Paul Dark Mb, Chb

List of Publications by Year
in descending order

107 papers	6,564 citations	94269 37 h-index	76769 74 g-index
114 all docs	114 docs citations	114 times ranked	10627 citing authors

#	Article	IF	Citations
1	Tocilizumab in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. Lancet, The, 2021, 397, 1637-1645.	6.3	1,374
2	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 1275-1287.	5.2	394
3	Convalescent plasma in patients admitted to hospital with COVID-19 (RECOVERY): a randomised controlled, open-label, platform trial. Lancet, The, 2021, 397, 2049-2059.	6.3	391
4	Guidelines on the management of acute respiratory distress syndrome. BMJ Open Respiratory Research, 2019, 6, e000420.	1.2	316
5	The validity of trans-esophageal Doppler ultrasonography as a measure of cardiac output in critically ill adults. Intensive Care Medicine, 2004, 30, 2060-2066.	3.9	230
6	Effect of Noninvasive Respiratory Strategies on Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure and COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 546.	3.8	229
7	Co-infections, secondary infections, and antimicrobial use in patients hospitalised with COVID-19 during the first pandemic wave from the ISARIC WHO CCP-UK study: a multicentre, prospective cohort study. Lancet Microbe, The, 2021, 2, e354-e365.	3.4	216
8	Longitudinal immune profiling reveals key myeloid signatures associated with COVID-19. Science Immunology, 2020, 5, .	5.6	198
9	Inflammatory profiles across the spectrum of disease reveal a distinct role for GM-CSF in severe COVID-19. Science Immunology, 2021, 6, .	5.6	161
10	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 349-359.	5.2	161
11	Risk of adverse outcomes in patients with underlying respiratory conditions admitted to hospital with COVID-19: a national, multicentre prospective cohort study using the ISARIC WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 699-711.	5.2	122
12	Vital signs and estimated blood loss in patients with major trauma: Testing the validity of the ATLS classification of hypovolaemic shock. Resuscitation, 2011, 82, 556-559.	1.3	121
13	Characterisation of in-hospital complications associated with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol UK: a prospective, multicentre cohort study. Lancet, The, 2021, 398, 223-237.	6.3	110
14	Accuracy of LightCyclerÂ® SeptiFast for the detection and identification of pathogens in the blood of patients with suspected sepsis: a systematic review and meta-analysis. Intensive Care Medicine, 2015, 41, 21-33.	3.9	98
15	Understanding and Enhancing Sepsis Survivorship. Priorities for Research and Practice. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 972-981.	2.5	96
16	Alterations in T and B cell function persist in convalescent COVID-19 patients. Med, 2021, 2, 720-735.e4.	2.2	87
17	BreathDx â€“ molecular analysis of exhaled breath as a diagnostic test for ventilatorâ€“associated pneumonia: protocol for a European multicentre observational study. BMC Pulmonary Medicine, 2017, 17, 1.	0.8	84
18	Co-infection in critically ill patients with COVID-19: an observational cohort study from England. Journal of Medical Microbiology, 2021, 70, .	0.7	81

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19	Testing the validity of the ATLS classification of hypovolaemic shock. Resuscitation, 2010, 81, 1142-1147.	1.3	78
20	Changes in in-hospital mortality in the first wave of COVID-19: a multicentre prospective observational cohort study using the WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 773-785.	5.2	78
21	The use of pre- pro- and synbiotics in adult intensive care unit patients: Systematic review. Clinical Nutrition, 2007, 26, 182-192.	2.3	72
22	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. Lancet Respiratory Medicine,the, 2020, 8, 182-191.	5.2	65
23	Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example. Infectious Disease Modelling, 2020, 5, 409-441.	1.2	61
24	Differences between brain and rectal temperatures during routine critical care of patients with severe traumatic brain injury. Anaesthesia, 2005, 60, 759-765.	1.8	59
25	Diagnostic accuracy of pulmonary host inflammatory mediators in the exclusion of ventilator-acquired pneumonia. Thorax, 2015, 70, 41-47.	2.7	59
26	Non-steroidal anti-inflammatory drug use and outcomes of COVID-19 in the ISARIC Clinical Characterisation Protocol UK cohort: a matched, prospective cohort study. Lancet Rheumatology, The, 2021, 3, e498-e506.	2.2	58
27	The impact of viral mutations on recognition by SARS-CoV-2 specific TÂcells. IScience, 2021, 24, 103353.	1.9	57
28	The potential role of exhaled breath analysis in the diagnostic process of pneumoniaâ€"a systematic review. Journal of Breath Research, 2018, 12, 024001.	1.5	56
29	Gadoliniumâ€enhanced magnetic resonance imaging for renovascular disease and nephrogenic systemic fibrosis: Critical review of the literature and UK experience. Journal of Magnetic Resonance Imaging, 2009, 29, 887-894.	1.9	54
30	Surveillance for lower airway pathogens in mechanically ventilated patients by metabolomic analysis of exhaled breath: a case-control study. Thorax, 2015, 70, 320-325.	2.7	54
31	Nanotools for Sepsis Diagnosis and Treatment. Advanced Healthcare Materials, 2021, 10, e2001378.	3.9	53
32	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. JAMA Neurology, 2021, 78, 1137.	4.5	53
33	Sepsis: the LightCycler SeptiFast Test MGRADEÂ®, SepsiTestâ„¢ and IRIDICA BAC BSI assay for rapidly identifying bloodstream bacteria and fungi â€“ a systematic review and economic evaluation. Health Technology Assessment, 2016, 20, 1-246.	1.3	52
34	Diagnostic accuracy of SeptiFast multi-pathogen real-time PCR in the setting of suspected healthcare-associated bloodstream infection. Intensive Care Medicine, 2015, 41, 86-93.	3.9	48
35	Acute kidney injury in patients hospitalized with COVID-19 from the ISARIC WHO CCP-UK Study: a prospective, multicentre cohort study. Nephrology Dialysis Transplantation, 2022, 37, 271-284.	0.4	48
36	Rapid detection of health-care-associated bloodstream infection in critical care using multipathogen real-time polymerase chain reaction technology: a diagnostic accuracy study and systematic review. Health Technology Assessment, 2015, 19, 1-142.	1.3	46

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37	Protein corona fingerprinting to differentiate sepsis from non-infectious systemic inflammation. Nanoscale, 2020, 12, 10240-10253.	2.8	45
38	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 20, 627-638.	4.9	40
39	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 235-251.	1.7	39
40	Systemic arterial pressure wave reflections during acute hemorrhage*. Critical Care Medicine, 2006, 34, 1497-1505.	0.4	35
41	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. Lancet Neurology, The, 2022, 21, 153-162.	4.9	34
42	â€˜In a dark place, we find ourselvesâ€™: light intensity in critical care units. Intensive Care Medicine Experimental, 2017, 5, 9.	0.9	32
43	16S pan-bacterial PCR can accurately identify patients with ventilator-associated pneumonia. Thorax, 2017, 72, 1046-1048.	2.7	31
44	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. Intensive Care Medicine, 2021, 47, 1115-1129.	3.9	31
45	Acute intestinal failure. Current Opinion in Critical Care, 2010, 16, 347-352.	1.6	30
46	Accuracy of LightCyclerÂ® SeptiFastfor the detection and identification of pathogens in the blood of patients with suspected sepsis: a systematic review protocol. BMJ Open, 2012, 2, e000392.	0.8	30
47	RECOVERY- Respiratory Support: Respiratory Strategies for patients with suspected or proven COVID-19 respiratory failure; Continuous Positive Airway Pressure, High-flow Nasal Oxygen, and standard care: A structured summary of a study protocol for a randomised controlled trial. Trials, 2020, 21, 687.	0.7	28
48	Systolic hypertension and the response to blunt trauma in infants and children. Resuscitation, 2002, 54, 245-253.	1.3	27
49	Estimation of errors in determining intrathoracic blood volume using thermal dilution in pigs with acute lung injury and haemorrhage â€. British Journal of Anaesthesia, 2004, 93, 546-551.	1.5	26
50	Ensuring that COVID-19 research is inclusive: guidance from the NIHR INCLUDE project. BMJ Open, 2020, 10, e043634.	0.8	24
51	The clinical diagnostic accuracy of rapid detection of healthcare-associated bloodstream infection in intensive care using multipathogen real-time PCR technology. BMJ Open, 2011, 1, e000181-e000181.	0.8	23
52	Importance of patient bed pathways and length of stay differences in predicting COVID-19 hospital bed occupancy in England. BMC Health Services Research, 2021, 21, 566.	0.9	22
53	Patient agitation and its management in adult critical care: A integrative review and narrative synthesis. Journal of Clinical Nursing, 2018, 27, e1284-e1308.	1.4	21
54	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. Neurocritical Care, 2021, 35, 184-196.	1.2	21

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55	Awake Proning as an Adjunctive Therapy for Refractory Hypoxemia in Non-Intubated Patients with COVID-19 Acute Respiratory Failure: Guidance from an International Group of Healthcare Workers. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1676-1686.	0.6	21
56	Editorial IV. British Journal of Anaesthesia, 2004, 92, 789-792.	1.5	20
57	The effectiveness of frequent antibiotic use in reducing the risk of infection-related hospital admissions: results from two large population-based cohorts. BMC Medicine, 2020, 18, 40.	2.3	20
58	Implementation of corticosteroids in treatment of COVID-19 in the ISARIC WHO Clinical Characterisation Protocol UK: prospective, cohort study. The Lancet Digital Health, 2022, 4, e220-e234.	5.9	20
59	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	1.5	19
60	Use of Procalcitonin during the First Wave of COVID-19 in the Acute NHS Hospitals: A Retrospective Observational Study. Antibiotics, 2021, 10, 516.	1.5	18
61	Removal of Contaminant DNA by Combined UV-EMA Treatment Allows Low Copy Number Detection of Clinically Relevant Bacteria Using Pan-Bacterial Real-Time PCR. PLoS ONE, 2015, 10, e0132954.	1.1	18
62	Effectiveness of biomarker-based exclusion of ventilator-acquired pneumonia to reduce antibiotic use (VAPrapid-2): study protocol for a randomised controlled trial. Trials, 2016, 17, 318.	0.7	17
63	Kaleidomaps: A New Technique for the Visualization of Multivariate Time-Series Data. Information Visualization, 2007, 6, 155-167.	1.2	15
64	Can a score derived from the Critical Care Minimum Data Set be used as a marker of organ dysfunction? â€“ a pilot study. BMC Research Notes, 2009, 2, 77.	0.6	14
65	Investigation of Systemic and Mesenteric Inflammatory Signaling and Gut-Derived Endothelial Toxicity in Patients Undergoing High-Risk Abdominal Aortic Surgery. Shock, 2011, 36, 121-127.	1.0	14
66	Combined Molecular Gram Typing and High-Resolution Melting Analysis for Rapid Identification of a Syndromic Panel of Bacteria Responsible for Sepsis-Associated Bloodstream Infection. Journal of Molecular Diagnostics, 2012, 14, 176-184.	1.2	12
67	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. Neurorehabilitation and Neural Repair, 2020, 34, 814-830.	1.4	12
68	Frequency of fatigue and its changes in the first 6Âmonths after traumatic brain injury: results from the CENTER-TBI study. Journal of Neurology, 2021, 268, 61-73.	1.8	12
69	Healthcare system impacts of the 2017 Manchester Arena bombing: evidence from a national trauma registry patient case series and hospital performance data. Emergency Medicine Journal, 2021, 38, 746-755.	0.4	12
70	Acute Management of Severe Traumatic Brain Injury. Critical Care Medicine, 2004, 32, 309-310.	0.4	11
71	Long-Lasting Alterations in T and B Cell Function in Convalescent COVID-19 Patients. SSRN Electronic Journal, 0, , .	0.4	11
72	Detecting sepsis-associated bloodstream infection acquired in intensive care using multi-pathogen real-time PCR. Journal of Infection, 2009, 59, 296-298.	1.7	10

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73	The management of agitation in adult critical care: Views and opinions from the multi-disciplinary team using a survey approach. Intensive and Critical Care Nursing, 2019, 54, 23-28.	1.4	10
74	The challenge of recognising sepsis: Future nanotechnology solutions. Journal of the Intensive Care Society, 2020, 21, 241-246.	1.1	10
75	Procalcitonin Is Not a Reliable Biomarker of Bacterial Coinfection in People With Coronavirus Disease 2019 Undergoing Microbiological Investigation at the Time of Hospital Admission. Open Forum Infectious Diseases, 2022, 9, ofac179.	0.4	10
76	Mucoactive agents for acute respiratory failure in the critically ill: a systematic review and meta-analysis. Thorax, 2020, 75, 623-631.	2.7	9
77	Impact of introducing procalcitonin testing on antibiotic usage in acute NHS hospitals during the first wave of COVID-19 in the UK: a controlled interrupted time series analysis of organization-level data. Journal of Antimicrobial Chemotherapy, 2022, 77, 1189-1196.	1.3	9
78	An Objective Analysis of an Accident Flying Squad. Scottish Medical Journal, 1990, 35, 73-76.	0.7	8
79	Comparing the systolic blood pressure (SBP) and pulse rate (PR) in injured children with and without traumatic brain injury. Resuscitation, 2010, 81, 418-421.	1.3	8
80	Detection and quantification of exhaled volatile organic compounds in mechanically ventilated patients â€“ comparison of two sampling methods. Analyst, The, 2021, 146, 222-231.	1.7	8
81	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. Journal of Critical Care, 2020, 59, 6-15.	1.0	8
82	Effects of sustained post-traumatic shock and initial fluid resuscitation on extravascular lung water content and pulmonary vascular pressures in a porcine model of shock. British Journal of Anaesthesia, 2003, 91, 224-232.	1.5	7
83	Clinical Chemistry of Congenic Mice with Quantitative Trait Loci for Predicted Responses to Trypanosoma congolense Infection. Infection and Immunity, 2009, 77, 3948-3957.	1.0	7
84	Characterising the research profile of the critical care physiotherapy workforce and engagement with critical care research: a UK national survey. BMJ Open, 2018, 8, e020350.	0.8	7
85	Probabilistic modeling approach for interpretable inference and prediction with data for sepsis diagnosis. Expert Systems With Applications, 2021, 183, 115333.	4.4	7
86	Cyclic neutropeniaâ€"Unusual cause of acute abdomen. Diseases of the Colon and Rectum, 1991, 34, 1125-1127.	0.7	6
87	Critically ill patients' experience of agitation: A qualitative metaâ€synthesis. Nursing in Critical Care, 2022, 27, 91-105.	1.1	6
88	Surveillance non-directed bronchial lavage allows confident use of focused antibiotics in the management of ventilator-associated pneumonia. Journal of Infection, 2010, 60, 397-399.	1.7	5
89	Airway clearance techniques and use of mucoactive agents for adult critically ill patients with acute respiratory failure: a qualitative study exploring UK physiotherapy practice. Physiotherapy, 2020, 108, 78-87.	0.2	5
90	The multidisciplinary team perspectives on agitation management in critical care: A qualitative study. Nursing in Critical Care, 2022, 27, 81-90.	1.1	5

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91	Mucoactive agent use in adult UK Critical Care Units: a survey of health care professionalsâ€™ perception, pharmacistsâ€™ description of practice, and point prevalence of mucoactive use in invasively mechanically ventilated patients. PeerJ, 2020, 8, e8828.	0.9	5
92	Questionnaires vs Interviews for the Assessment of Global Functional Outcomes After Traumatic Brain Injury. JAMA Network Open, 2021, 4, e2134121.	2.8	5
93	Synthesis of qualitative research studies regarding the factors surrounding UK critical care trial infrastructure. BMJ Open, 2019, 9, e030815.	0.8	4
94	More research is required to understand factors influencing antibiotic prescribing in complex conditions like suspected ventilator-associated pneumonia. Annals of Translational Medicine, 2020, 8, 840-840.	0.7	4
95	Implementing target range oxygen in critical care: A quality improvement pilot study. Journal of the Intensive Care Society, 2021, 22, 17-26.	1.1	4
96	Fluid replacement via the rectum for treatment of hypovolaemic shock in an animal model. Emergency Medicine Journal, 2007, 24, 3-4.	0.4	3
97	The diagnostic future for bloodstream infections?. Intensive Care Medicine, 2011, 37, 355-356.	3.9	3
98	Retrospective analysis of cancer patients admitted to a tertiary centre with suspected neutropenic sepsis: Are C-reactive protein and neutrophil count useful prognostic biomarkers?. Journal of the Intensive Care Society, 2018, 19, 132-137.	1.1	3
99	Co-enrolment to UK Critical Care Studies â€“ A 2019 update. Journal of the Intensive Care Society, 2022, 23, 53-57.	1.1	2
100	The future of acute and emergency care. Future Healthcare Journal, 2021, 8, e230-e236.	0.6	1
101	â€œSugar or Saltâ€•(SOS) trial protocol summary. Journal of the Intensive Care Society, 2022, 23, 492-492.	1.1	1
102	Hypothermia in trauma patients. European Journal of Emergency Medicine, 1996, 3, 59-60.	0.5	0
103	A 27-Year-Old Woman With Acute, Severe Asthma Who Developed Respiratory Failure. Chest, 2010, 137, 724-727.	0.4	0
104	I spy with my little eye something beginning with S: spotting sepsis. British Journal of Anaesthesia, 2016, 117, 279-281.	1.5	0
105	Nasogastric feeding on intensive care unit: does it vary around the clock?. British Journal of Anaesthesia, 2019, 123, e499.	1.5	0
106	Understanding antimicrobial prescribing in suspected ventilator-associated pneumonia: a prospective cohort study. Access Microbiology, 2020, 2, .	0.2	0
107	The patient and their familyâ€™s perspectives on agitation and its management in adult critical care: A qualitative study. Intensive and Critical Care Nursing, 2021, 69, 103163.	1.4	0