

Charles D Gomersall

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

14,867
citations

57631

44
h-index

23472

111
g-index

125
all docs

125
docs citations

125
times ranked

14959
citing authors

#	ARTICLE	IF	CITATIONS
1	International Study of the Prevalence and Outcomes of Infection in Intensive Care Units. JAMA - Journal of the American Medical Association, 2009, 302, 2323.	3.8	2,682
2	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. Intensive Care Medicine, 2015, 41, 1411-1423.	3.9	1,838
3	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. Intensive Care Medicine, 2021, 47, 1181-1247.	3.9	1,503
4	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. Lancet Respiratory Medicine, 2020, 8, 506-517.	5.2	1,177
5	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. Critical Care Medicine, 2021, 49, e1063-e1143.	0.4	927
6	Prospective evaluation of patients refused admission to an intensive care unit: triage, futility and outcome. Intensive Care Medicine, 2001, 27, 1459-1465.	3.9	788
7	The views of patients and relatives of what makes a good intensivist: a European survey. Intensive Care Medicine, 2007, 33, 1913-1920.	3.9	569
8	Impact of severe acute respiratory syndrome (SARS) on pulmonary function, functional capacity and quality of life in a cohort of survivors. Thorax, 2005, 60, 401-409.	2.7	402
9	Principles of antibacterial dosing in continuous renal replacement therapy. Critical Care Medicine, 2009, 37, 2268-2282.	0.4	335
10	Continuous Infusion of Beta-Lactam Antibiotics in Severe Sepsis: A Multicenter Double-Blind, Randomized Controlled Trial. Clinical Infectious Diseases, 2013, 56, 236-244.	2.9	317
11	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. Critical Care Medicine, 2021, 49, 1974-1982.	0.4	209
12	A Multicenter Randomized Trial of Continuous versus Intermittent β -Lactam Infusion in Severe Sepsis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1298-1305.	2.5	206
13	Management of severe sepsis in patients admitted to Asian intensive care units: prospective cohort study. BMJ: British Medical Journal, 2011, 342, d3245-d3245.	2.4	179
14	The pharmacokinetics of once-daily dosing of ceftriaxone in critically ill patients. Journal of Antimicrobial Chemotherapy, 2001, 47, 421-429.	1.3	171
15	Triage. Chest, 2014, 146, e61S-e74S.	0.4	171
16	Resuscitation of critically ill patients based on the results of gastric tonometry: A prospective, randomized, controlled trial. Critical Care Medicine, 2000, 28, 607-614.	0.4	145
17	Deep Venous Thrombosis Caused by Femoral Venous Catheters in Critically Ill Adult Patients. Chest, 2000, 117, 178-183.	0.4	143
18	How the COVID-19 pandemic will change the future of critical care. Intensive Care Medicine, 2021, 47, 282-291.	3.9	132

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19	Increase in Methicillin-Resistant Staphylococcus aureus Acquisition Rate and Change in Pathogen Pattern Associated with an Outbreak of Severe Acute Respiratory Syndrome. <i>Clinical Infectious Diseases</i> , 2004, 39, 511-516.	2.9	124
20	Short-term outcome of critically ill patients with severe acute respiratory syndrome. <i>Intensive Care Medicine</i> , 2004, 30, 381-387.	3.9	109
21	Continuous infusion ceftazidime in intensive care: a randomized controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 1999, 43, 309-311.	1.3	101
22	Protecting healthcare staff from severe acute respiratory syndrome: filtration capacity of multiple surgical masks. <i>Journal of Hospital Infection</i> , 2005, 59, 365-368.	1.4	100
23	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, 81-87.	1.3	92
24	Intermittent bolus dosing of ceftazidime in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1997, 40, 269-273.	1.3	86
25	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.	2.9	85
26	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, 929-937.	1.3	80
27	Association between augmented renal clearance and clinical outcomes in patients receiving \hat{I}^2 -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.	1.1	80
28	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, 1004-1013.	3.9	72
29	Late-Stage Adult Respiratory Distress Syndrome Caused by Severe Acute Respiratory Syndrome: Abnormal Findings at Thin-Section CT. <i>Radiology</i> , 2004, 230, 339-346.	3.6	70
30	The critically ill avian influenza A (H5N1) patient*. <i>Critical Care Medicine</i> , 2007, 35, 1397-1403.	0.4	69
31	Adsorption of Amikacin, a Significant Mechanism of Elimination by Hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1009-1013.	1.4	64
32	Principles of Antibacterial Dosing in Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2010, 30, 195-212.	0.9	64
33	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, 187-192.	1.1	62
34	Comparison of intrathoracic and intra-abdominal measurements of central venous pressure. <i>Lancet</i> , The, 1996, 347, 1155-1157.	6.3	61
35	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, 1575-1583.	3.9	59
36	Structure, Organization, and Delivery of Critical Care in Asian ICUs*. <i>Critical Care Medicine</i> , 2016, 44, e940-e948.	0.4	55

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37	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, 72-77.	0.4	55
38	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, 113-116.	0.4	54
39	Validation of the multiple organ dysfunction (MOD) score in critically ill medical and surgical patients. <i>Intensive Care Medicine</i> , 2003, 29, 2216-2222.	3.9	51
40	Attitudes towards ethical problems in critical care medicine: the Chinese perspective. <i>Intensive Care Medicine</i> , 2011, 37, 655-664.	3.9	50
41	InFACT: a global critical care research response to H1N1. <i>Lancet, The</i> , 2010, 375, 11-13.	6.3	49
42	Gastric tonometry and prediction of outcome in the critically ill#Arterial to intramucosal pH gradient and carbon dioxide gradient. <i>Anaesthesia</i> , 1997, 52, 619-623.	1.8	48
43	Avian influenza (H5N1): implications for intensive care. <i>Intensive Care Medicine</i> , 2006, 32, 823-9.	3.9	45
44	Outcome of Patients Receiving High Dose Vasopressor Therapy: A Retrospective Cohort Study. <i>Anaesthesia and Intensive Care</i> , 2009, 37, 286-289.	0.2	45
45	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> , 2004, 24, 468-472.	1.1	44
46	International standards for programmes of training in intensive care medicine in Europe. <i>Intensive Care Medicine</i> , 2011, 37, 385-393.	3.9	44
47	Surgical Helmets and SARS Infection. <i>Emerging Infectious Diseases</i> , 2004, 10, 277-279.	2.0	43
48	Predictive value of the user seal check in determining half-face respirator fit. <i>Journal of Hospital Infection</i> , 2005, 59, 152-155.	1.4	39
49	Transmission of SARS to healthcare workers. The experience of aHong Kong ICU. <i>Intensive Care Medicine</i> , 2006, 32, 564-569.	3.9	39
50	A Randomized Controlled Trial of Adaptive Support Ventilation Mode to Wean Patients after Fast-track Cardiac Valvular Surgery. <i>Anesthesiology</i> , 2015, 122, 832-840.	1.3	39
51	Failure of the INVOS 3100 cerebral oximeter to detect complete absence of cerebral blood flow. <i>Critical Care Medicine</i> , 1997, 25, 1252-1254.	0.4	37
52	Changes in Medical Students's Attitudes Towards End-of-Life Decisions Across Different Years of Medical Training. <i>Journal of General Internal Medicine</i> , 2008, 23, 1608-1614.	1.3	33
53	Effect of drug concentration on adsorption of levofloxacin by polyacrylonitrile haemofilters. <i>International Journal of Antimicrobial Agents</i> , 2006, 28, 147-150.	1.1	32
54	The Adsorption of Vancomycin by Polyacrylonitrile, Polyamide, and Polysulfone Hemofilters. <i>Artificial Organs</i> , 2007, 32, 070802063815001-???	1.0	32

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55	Severity assessment tools in ICU patients with 2009 Influenza A (H1N1) pneumonia. <i>Clinical Microbiology and Infection</i> , 2012, 18, 1040-1048.	2.8	31
56	Critical care in the developing world - a challenge for us all. <i>Critical Care</i> , 2010, 14, 131.	2.5	29
57	Resource-Poor Settings: Infrastructure and Capacity Building. <i>Chest</i> , 2014, 146, e156S-e167S.	0.4	29
58	The effect of adsorption, filter material and point of dilution on antibiotic elimination by haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2004, 24, 468-472.	1.1	28
59	Protecting staff against airborne viral particles: in vivo efficiency of laser masks. <i>Journal of Hospital Infection</i> , 2006, 64, 278-281.	1.4	28
60	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.	1.7	28
61	Advances in critical care management of patients undergoing cardiac surgery. <i>Intensive Care Medicine</i> , 2018, 44, 799-810.	3.9	26
62	Exploring the scope of communication content of mechanically ventilated patients. <i>Journal of Critical Care</i> , 2018, 44, 136-141.	1.0	26
63	Gastric intramucosal pH and blood lactate in severe sepsis. <i>Anaesthesia</i> , 1997, 52, 726-732.	1.8	24
64	Pharmacodynamic profiling of intravenous antibiotics against prevalent Gram-negative organisms across the globe: the PASSPORT Program in Asia-Pacific Region. <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 225-229.	1.1	23
65	A systematic review of short courses for nonspecialist education in intensive care. <i>Journal of Critical Care</i> , 2011, 26, 533.e1-533.e10.	1.0	23
66	Fast-Track Failure After Cardiac Surgery. <i>Critical Care Medicine</i> , 2013, 41, 1205-1213.	0.4	23
67	<i>In Vitro</i> Adsorption of Gentamicin and Netilmicin by Polyacrylonitrile and Polyamide Hemofiltration Filters. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 963-965.	1.4	22
68	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.	2.5	21
69	Epidemiology, Management, and Outcomes of Sepsis in ICUs among Countries of Differing National Wealth across Asia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1107-1116.	2.5	21
70	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.	1.8	20
71	Is inhaled prophylactic heparin useful for prevention and Management of Pneumonia in ventilated ICU patients?. <i>Journal of Critical Care</i> , 2016, 34, 95-102.	1.0	19
72	Critical care resource allocation: trying to PREEDICCT outcomes without a crystal ball. <i>Critical Care</i> , 2013, 17, 107.	2.5	18

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73	A Comparison of the Hamamatsu NIRO 500 and the INVOS 3100 Near-Infrared Spectrophotometers. <i>Anaesthesia and Intensive Care</i> , 1998, 26, 548-557.	0.2	16
74	Teaching acute care: A course for undergraduates. <i>Resuscitation</i> , 2007, 74, 142-149.	1.3	16
75	What is the benefit in triage?*. <i>Critical Care Medicine</i> , 2011, 39, 911-912.	0.4	16
76	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.	0.8	16
77	Pandemic preparedness. <i>Current Opinion in Critical Care</i> , 2007, 13, 742-747.	1.6	15
78	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, 23-25.	1.4	15
79	Effect of Preexposure to Aminoglycosides on <i>In Vitro</i> Adsorption of Amikacin by Polyacrylonitrile Hemofilters. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3641-3642.	1.4	15
80	Low-Dose Heparin for Severe Sepsis. <i>New England Journal of Medicine</i> , 2003, 348, 1185-1186.	13.9	14
81	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-e005330.	0.8	13
82	Performance of an oxygen delivery device for weaning potentially infectious critically ill patients*. <i>Anaesthesia</i> , 2004, 59, 710-714.	1.8	12
83	Resource-Poor Settings: Response, Recovery, and Research. <i>Chest</i> , 2014, 146, e168S-e177S.	0.4	12
84	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.	1.3	12
85	A randomized controlled trial of 2 protocols for weaning cardiac surgical patients receiving adaptive support ventilation. <i>Journal of Critical Care</i> , 2016, 33, 163-168.	1.0	10
86	White paper: statement on conflicts of interest. <i>Intensive Care Medicine</i> , 2018, 44, 1657-1668.	3.9	10
87	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.	2.1	10
88	The story of critical care in Asia: a narrative review. <i>Journal of Intensive Care</i> , 2021, 9, 60.	1.3	10
89	An in vitro study of the elimination of oseltamivir carboxylate by haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 95-97.	1.1	9
90	Delayed upper airway obstructionâ€”A life-threatening complication of Dettolâ€”poisoning. <i>Anaesthesia</i> , 1997, 52, 261-263.	1.8	7

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91	A Hong Kong family with respiratory illness. <i>Lancet, The</i> , 2003, 362, 38.	6.3	7
92	The Dangers of Trying to Make Ends Meet: Accidental Intravenous Administration of Enteral Feed. <i>Anaesthesia and Intensive Care</i> , 2003, 31, 324-327.	0.2	7
93	Middle East respiratory syndrome: new disease, old lessons. <i>Lancet, The</i> , 2013, 381, 2229-2230.	6.3	7
94	In-vitro adsorption and sieving coefficient of ticarcillin-clavulanate during continuous haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 261-264.	1.1	7
95	Near-Infrared Spectroscopy and Cerebral Hemodynamics. <i>Critical Care Medicine</i> , 1996, 24, 1423.	0.4	7
96	Australasian Resuscitation In Sepsis Evaluation trial statistical analysis plan. <i>EMA - Emergency Medicine Australasia</i> , 2013, 25, n/a-n/a.	0.5	6
97	Middle East respiratory syndrome. <i>Intensive Care Medicine</i> , 2014, 40, 1015-1017.	3.9	6
98	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1352-1359.	1.5	6
99	Upper airway obstruction caused by acquired inhibitor to factor VIII. <i>Anaesthesia</i> , 1996, 51, 689-691.	1.8	5
100	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, 1043-1051.	0.2	4
101	Potential Aerosol Generation by Bronchoscopy And Intubation. <i>Chest</i> , 2020, 158, 2251-2252.	0.4	4
102	Overdose of methyl dopa, indapamide and theophylline resulting in prolonged hypotension, marked diuresis and hypokalaemia in an elderly patient. <i>Pharmacoepidemiology and Drug Safety</i> , 2009, 18, 977-979.	0.9	3
103	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, 782-784.	1.1	3
104	Effect of Cisapride on Gastric Emptying. <i>Critical Care Medicine</i> , 1998, 26, 188-189.	0.4	3
105	Electronic interactive learning to supplement acute care teaching. <i>Medical Education</i> , 2010, 44, 526-526.	1.1	2
106	Erratum to "oels 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> 34 (2016) 95-102. <i>Journal of Critical Care</i> , 2016, 35, 230.	1.0	2
107	Epinephrine Impairs Splanchnic Perfusion in Septic Shock. <i>Critical Care Medicine</i> , 1998, 26, 620.	0.4	2
108	Survival of mechanically ventilated ward patients and association with organisational factors: a multicentre prospective study. <i>BMJ Open</i> , 2021, 11, e052462.	0.8	2

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109	Is "More" always "Better"? Moving towards Optimal Utilization of High Dependency Intensive Care Beds by Selecting the Right Patients for Admission. <i>Anaesthesia and Intensive Care</i> , 2006, 34, 423-425.	0.2	1
110	Performance of a new oxygen delivery device for potentially infectious critically ill patients. <i>Anaesthesia</i> , 2013, 68, 1038-1044.	1.8	1
111	Intensive care unit triage. , 0, , 77-84.		1
112	Gastric tonometry. <i>British Journal of Anaesthesia</i> , 1995, 75, 507-508.	1.5	0
113	Gastric tonometry. <i>Anaesthesia</i> , 1996, 51, 1074-1074.	1.8	0
114	Predictive Value of Pco2 Gap in Infants. <i>Chest</i> , 1998, 113, 561.	0.4	0
115	Treatment of oxygeninduced hypercapnia. <i>Lancet, The</i> , 2001, 357, 883.	6.3	0
116	Reply to Soman et al. <i>Clinical Infectious Diseases</i> , 2013, 57, 323-324.	2.9	0
117	Adaptive support ventilation of cardiac surgical patients: A component of a complex intervention. <i>Journal of Critical Care</i> , 2017, 37, 251.	1.0	0
118	Intramucosal pH Titrated Therapy: Jumping to Conclusions?. <i>Critical Care Medicine</i> , 2001, 29, 461-463.	0.4	0
119	Tissue Capnometry. <i>Critical Care Medicine</i> , 2001, 29, 460.	0.4	0
120	Changes of Methodology in Clinical Trials of Sepsis Over Time. <i>Critical Care Medicine</i> , 2003, 31, 336.	0.4	0
121	The Clinical Management of SARS. , 2004, , 144-158.		0