

# Charles D Gomersall

## List of Publications by Year in Descending Order

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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	The story of critical care in Asia: a narrative review. <i>Journal of Intensive Care</i> , <b>2021</b> , 9, 60	7	0
115	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143	1.4	131
114	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1974-1982	1.4	31
113	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1181-1247	14.5	199
112	How the COVID-19 pandemic will change the future of critical care. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 282-291	14.5	34
111	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> , <b>2021</b> , 30, 228-235	5.4	2
110	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> , <b>2021</b> , 72, 1369-1378	11.6	37
109	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1352-1359	4.7	3
108	Survival of mechanically ventilated ward patients and association with organisational factors: a multicentre prospective study.. <i>BMJ Open</i> , <b>2021</b> , 11, e052462	3	0
107	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 506-517	35.1	812
106	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> , <b>2020</b> , 20, 652	4	5
105	In-vitro adsorption and sieving coefficient of ticarcillin-clavulanate during continuous haemofiltration. <i>International Journal of Antimicrobial Agents</i> , <b>2019</b> , 54, 261-264	14.3	6
104	Advances in critical care management of patients undergoing cardiac surgery. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 799-810	14.5	13
103	Exploring the scope of communication content of mechanically ventilated patients. <i>Journal of Critical Care</i> , <b>2018</b> , 44, 136-141	4	11
102	White paper: statement on conflicts of interest. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1657-1668	14.5	4
101	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> , <b>2017</b> , 49, 624-630	14.3	56
100	Adaptive support ventilation of cardiac surgical patients: A component of a complex intervention. <i>Journal of Critical Care</i> , <b>2017</b> , 37, 251	4	

99	A randomized controlled trial of 2 protocols for weaning cardiac surgical patients receiving adaptive support ventilation. <i>Journal of Critical Care</i> , <b>2016</b> , 33, 163-8	4	8
98	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> , <b>2016</b> , 18, e180	7.6	6
97	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> , <b>2016</b> , 6, e011341	3	13
96	Structure, Organization, and Delivery of Critical Care in Asian ICUs. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e940-84	14	39
95	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> , <b>2016</b> , 34, 95-102	4	15
94	A Multicenter Randomized Trial of Continuous versus Intermittent $\beta$ -Lactam Infusion in Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 1298-305	10.2	147
93	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1411-23	14.5	1131
92	A randomized controlled trial of adaptive support ventilation mode to wean patients after fast-track cardiac valvular surgery. <i>Anesthesiology</i> , <b>2015</b> , 122, 832-40	4.3	31
91	To increase or decrease dosage of antimicrobials in septic patients during continuous renal replacement therapy: the eternal doubt. <i>Current Opinion in Pharmacology</i> , <b>2015</b> , 24, 68-78	5.1	21
90	Middle East respiratory syndrome. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1015-7	14.5	5
89	Resource-poor settings: infrastructure and capacity building: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , <b>2014</b> , 146, e156S-67S	5.3	17
88	Resource-poor settings: response, recovery, and research: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , <b>2014</b> , 146, e168S-77S	5.3	11
87	Triage: care of the critically ill and injured during pandemics and disasters: CHEST consensus statement. <i>Chest</i> , <b>2014</b> , 146, e61S-74S	5.3	123
86	Factors associated with failure of enhanced recovery protocol in patients undergoing major hepatobiliary and pancreatic surgery: a retrospective cohort study. <i>BMJ Open</i> , <b>2014</b> , 4, e005330	3	9
85	Reply to Soman et al. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 323-4	11.6	
84	Continuous infusion of beta-lactam antibiotics in severe sepsis: a multicenter double-blind, randomized controlled trial. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 56, 236-44	11.6	250
83	Middle East respiratory syndrome: new disease, old lessons. <i>Lancet, The</i> , <b>2013</b> , 381, 2229-30	40	5
82	Fast-track failure after cardiac surgery: external model validation and implications to ICU bed utilization. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1205-13	1.4	19

81	Australasian Resuscitation In Sepsis Evaluation trial statistical analysis plan. <i>EMA - Emergency Medicine Australasia</i> , <b>2013</b> , 25, 406-15	1.5	2
80	Performance of a new oxygen delivery device for potentially infectious critically ill patients. <i>Anaesthesia</i> , <b>2013</b> , 68, 1038-44	6.6	1
79	Severity assessment tools in ICU patients with 2009 influenza A (H1N1) pneumonia. <i>Clinical Microbiology and Infection</i> , <b>2012</b> , 18, 1040-8	9.5	25
78	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> , <b>2012</b> , 39, 187-92	14.3	45
77	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> , <b>2011</b> , 37, 225-9	14.3	21
76	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> , <b>2011</b> , 39, 782-4	3.8	3
75	What is the benefit in triage?. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 911-2	1.4	14
74	A systematic review of short courses for nonspecialist education in intensive care. <i>Journal of Critical Care</i> , <b>2011</b> , 26, 533.e1-533.e10	4	14
73	International standards for programmes of training in intensive care medicine in Europe. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 385-93	14.5	30
72	Attitudes towards ethical problems in critical care medicine: the Chinese perspective. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 655-64	14.5	40
71	Management of severe sepsis in patients admitted to Asian intensive care units: prospective cohort study. <i>BMJ, The</i> , <b>2011</b> , 342, d3245	5.9	148
70	Effect of preexposure to aminoglycosides on in vitro adsorption of amikacin by polyacrylonitrile hemofilters. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 3641-2	5.9	15
69	Electronic interactive learning to supplement acute care teaching. <i>Medical Education</i> , <b>2010</b> , 44, 526	3.7	2
68	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> , <b>2010</b> , 38, 1043-51	1.1	3
67	In vitro adsorption of gentamicin and netilmicin by polyacrylonitrile and polyamide hemofiltration filters. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 963-5	5.9	21
66	InFACT: a global critical care research response to H1N1. <i>Lancet, The</i> , <b>2010</b> , 375, 11-3	40	36
65	Principles of antibacterial dosing in continuous renal replacement therapy. <i>Blood Purification</i> , <b>2010</b> , 30, 195-212	3.1	49
64	Critical care in the developing world - a challenge for us all. <i>Critical Care</i> , <b>2010</b> , 14, 131	10.8	22

63	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> , <b>2010</b> , 76, 23-5	6.9	11
62	Outcome of patients receiving high dose vasopressor therapy: a retrospective cohort study. <i>Anaesthesia and Intensive Care</i> , <b>2009</b> , 37, 286-9	1.1	37
61	The educational environment for training in intensive care medicine: structures, processes, outcomes and challenges in the European region. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1575-83	14.5	41
60	Overdose of methyldopa, indapamide and theophylline resulting in prolonged hypotension, marked diuresis and hypokalaemia in an elderly patient. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2009</b> , 18, 977-9	2.6	1
59	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> , <b>2009</b> , 64, 929-37	5.1	68
58	International study of the prevalence and outcomes of infection in intensive care units. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 302, 2323-9	27.4	2023
57	Principles of antibacterial dosing in continuous renal replacement therapy. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2268-82	1.4	280
56	Adsorption of amikacin, a significant mechanism of elimination by hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 1009-13	5.9	55
55	The adsorption of vancomycin by polyacrylonitrile, polyamide, and polysulfone hemofilters. <i>Artificial Organs</i> , <b>2008</b> , 32, 81-4	2.6	25
54	Changes in medical students' attitudes towards end-of-life decisions across different years of medical training. <i>Journal of General Internal Medicine</i> , <b>2008</b> , 23, 1608-14	4	25
53	Randomized controlled trial comparing adaptive-support ventilation with pressure-regulated volume-controlled ventilation with automode in weaning patients after cardiac surgery. <i>Anesthesiology</i> , <b>2008</b> , 109, 81-7	4.3	72
52	An in vitro study of the elimination of oseltamivir carboxylate by haemofiltration. <i>International Journal of Antimicrobial Agents</i> , <b>2007</b> , 30, 95-7	14.3	9
51	Teaching acute care: a course for undergraduates. <i>Resuscitation</i> , <b>2007</b> , 74, 142-9	4	12
50	The views of patients and relatives of what makes a good intensivist: a European survey. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1913-20	14.5	549
49	The critically ill avian influenza A (H5N1) patient. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1397-403	1.4	53
48	Pandemic preparedness. <i>Current Opinion in Critical Care</i> , <b>2007</b> , 13, 742-7	3.5	9
47	Effect of drug concentration on adsorption of levofloxacin by polyacrylonitrile haemofilters. <i>International Journal of Antimicrobial Agents</i> , <b>2006</b> , 28, 147-50	14.3	27
46	Protecting staff against airborne viral particles: in vivo efficiency of laser masks. <i>Journal of Hospital Infection</i> , <b>2006</b> , 64, 278-81	6.9	25

45	Transmission of SARS to healthcare workers. The experience of a Hong Kong ICU. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 564-9	14.5	29
44	Expanding ICU facilities in an epidemic: recommendations based on experience from the SARS epidemic in Hong Kong and Singapore. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1004-13	14.5	63
43	Avian influenza (H5N1): implications for intensive care. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 823-9	14.5	35
42	Predictive value of the user seal check in determining half-face respirator fit. <i>Journal of Hospital Infection</i> , <b>2005</b> , 59, 152-5	6.9	32
41	Protecting healthcare staff from severe acute respiratory syndrome: filtration capacity of multiple surgical masks. <i>Journal of Hospital Infection</i> , <b>2005</b> , 59, 365-8	6.9	83
40	Impact of severe acute respiratory syndrome (SARS) on pulmonary function, functional capacity and quality of life in a cohort of survivors. <i>Thorax</i> , <b>2005</b> , 60, 401-9	7.3	243
39	Surgical helmets and SARS infection. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 277-9	10.2	39
38	Late-stage adult respiratory distress syndrome caused by severe acute respiratory syndrome: abnormal findings at thin-section CT. <i>Radiology</i> , <b>2004</b> , 230, 339-46	20.5	54
37	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> , <b>2004</b> , 39, 511-6	11.6	103
36	Performance of an oxygen delivery device for weaning potentially infectious critically ill patients. <i>Anaesthesia</i> , <b>2004</b> , 59, 710-4	6.6	11
35	Short-term outcome of critically ill patients with severe acute respiratory syndrome. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 381-7	14.5	81
34	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> , <b>2004</b> , 8, 105-7	10.8	18
33	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> , <b>2004</b> , 24, 468-72	14.3	23
32	The effect of adsorption, filter material and point of dilution on antibiotic elimination by haemofiltrationAn in vitro study of levofloxacin. <i>International Journal of Antimicrobial Agents</i> , <b>2004</b> , 24, 468-472	14.3	41
31	The Clinical Management of SARS <b>2004</b> , 144-158		
30	Low-dose heparin for severe sepsis. <i>New England Journal of Medicine</i> , <b>2003</b> , 348, 1185-6; author reply 1185-6	59.2	2
29	The dangers of trying to make ends meet: accidental intravenous administration of enteral feed. <i>Anaesthesia and Intensive Care</i> , <b>2003</b> , 31, 324-7	1.1	6
28	Validation of the multiple organ dysfunction (MOD) score in critically ill medical and surgical patients. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 2216-2222	14.5	43

27	A Hong Kong family with respiratory illness. <i>Lancet, The</i> , <b>2003</b> , 362, 38	40	4
26	Changes of methodology in clinical trials of sepsis over time. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 336; author reply 336-7	1.4	
25	Oxygen therapy for hypercapnic patients with chronic obstructive pulmonary disease and acute respiratory failure: a randomized, controlled pilot study. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 113-6	1.4	39
24	Prospective evaluation of patients refused admission to an intensive care unit: triage, futility and outcome. <i>Intensive Care Medicine</i> , <b>2001</b> , 27, 1459-65	14.5	762
23	The pharmacokinetics of once-daily dosing of ceftriaxone in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2001</b> , 47, 421-9	5.1	140
22	Treatment of oxygen-induced hypercapnia. <i>Lancet, The</i> , <b>2001</b> , 357, 883; author reply 884	40	
21	Intramucosal pH Titrated Therapy: Jumping to Conclusions?. <i>Critical Care Medicine</i> , <b>2001</b> , 29, 461-463	1.4	
20	Tissue Capnometry. <i>Critical Care Medicine</i> , <b>2001</b> , 29, 460	1.4	
19	Resuscitation of critically ill patients based on the results of gastric tonometry: a prospective, randomized, controlled trial. <i>Critical Care Medicine</i> , <b>2000</b> , 28, 607-14	1.4	131
18	Deep venous thrombosis caused by femoral venous catheters in critically ill adult patients. <i>Chest</i> , <b>2000</b> , 117, 178-83	5.3	127
17	Continuous infusion ceftazidime in intensive care: a randomized controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , <b>1999</b> , 43, 309-11	5.1	72
16	Predictive value of PCO <sub>2</sub> gap in infants. <i>Chest</i> , <b>1998</b> , 113, 561-2	5.3	
15	A comparison of the Hamamatsu NIRO 500 and the INVOS 3100 near-infrared spectrophotometers. <i>Anaesthesia and Intensive Care</i> , <b>1998</b> , 26, 548-57	1.1	14
14	Effect of cisapride on gastric emptying. <i>Critical Care Medicine</i> , <b>1998</b> , 26, 188-9	1.4	3
13	Epinephrine impairs splanchnic perfusion in septic shock. <i>Critical Care Medicine</i> , <b>1998</b> , 26, 620-1	1.4	1
12	Intermittent bolus dosing of ceftazidime in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>1997</b> , 40, 269-73	5.1	70
11	Delayed upper airway obstruction. A life-threatening complication of Dettol poisoning. <i>Anaesthesia</i> , <b>1997</b> , 52, 261-3	6.6	7
10	Gastric tonometry and prediction of outcome in the critically ill. Arterial to intramucosal pH gradient and carbon dioxide gradient. <i>Anaesthesia</i> , <b>1997</b> , 52, 619-23	6.6	42

9	Gastric intramucosal pH and blood lactate in severe sepsis. <i>Anaesthesia</i> , <b>1997</b> , 52, 726-32	6.6	19
8	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> , <b>1997</b> , 25, 72-7	1.4	44
7	Failure of the INVOS 3100 cerebral oximeter to detect complete absence of cerebral blood flow. <i>Critical Care Medicine</i> , <b>1997</b> , 25, 1252-4	1.4	37
6	Comparison of intrathoracic and intra-abdominal measurements of central venous pressure. <i>Lancet, The</i> , <b>1996</b> , 347, 1155-7	4.0	56
5	Upper airway obstruction caused by acquired inhibitor to factor VIII. <i>Anaesthesia</i> , <b>1996</b> , 51, 689-91	6.6	2
4	Gastric tonometry. <i>Anaesthesia</i> , <b>1996</b> , 51, 1074-5	6.6	
3	Near-infrared spectroscopy and cerebral hemodynamics. <i>Critical Care Medicine</i> , <b>1996</b> , 24, 1423; author reply 1424-5	1.4	7
2	Gastric tonometry. <i>British Journal of Anaesthesia</i> , <b>1995</b> , 75, 507-8	5.4	
1	Intensive care unit triage77-84		1