medicine</i> , 2015, 8, 27-27.	0.5	0
38	Regulation of neutrophilic inflammation in lung injury induced by community-acquired pneumonia. <i>Lancet, The</i> , 2015, 385, S52.	6.3	22
39	Managing severe peripartum hyponatraemia: A case report. <i>Obstetric Medicine</i> , 2014, 7, 171-173.	0.5	3
40	Changes in dental plaque following hospitalisation in a critical care unit: an observational study. <i>Critical Care</i> , 2013, 17, R189.	2.5	23
41	The impact of hospitalization on dental plaque accumulation: an observational study. <i>Journal of Clinical Periodontology</i> , 2012, 39, 1011-1016.	2.3	39
42	Potential metabolic consequences of statins in sepsis*. <i>Critical Care Medicine</i> , 2011, 39, 1514-1520.	0.4	48
43	Outcome in Poor Grade Subarachnoid Hemorrhage Patients Treated with Acute Endovascular Coiling of Aneurysms and Aggressive Intensive Care. <i>Neurocritical Care</i> , 2011, 14, 341-347.	1.2	63
44	So you want to be a critical care physician. <i>British Journal of Hospital Medicine (London, England:)</i> Tj ETQq0 0 0,rgBT /Overlock 10 T	0.2	0
45	Hyperglycemia in Critical Illness: A Review. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 1250-1260.	1.3	92
46	Mitochondrial dysfunction in patients with severe sepsis: An EPR interrogation of individual respiratory chain components. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 262-272.	0.5	82
47	Nitrosyl heme production compared in endotoxemic and hemorrhagic shock. <i>Free Radical Biology and Medicine</i> , 2005, 38, 41-49.	1.3	19
48	Mitochondrial dysfunction in a long-term rodent model of sepsis and organ failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R491-R497.	0.9	455
49	Human Septic Myopathy: Induction of Cyclooxygenase, Heme Oxygenase and Activation of the Ubiquitin Proteolytic Pathway. <i>Anesthesiology</i> , 2004, 101, 583-590.	1.3	57
50	Mitochondrial dysfunction in sepsis. <i>Current Infectious Disease Reports</i> , 2003, 5, 365-371.	1.3	137
51	Association between mitochondrial dysfunction and severity and outcome of septic shock. <i>Lancet, The</i> , 2002, 360, 219-223.	6.3	1,360
52	Mitochondrial dysfunction in sepsis. <i>Biochemical Society Symposia</i> , 1999, 66, 149-166.	2.7	135
53	Tissue Oxygenation in Sepsis. <i>Sepsis</i> , 1999, 2, 291-302.	0.5	5
54	Novel diagnostics of respiratory infection in the intensive care unit. <i>Annals of Research Hospitals</i> , 0, 2, 9-9.	0.0	2

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55	Defining Potential Therapeutic Targets in COVID-19: A Cross-Sectional Analysis of a Single Centre Cohort. SSRN Electronic Journal, 0, , .	0.4	0