

Charles D Gomersall

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

9,517
citations

39
h-index

97
g-index

125
ext. papers

12,168
ext. citations

8.6
avg, IF

6
L-index

#	Paper	IF	Citations
116	International study of the prevalence and outcomes of infection in intensive care units. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2323-9	27.4	2023
115	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. <i>Intensive Care Medicine</i> , 2015 , 41, 1411-23	14.5	1131
114	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 506-517	35.1	812
113	Prospective evaluation of patients refused admission to an intensive care unit: triage, futility and outcome. <i>Intensive Care Medicine</i> , 2001 , 27, 1459-65	14.5	762
112	The views of patients and relatives of what makes a good intensivist: a European survey. <i>Intensive Care Medicine</i> , 2007 , 33, 1913-20	14.5	549
111	Principles of antibacterial dosing in continuous renal replacement therapy. <i>Critical Care Medicine</i> , 2009 , 37, 2268-82	1.4	280
110	Continuous infusion of beta-lactam antibiotics in severe sepsis: a multicenter double-blind, randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2013 , 56, 236-44	11.6	250
109	Impact of severe acute respiratory syndrome (SARS) on pulmonary function, functional capacity and quality of life in a cohort of survivors. <i>Thorax</i> , 2005 , 60, 401-9	7.3	243
108	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , 2021 , 47, 1181-1247	14.5	199
107	Management of severe sepsis in patients admitted to Asian intensive care units: prospective cohort study. <i>BMJ, The</i> , 2011 , 342, d3245	5.9	148
106	A Multicenter Randomized Trial of Continuous versus Intermittent β -lactam Infusion in Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1298-305	10.2	147
105	The pharmacokinetics of once-daily dosing of ceftriaxone in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2001 , 47, 421-9	5.1	140
104	Resuscitation of critically ill patients based on the results of gastric tonometry: a prospective, randomized, controlled trial. <i>Critical Care Medicine</i> , 2000 , 28, 607-14	1.4	131
103	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, e1063-e1143	1.4	131
102	Deep venous thrombosis caused by femoral venous catheters in critically ill adult patients. <i>Chest</i> , 2000 , 117, 178-83	5.3	127
101	Triage: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , 2014 , 146, e61S-74S	5.3	123
100	Increase in methicillin-resistant <i>Staphylococcus aureus</i> acquisition rate and change in pathogen pattern associated with an outbreak of severe acute respiratory syndrome. <i>Clinical Infectious Diseases</i> , 2004 , 39, 511-6	11.6	103

99	Protecting healthcare staff from severe acute respiratory syndrome: filtration capacity of multiple surgical masks. <i>Journal of Hospital Infection</i> , 2005 , 59, 365-8	6.9	83
98	Short-term outcome of critically ill patients with severe acute respiratory syndrome. <i>Intensive Care Medicine</i> , 2004 , 30, 381-7	14.5	81
97	Continuous infusion ceftazidime in intensive care: a randomized controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 1999 , 43, 309-11	5.1	72
96	Randomized controlled trial comparing adaptive-support ventilation with pressure-regulated volume-controlled ventilation with automode in weaning patients after cardiac surgery. <i>Anesthesiology</i> , 2008 , 109, 81-7	4.3	72
95	Intermittent bolus dosing of ceftazidime in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1997 , 40, 269-73	5.1	70
94	A systematic review of antibiotic dosing regimens for septic patients receiving continuous renal replacement therapy: do current studies supply sufficient data?. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 929-37	5.1	68
93	Expanding ICU facilities in an epidemic: recommendations based on experience from the SARS epidemic in Hong Kong and Singapore. <i>Intensive Care Medicine</i> , 2006 , 32, 1004-13	14.5	63
92	Association between augmented renal clearance and clinical outcomes in patients receiving beta-lactam antibiotic therapy by continuous or intermittent infusion: a nested cohort study of the BLING-II randomised, placebo-controlled, clinical trial. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 624-630	14.3	56
91	Comparison of intrathoracic and intra-abdominal measurements of central venous pressure. <i>Lancet, The</i> , 1996 , 347, 1155-7	4.0	56
90	Adsorption of amikacin, a significant mechanism of elimination by hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1009-13	5.9	55
89	Late-stage adult respiratory distress syndrome caused by severe acute respiratory syndrome: abnormal findings at thin-section CT. <i>Radiology</i> , 2004 , 230, 339-46	20.5	54
88	The critically ill avian influenza A (H5N1) patient. <i>Critical Care Medicine</i> , 2007 , 35, 1397-403	1.4	53
87	Principles of antibacterial dosing in continuous renal replacement therapy. <i>Blood Purification</i> , 2010 , 30, 195-212	3.1	49
86	How to optimise antimicrobial prescriptions in the Intensive Care Unit: principles of individualised dosing using pharmacokinetics and pharmacodynamics. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 187-92	14.3	45
85	Oxygen delivery, oxygen consumption, and gastric intramucosal pH are not improved by a computer-controlled, closed-loop, vecuronium infusion in severe sepsis and septic shock. <i>Critical Care Medicine</i> , 1997 , 25, 72-7	1.4	44
84	Validation of the multiple organ dysfunction (MOD) score in critically ill medical and surgical patients. <i>Intensive Care Medicine</i> , 2003 , 29, 2216-2222	14.5	43
83	Gastric tonometry and prediction of outcome in the critically ill. Arterial to intramucosal pH gradient and carbon dioxide gradient. <i>Anaesthesia</i> , 1997 , 52, 619-23	6.6	42
82	The educational environment for training in intensive care medicine: structures, processes, outcomes and challenges in the European region. <i>Intensive Care Medicine</i> , 2009 , 35, 1575-83	14.5	41

81	The effect of adsorption, filter material and point of dilution on antibiotic elimination by haemofiltration. An in vitro study of levofloxacin. <i>International Journal of Antimicrobial Agents</i> , 2004 , 24, 468-472	14.3	41
80	Attitudes towards ethical problems in critical care medicine: the Chinese perspective. <i>Intensive Care Medicine</i> , 2011 , 37, 655-64	14.5	40
79	Surgical helmets and SARS infection. <i>Emerging Infectious Diseases</i> , 2004 , 10, 277-9	10.2	39
78	Oxygen therapy for hypercapnic patients with chronic obstructive pulmonary disease and acute respiratory failure: a randomized, controlled pilot study. <i>Critical Care Medicine</i> , 2002 , 30, 113-6	1.4	39
77	Structure, Organization, and Delivery of Critical Care in Asian ICUs. <i>Critical Care Medicine</i> , 2016 , 44, e940-84	14.5	39
76	Outcome of patients receiving high dose vasopressor therapy: a retrospective cohort study. <i>Anaesthesia and Intensive Care</i> , 2009 , 37, 286-9	1.1	37
75	Failure of the INVOS 3100 cerebral oximeter to detect complete absence of cerebral blood flow. <i>Critical Care Medicine</i> , 1997 , 25, 1252-4	1.4	37
74	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , 2021 , 72, 1369-1378	11.6	37
73	InFACT: a global critical care research response to H1N1. <i>Lancet, The</i> , 2010 , 375, 11-3	40	36
72	Avian influenza (H5N1): implications for intensive care. <i>Intensive Care Medicine</i> , 2006 , 32, 823-9	14.5	35
71	How the COVID-19 pandemic will change the future of critical care. <i>Intensive Care Medicine</i> , 2021 , 47, 282-291	14.5	34
70	Predictive value of the user seal check in determining half-face respirator fit. <i>Journal of Hospital Infection</i> , 2005 , 59, 152-5	6.9	32
69	A randomized controlled trial of adaptive support ventilation mode to wean patients after fast-track cardiac valvular surgery. <i>Anesthesiology</i> , 2015 , 122, 832-40	4.3	31
68	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, 1974-1982	1.4	31
67	International standards for programmes of training in intensive care medicine in Europe. <i>Intensive Care Medicine</i> , 2011 , 37, 385-93	14.5	30
66	Transmission of SARS to healthcare workers. The experience of a Hong Kong ICU. <i>Intensive Care Medicine</i> , 2006 , 32, 564-9	14.5	29
65	Effect of drug concentration on adsorption of levofloxacin by polyacrylonitrile haemofilters. <i>International Journal of Antimicrobial Agents</i> , 2006 , 28, 147-50	14.3	27
64	Severity assessment tools in ICU patients with 2009 influenza A (H1N1) pneumonia. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 1040-8	9.5	25

63	The adsorption of vancomycin by polyacrylonitrile, polyamide, and polysulfone hemofilters. <i>Artificial Organs</i> , 2008 , 32, 81-4	2.6	25
62	Changes in medical students' attitudes towards end-of-life decisions across different years of medical training. <i>Journal of General Internal Medicine</i> , 2008 , 23, 1608-14	4	25
61	Protecting staff against airborne viral particles: in vivo efficiency of laser masks. <i>Journal of Hospital Infection</i> , 2006 , 64, 278-81	6.9	25
60	The effect of adsorption, filter material and point of dilution on antibiotic elimination by haemofiltration: an in vitro study of levofloxacin. <i>International Journal of Antimicrobial Agents</i> , 2004 , 24, 468-72	14.3	23
59	Critical care in the developing world - a challenge for us all. <i>Critical Care</i> , 2010 , 14, 131	10.8	22
58	To increase or decrease dosage of antimicrobials in septic patients during continuous renal replacement therapy: the eternal doubt. <i>Current Opinion in Pharmacology</i> , 2015 , 24, 68-78	5.1	21
57	Pharmacodynamic profiling of intravenous antibiotics against prevalent Gram-negative organisms across the globe: the PASSPORT Program-Asia-Pacific Region. <i>International Journal of Antimicrobial Agents</i> , 2011 , 37, 225-9	14.3	21
56	In vitro adsorption of gentamicin and netilmicin by polyacrylonitrile and polyamide hemofiltration filters. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 963-5	5.9	21
55	Fast-track failure after cardiac surgery: external model validation and implications to ICU bed utilization. <i>Critical Care Medicine</i> , 2013 , 41, 1205-13	1.4	19
54	Gastric intramucosal pH and blood lactate in severe sepsis. <i>Anaesthesia</i> , 1997 , 52, 726-32	6.6	19
53	Pro/con clinical debate: steroids are a key component in the treatment of SARS. Pro: Yes, steroids are a key component of the treatment regimen for SARS. <i>Critical Care</i> , 2004 , 8, 105-7	10.8	18
52	Resource-poor settings: infrastructure and capacity building: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , 2014 , 146, e156S-67S	5.3	17
51	Effect of preexposure to aminoglycosides on in vitro adsorption of amikacin by polyacrylonitrile hemofilters. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3641-2	5.9	15
50	Is inhaled prophylactic heparin useful for prevention and Management of Pneumonia in ventilated ICU patients?: The IPHIVAP investigators of the Australian and New Zealand Intensive Care Society Clinical Trials Group. <i>Journal of Critical Care</i> , 2016 , 34, 95-102	4	15
49	What is the benefit in triage?. <i>Critical Care Medicine</i> , 2011 , 39, 911-2	1.4	14
48	A systematic review of short courses for nonspecialist education in intensive care. <i>Journal of Critical Care</i> , 2011 , 26, 533.e1-533.e10	4	14
47	A comparison of the Hamamatsu NIRO 500 and the INVOS 3100 near-infrared spectrophotometers. <i>Anaesthesia and Intensive Care</i> , 1998 , 26, 548-57	1.1	14
46	Advances in critical care management of patients undergoing cardiac surgery. <i>Intensive Care Medicine</i> , 2018 , 44, 799-810	14.5	13

45	Patient and family satisfaction levels in the intensive care unit after elective cardiac surgery: study protocol for a randomised controlled trial of a preoperative patient education intervention. <i>BMJ Open</i> , 2016 , 6, e011341	3	13
44	Teaching acute care: a course for undergraduates. <i>Resuscitation</i> , 2007 , 74, 142-9	4	12
43	Resource-poor settings: response, recovery, and research: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , 2014 , 146, e168S-77S	5.3	11
42	A randomised controlled pilot study to compare filtration factor of a novel non-fit-tested high-efficiency particulate air (HEPA) filtering facemask with a fit-tested N95 mask. <i>Journal of Hospital Infection</i> , 2010 , 76, 23-5	6.9	11
41	Performance of an oxygen delivery device for weaning potentially infectious critically ill patients. <i>Anaesthesia</i> , 2004 , 59, 710-4	6.6	11
40	Exploring the scope of communication content of mechanically ventilated patients. <i>Journal of Critical Care</i> , 2018 , 44, 136-141	4	11
39	Factors associated with failure of enhanced recovery protocol in patients undergoing major hepatobiliary and pancreatic surgery: a retrospective cohort study. <i>BMJ Open</i> , 2014 , 4, e005330	3	9
38	An in vitro study of the elimination of oseltamivir carboxylate by haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2007 , 30, 95-7	14.3	9
37	Pandemic preparedness. <i>Current Opinion in Critical Care</i> , 2007 , 13, 742-7	3.5	9
36	A randomized controlled trial of 2 protocols for weaning cardiac surgical patients receiving adaptive support ventilation. <i>Journal of Critical Care</i> , 2016 , 33, 163-8	4	8
35	Delayed upper airway obstruction. A life-threatening complication of Dettol poisoning. <i>Anaesthesia</i> , 1997 , 52, 261-3	6.6	7
34	Near-infrared spectroscopy and cerebral hemodynamics. <i>Critical Care Medicine</i> , 1996 , 24, 1423; author reply 1424-5	1.4	7
33	In-vitro adsorption and sieving coefficient of ticarcillin-clavulanate during continuous haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 261-264	14.3	6
32	The dangers of trying to make ends meet: accidental intravenous administration of enteral feed. <i>Anaesthesia and Intensive Care</i> , 2003 , 31, 324-7	1.1	6
31	The Effect of a Freely Available Flipped Classroom Course on Health Care Worker Patient Safety Culture: A Prospective Controlled Study. <i>Journal of Medical Internet Research</i> , 2016 , 18, e180	7.6	6
30	Middle East respiratory syndrome. <i>Intensive Care Medicine</i> , 2014 , 40, 1015-7	14.5	5
29	Middle East respiratory syndrome: new disease, old lessons. <i>Lancet, The</i> , 2013 , 381, 2229-30	40	5
28	A surveillance method to identify patients with sepsis from electronic health records in Hong Kong: a single centre retrospective study. <i>BMC Infectious Diseases</i> , 2020 , 20, 652	4	5

27	A Hong Kong family with respiratory illness. <i>Lancet, The</i> , 2003 , 362, 38	4.0	4
26	White paper: statement on conflicts of interest. <i>Intensive Care Medicine</i> , 2018 , 44, 1657-1668	14.5	4
25	A controlled crossover human volunteer study of the in vivo filtration efficacy of a high-efficiency particulate air-filtering oxygen mask. <i>American Journal of Infection Control</i> , 2011 , 39, 782-4	3.8	3
24	Can learning to sustain life be BASIC? Teaching for the initial management of the critically ill in Australia and New Zealand. <i>Anaesthesia and Intensive Care</i> , 2010 , 38, 1043-51	1.1	3
23	Effect of cisapride on gastric emptying. <i>Critical Care Medicine</i> , 1998 , 26, 188-9	1.4	3
22	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1352-1359	4.7	3
21	Australasian Resuscitation In Sepsis Evaluation trial statistical analysis plan. <i>EMA - Emergency Medicine Australasia</i> , 2013 , 25, 406-15	1.5	2
20	Electronic interactive learning to supplement acute care teaching. <i>Medical Education</i> , 2010 , 44, 526	3.7	2
19	Low-dose heparin for severe sepsis. <i>New England Journal of Medicine</i> , 2003 , 348, 1185-6; author reply 1185-6	59.2	2
18	Upper airway obstruction caused by acquired inhibitor to factor VIII. <i>Anaesthesia</i> , 1996 , 51, 689-91	6.6	2
17	Effect of preoperative education and ICU tour on patient and family satisfaction and anxiety in the intensive care unit after elective cardiac surgery: a randomised controlled trial. <i>BMJ Quality and Safety</i> , 2021 , 30, 228-235	5.4	2
16	Performance of a new oxygen delivery device for potentially infectious critically ill patients. <i>Anaesthesia</i> , 2013 , 68, 1038-44	6.6	1
15	Overdose of methyldopa, indapamide and theophylline resulting in prolonged hypotension, marked diuresis and hypokalaemia in an elderly patient. <i>Pharmacoepidemiology and Drug Safety</i> , 2009 , 18, 977-9	2.6	1
14	Epinephrine impairs splanchnic perfusion in septic shock. <i>Critical Care Medicine</i> , 1998 , 26, 620-1	1.4	1
13	Intensive care unit triage77-84		1
12	The story of critical care in Asia: a narrative review. <i>Journal of Intensive Care</i> , 2021 , 9, 60	7	0
11	Survival of mechanically ventilated ward patients and association with organisational factors: a multicentre prospective study.. <i>BMJ Open</i> , 2021 , 11, e052462	3	0
10	Reply to Soman et al. <i>Clinical Infectious Diseases</i> , 2013 , 57, 323-4	11.6	

9	Adaptive support ventilation of cardiac surgical patients: A component of a complex intervention. <i>Journal of Critical Care</i> , 2017 , 37, 251	4
8	Treatment of oxygen-induced hypercapnia. <i>Lancet, The</i> , 2001 , 357, 883; author reply 884	40
7	Predictive value of PCO ₂ gap in infants. <i>Chest</i> , 1998 , 113, 561-2	53
6	Gastric tonometry. <i>British Journal of Anaesthesia</i> , 1995 , 75, 507-8	54
5	Gastric tonometry. <i>Anaesthesia</i> , 1996 , 51, 1074-5	66
4	Intramucosal pH Titrated Therapy: Jumping to Conclusions?. <i>Critical Care Medicine</i> , 2001 , 29, 461-463	14
3	Tissue Capnometry. <i>Critical Care Medicine</i> , 2001 , 29, 460	14
2	Changes of methodology in clinical trials of sepsis over time. <i>Critical Care Medicine</i> , 2003 , 31, 336; author reply 336-7	14
1	The Clinical Management of SARS 2004 , 144-158	