Christopher James Doig

List of Publications by Year in descending order

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142 papers 12,089 citations

41344 49 h-index 26613 107 g-index

147 all docs

147 docs citations

times ranked

147

12508 citing authors

#	Article	IF	CITATIONS
1	Platelet TLR4 activates neutrophil extracellular traps to ensnare bacteria in septic blood. Nature Medicine, 2007, 13, 463-469.	30.7	1,928
2	A Randomized, Controlled Trial of the Use of Pulmonary-Artery Catheters in High-Risk Surgical Patients. New England Journal of Medicine, 2003, 348, 5-14.	27.0	1,455
3	Efficacy and Safety of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor) in Severe Sepsis. JAMA - Journal of the American Medical Association, 2003, 290, 238.	7.4	843
4	Prognosis for long-term survival and renal recovery in critically ill patients with severe acute renal failure: a population-based study. Critical Care, 2005, 9, R700.	5.8	522
5	Efficacy and safety of the monoclonal anti-tumor necrosis factor antibody F(ab′)2 fragment afelimomab in patients with severe sepsis and elevated interleukin-6 levels*. Critical Care Medicine, 2004, 32, 2173-2182.	0.9	373
6	Drotrecogin alfa (activated) treatment in severe sepsis from the global open-label trial ENHANCE: Further evidence for survival and safety and implications for early treatment*. Critical Care Medicine, 2005, 33, 2266-2277.	0.9	368
7	Non-neurologic organ dysfunction in severe traumatic brain injury*. Critical Care Medicine, 2005, 33, 654-660.	0.9	289
8	An Economic Evaluation of Activated Protein C Treatment for Severe Sepsis. New England Journal of Medicine, 2002, 347, 993-1000.	27.0	246
9	Cost of acute renal failure requiring dialysis in the intensive care unit: Clinical and resource implications of renal recovery*. Critical Care Medicine, 2003, 31, 449-455.	0.9	234
10	An Aggressive Surgical Approach Leads to Improved Survival in Patients With Gallbladder Cancer. Annals of Surgery, 2005, 241, 385-394.	4.2	220
11	Severe bloodstream infections: A population-based assessment*. Critical Care Medicine, 2004, 32, 992-997.	0.9	193
12	Intensive Care Unit Bed Availability and Outcomes for Hospitalized Patients With Sudden Clinical Deterioration. Archives of Internal Medicine, 2012, 172, 467.	3.8	178
13	Incidence and risk factors for acquiring nosocomial urinary tract infection in the critically ill. Journal of Critical Care, 2002, 17, 50-57.	2.2	139
14	Validity of administrative data in recording sepsis: a systematic review. Critical Care, 2015, 19, 139.	5.8	139
15	Functional α4-integrin: A newly identified pathway of neutrophil recruitment in critically ill septic patients. Nature Medicine, 2001, 7, 465-470.	30.7	132
16	One-Year Mortality in Critically Ill Patients by Severity of Kidney Dysfunction: A Population-Based Assessment. American Journal of Kidney Diseases, 2006, 48, 402-409.	1.9	125
17	Compassion fatigue in healthcare providers: A systematic review and meta-analysis. Nursing Ethics, 2020, 27, 639-665.	3.4	125
18	A systematic evaluation of the quality of meta-analyses in the critical care literature. Critical Care, 2005, 9, R575.	5.8	122

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19	The quality of reports of critical care meta-analyses in the Cochrane Database of Systematic Reviews: An independent appraisal*. Critical Care Medicine, 2007, 35, 589-594.	0.9	122
20	Outcomes of Elderly Survivors of Intensive Care. Chest, 2005, 127, 1764-1774.	0.8	118
21	Evaluating Meta-analyses in the General Surgical Literature. Annals of Surgery, 2005, 241, 450-459.	4.2	115
22	Implementation of a Nutrition Support Protocol Increases the Proportion of Mechanically Ventilated Patients Reaching Enteral Nutrition Targets in the Adult Intensive Care Unit. Journal of Parenteral and Enteral Nutrition, 2005, 29, 74-80.	2.6	111
23	Ventilator-Associated Pneumonia in Severe Traumatic Brain Injury. Neurocritical Care, 2006, 5, 108-114.	2.4	111
24	Targeting inflammatory monocytes in sepsis-associated encephalopathy and long-term cognitive impairment. JCI Insight, $2018,3,.$	5.0	111
25	Population-based assessment of intensive care unit-acquired bloodstream infections in adults: Incidence, risk factors, and associated mortality rate. Critical Care Medicine, 2002, 30, 2462-2467.	0.9	109
26	Risk Factors Associated with Patency Loss of Hemodialysis Vascular Access within 6 Months. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1787-1792.	4.5	106
27	Recombinant Tissue Factor Pathway Inhibitor in Severe Community-acquired Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1561-1568.	5.6	104
28	Validation and optimisation of an ICD-10-coded case definition for sepsis using administrative health data. BMJ Open, 2015, 5, e009487.	1.9	104
29	Duodenal Versus Gastric Feeding in Ventilated Blunt Trauma Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 46, 992-998.	2.4	101
30	One-year mortality of bloodstream infection-associated sepsis and septic shock among patients presenting to a regional critical care system. Intensive Care Medicine, 2005, 31, 213-219.	8.2	92
31	Metabolic Profiling of Serum Samples by 1H Nuclear Magnetic Resonance Spectroscopy as a Potential Diagnostic Approach for Septic Shock*. Critical Care Medicine, 2014, 42, 1140-1149.	0.9	91
32	Medical management to optimize donor organ potential: review of the literature. Canadian Journal of Anaesthesia, 2006, 53, 820-830.	1.6	89
33	Secondary EMR data for quality improvement and research: A comparison of manual and electronic data collection from an integrated critical care electronic medical record system. Journal of Critical Care, 2018, 47, 295-301.	2.2	87
34	Active Negative Pressure Peritoneal Therapy After Abbreviated Laparotomy. Annals of Surgery, 2015, 262, 38-46.	4.2	85
35	A comparison between the APACHE II and Charlson Index Score for predicting hospital mortality in critically ill patients. BMC Health Services Research, 2009, 9, 129.	2.2	83
36	Integration of metabolic and inflammatory mediator profiles as a potential prognostic approach for septic shock in the intensive care unit. Critical Care, 2015, 19, 11.	5.8	79

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37	Prospective Evaluation of Computed Tomographic Scanning for the Spinal Clearance of Obtunded Trauma Patients: Preliminary Results. Journal of Trauma, 2004, 56, 1179-1184.	2.3	78
38	Sequential Organ Failure Assessment in H1N1 pandemic planning*. Critical Care Medicine, 2011, 39, 827-832.	0.9	77
39	Epidemiology, Mechanical Power, and 3-Year Outcomes in Acute Respiratory Distress Syndrome Patients Using Standardized Screening. An Observational Cohort Study. Annals of the American Thoracic Society, 2019, 16, 1263-1272.	3.2	77
40	Emergency Medical Services Response Time and Mortality in an Urban Setting. Prehospital Emergency Care, 2012, 16, 142-151.	1.8	74
41	Dialysis Disequilibrium Syndrome: Brain death following hemodialysis for metabolic acidosis and acute renal failure $\hat{a} \in A$ case report. BMC Nephrology, 2004, 5, 9.	1.8	73
42	Detailed cost analysis of care for survivors of severe sepsis. Critical Care Medicine, 2004, 32, 981-985.	0.9	63
43	Targeting Adhesion Molecules as a Potential Mechanism of Action for Intravenous Immunoglobulin. Circulation, 2005, 112, 2031-2039.	1.6	63
44	Closed Or Open after Source Control Laparotomy for Severe Complicated Intra-Abdominal Sepsis (the) Tj ETQq0 2018, 13, 26.	0 0 rgBT / 5.0	Overlock 10 1 61
45	SOFA is superior to MOD score for the determination of non-neurologic organ dysfunction in patients with severe traumatic brain injury: a cohort study. Critical Care, 2006, 10, R115.	5 . 8	57
46	Neuroanesthesia and Intensive Care Limited ability of SOFA and MOD scores to discriminate outcome: a prospective evaluation in 1,436 patients. Canadian Journal of Anaesthesia, 2005, 52, 302-308.	1.6	55
47	Severe Traumatic Brain Injury in a Large Canadian Health Region. Canadian Journal of Neurological Sciences, 2005, 32, 87-92.	0.5	52
48	Cost-effectiveness of Dalteparin vs Unfractionated Heparin for the Prevention of Venous Thromboembolism in Critically III Patients. JAMA - Journal of the American Medical Association, 2014, 312, 2135.	7.4	50
49	Association between the Cerebral Inflammatory and Matrix Metalloproteinase Responses after Severe Traumatic Brain Injury in Humans. Journal of Neurotrauma, 2013, 30, 1727-1736.	3.4	48
50	Retrieving organs from non-heart-beating organ donors: a review of medical and ethical issues. Canadian Journal of Anaesthesia, 2003, 50, 1069-1076.	1.6	45
51	Restricted visitation policies in acute care settings during the COVID-19 pandemic: a scoping review. Critical Care, 2021, 25, 347.	5.8	45
52	Sepsis-Associated Mortality, Resource Use, and Healthcare Costs: A Propensity-Matched Cohort Study*. Critical Care Medicine, 2021, 49, 215-227.	0.9	45
53	Long-Term Outcomes in ICU Patients with Delirium: A Population-based Cohort Study. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 412-420.	5.6	44
54	Non-neurological organ dysfunction in neurocritical care. Journal of Critical Care, 2003, 18, 238-244.	2.2	43

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55	Variability in hospital-based brain death guidelines in Canada. Canadian Journal of Anaesthesia, 2006, 53, 613-619.	1.6	42
56	Brief review: History, concept and controversies in the neurological determination of death. Canadian Journal of Anaesthesia, 2006, 53, 602-608.	1.6	41
57	Describing organ dysfunction in the intensive care unit: a cohort study of 20,000 patients. Critical Care, 2019, 23, 186.	5.8	38
58	Decompressive Craniectomy in Patients with Traumatic Brain Injury: Are the Usual Indications Congruent with Those Evaluated in Clinical Trials?. Neurocritical Care, 2016, 25, 10-19.	2.4	37
59	Study of clinical course of organ dysfunction in intensive care. Critical Care Medicine, 2004, 32, 384-390.	0.9	35
60	Incidence of neurologic death among patients with brain injury: a cohort study in a Canadian health region. Cmaj, 2013, 185, E838-E845.	2.0	34
61	Assessment of sleep quality post-hospital discharge in survivors of critical illness. Respiratory Medicine, 2016, 114, 97-102.	2.9	34
62	Getting the invite list right: a discussion of sepsis severity scoring systems in severe complicated intra-abdominal sepsis and randomized trial inclusion criteria. World Journal of Emergency Surgery, 2018, 13, 17.	5.0	34
63	The prognostic value of serum procalcitonin measurements in critically injured patients: a systematic review. Critical Care, 2019, 23, 390.	5.8	34
64	A Prospective Evaluation of the Temporal Matrix Metalloproteinase Response after Severe Traumatic Brain Injury in Humans. Journal of Neurotrauma, 2013, 30, 1717-1726.	3.4	33
65	Efficacy and safety of active negative pressure peritoneal therapy for reducing the systemic inflammatory response after damage control laparotomy (the Intra-peritoneal Vacuum Trial): study protocol for a randomized controlled trial. Trials, 2013, 14, 141.	1.6	32
66	A validation of ground ambulance pre-hospital times modeled using geographic information systems. International Journal of Health Geographics, 2012, 11, 42.	2.5	30
67	Stakeholder Engagement to Identify Priorities for Improving the Quality and Value of Critical Care. PLoS ONE, 2015, 10, e0140141.	2.5	30
68	Assessment and predictors of physical functioning post-hospital discharge in survivors of critical illness. Annals of Intensive Care, 2016, 6, 92.	4.6	28
69	Tertiary Abdominal Compartment Syndrome in the Burn Injured Patient. Journal of Trauma, 2006, 61, 1271-1273.	2.3	27
70	Brain death: resolving inconsistencies in the ethical declaration of death. Canadian Journal of Anaesthesia, 2003, 50, 725-731.	1.6	25
71	Benchmarking performance in organ donation programs: Dependence on demographics and mortality rates. Canadian Journal of Anaesthesia, 2006, 53, 727-731.	1.6	25
72	Community paramedic point of care testing: validity and usability of two commercially available devices. BMC Emergency Medicine, 2019, 19, 30.	1.9	25

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73	A multicentre controlled pre–post trial of an implementation science intervention to improve venous thromboembolism prophylaxis in critically ill patients. Intensive Care Medicine, 2019, 45, 211-222.	8.2	24
74	Critical Care Organizations: Building and Integrating Academic Programs. Critical Care Medicine, 2018, 46, e334-e341.	0.9	23
75	Engaging the Public to Identify Opportunities to Improve Critical Care: A Qualitative Analysis of an Open Community Forum. PLoS ONE, 2015, 10, e0143088.	2.5	23
76	(Uncontrolled) Donation after Cardiac Determination of Death: A Note of Caution. Journal of Law, Medicine and Ethics, 2008, 36, 760-765.	0.9	21
77	From Communication Skills to Skillful Communication: A Longitudinal Integrated Curriculum for Critical Care Medicine Fellows. Academic Medicine, 2017, 92, 501-505.	1.6	20
78	Is the Canadian health care system ready for donation after cardiac death? A note of caution. Cmaj, 2006, 175, 905-905.	2.0	19
79	Assessing the association between occupancy and outcome in critically III hospitalized patients with sepsis. BMC Emergency Medicine, 2015, 15, 31.	1.9	19
80	Hemispheric activation differences in novice and expert clinicians during clinical decision making. Advances in Health Sciences Education, 2016, 21, 921-933.	3.3	19
81	Outcomes of selective nonoperative management of civilian abdominal gunshot wounds: a systematic review and meta-analysis. World Journal of Emergency Surgery, 2018, 13, 55.	5.0	19
82	The Effects of Examiner Background, Station Organization, and Time of Exam on OSCE Scores Assessing Undergraduate Medical Students' Physical Examination Skills. Academic Medicine, 2000, 75, S96-S98.	1.6	18
83	Time trends in organ donation after neurologic determination of death: a cohort study. CMAJ Open, 2017, 5, E19-E27.	2.4	18
84	Organ utilization among deceased donors in Canada, 1993–2002. Canadian Journal of Anaesthesia, 2006, 53, 838-844.	1.6	16
85	Pro/con debate: In patients who are potential candidates for organ donation after cardiac death, starting medications and/or interventions for the sole purpose of making the organs more viable is an acceptable practice. Critical Care, 2007, 11, 211.	5.8	16
86	Mortality following liver resection in US medicare patients: Does the presence of a liver transplant program affect outcome?. Journal of Surgical Oncology, 2007, 95, 194-200.	1.7	16
87	Independent Prediction Factors for Primary Patency Loss in Arteriovenous Grafts within Six Months. Journal of Vascular Access, 2012, 13, 29-35.	0.9	16
88	Systematized Nomenclature of Medicine–Clinical Terms direction and its implications on critical care. Journal of Critical Care, 2010, 25, 364.e1-364.e9.	2.2	15
89	Ethical considerations in conducting surgical research in severe complicated intra-abdominal sepsis. World Journal of Emergency Surgery, 2019, 14, 39.	5.0	15
90	Mental Health Interventions to Improve Psychological Outcomes in Informal Caregivers of Critically Ill Patients: A Systematic Review and Meta-Analysis*. Critical Care Medicine, 2021, 49, 1414-1426.	0.9	15

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91	Standardized Management for Hypoxemic Respiratory Failure and ARDS. Chest, 2020, 158, 2358-2369.	0.8	14
92	Intravenous immunoglobulin for severe infections: a survey of Canadian specialists. Journal of Critical Care, 2004, 19, 75-81.	2.2	13
93	Ethics roundtable debate: patients and surrogates want 'everything done'what does 'everything' mean?. Critical Care, 2006, 10, 231.	5.8	13
94	Prevention of Hypoxemia During Apnea Testing: A Comparison of Oxygen Insufflation And Continuous Positive Airway Pressure. Neurocritical Care, 2017, 27, 60-67.	2.4	13
95	Adopting the pre-hospital index for interfacility helicopter transport: a proposal. Injury, 2003, 34, 3-11.	1.7	12
96	Parasternal Muscle Activity Decreases in Severe COPD With Salmeterol-Fluticasone Propionate. Chest, 2010, 137, 558-565.	0.8	12
97	Volume loading reduces pulmonary vascular resistance in ventilated animals with acute lung injury: evaluation of RV afterload. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R763-R770.	1.8	12
98	Derivation of a PIRO Score for Prediction of Mortality in Surgical Patients With Intra-Abdominal Sepsis. American Journal of Critical Care, 2018, 27, 287-294.	1.6	12
99	Baseline Characteristics and Survival of Adult Severe Sepsis Patients Treated With Drotrecogin Alfa		

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109	Potentiel des dons d'organes après décès au CanadaÂ: un compte rendu de décès consécutifs en Alb Canadian Journal of Anaesthesia, 2019, 66, 1347-1355.	erta.	7
110	Impact of Patient and Family Involvement in Long-Term Outcomes. Critical Care Nursing Clinics of North America, 2020, 32, 227-242.	0.8	7
111	Prolonged refractory status epilepticus following acute traumatic brain injury: a case report of excellent neurological recovery. Critical Care, 2005, 9, R725.	5.8	6
112	Effect of Critical Care Medicine Fellows on Patient Outcome in the Intensive Care Unit. Academic Medicine, 2006, 81, S1-S4.	1.6	6
113	Neurological Determination of Death Following Infratentorial Stroke: A Population-Based Cohort Study. Canadian Journal of Neurological Sciences, 2022, 49, 553-559.	0.5	6
114	Impact of restricted visitation policies in hospitals on patients, family members and healthcare providers during the COVID-19 pandemic: a scoping review protocol. BMJ Open, 2021, 11, e048227.	1.9	6
115	A Modified Delphi Process to Prioritize Experiences and Guidance Related to ICU Restricted Visitation Policies During the Coronavirus Disease 2019 Pandemic., 2021, 3, e0562.		6
116	Progress in Clinical Neurosciences: Therapeutic Hypothermia in Severe Traumatic Brain Injury. Canadian Journal of Neurological Sciences, 2003, 30, 307-313.	0.5	5
117	High-frequency oscillatory ventilation versus conventional ventilation: hemodynamic effects on lung and heart. Physiological Reports, 2014, 2, e00259.	1.7	5
118	An Axiological Analysis of One Medical School's Admissions Process: Exploring Individual Values and Value Systems. Academic Medicine, 2019, 94, 1229-1236.	1.6	5
119	Improving the adoption of optimal venous thromboembolism prophylaxis in critically ill patients: A process evaluation of a complex quality improvement initiative. Journal of Critical Care, 2019, 50, 111-117.	2.2	5
120	Psychiatric Outcomes in ICU Patients With Family Visitation. Chest, 2022, 162, 578-587.	0.8	5
121	Discontinuing life support in comatose patients: an example from Canadian case law. Cmaj, 2005, 172, 1172-1173.	2.0	4
122	Refractory Longitudinally Extensive Transverse Myelitis Responsive to Cyclophosphamide. Canadian Journal of Neurological Sciences, 2017, 44, 736-739.	0.5	4
123	Development and Content Validation of a Multidisciplinary Standardized Management Pathway for Hypoxemic Respiratory Failure and Acute Respiratory Distress Syndrome., 2021, 3, e0428.		4
124	Evidence-informed consensus statements to guide COVID-19 patient visitation policies: results from a national stakeholder meeting. Canadian Journal of Anaesthesia, 2022, 69, 868-879.	1.6	4
125	Delirium diagnosis without a gold standard: Evaluating diagnostic accuracy of combined delirium assessment tools. PLoS ONE, 2022, 17, e0267110.	2.5	4
126	The Model for End-Stage Liver Disease Accurately Predicts 90-Day Liver Transplant Wait-List Mortality in Atlantic Canada. Canadian Journal of Gastroenterology & Hepatology, 2011, 25, 359-364.	1.7	3

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127	A fatal case of pneumococcal sepsis years after splenectomy. Cmaj, 2017, 189, E800-E802.	2.0	3
128	Withholding and withdrawing life support: difficult decisions around care at the end of life. Canadian Journal of Anaesthesia, 2018, 65, 9-13.	1.6	3
129	Thrombotic thrombocytopenic purpura masquerading as a stroke in a young man. Cmaj, 2019, 191, E1306-E1309.	2.0	3
130	Is Canadian federal legislation effective in preventing youth access to vaping initiation products? A study using secret shoppers and online access in three Alberta cities. Preventive Medicine Reports, 2020, 19, 101117.	1.8	3
131	Pathology reviews in the research context: Future directions. Surgery, 2010, 147, 887-889.	1.9	2
132	Assisted Human Reproduction in Common Law Canada after the Supreme Court of Canada Reference: Moving beyond Regulation by Colleges of Physicians and Surgeons. Canadian Journal of Women and the Law = Revue Juridique La Femme Et Le Droit, 2013, 25, 315-339.	0.8	2
133	The epidemiology of severe sepsis syndrome and its treatment with recombinant human activated protein C. Expert Opinion on Pharmacotherapy, 2003, 4, 1789-1799.	1.8	1
134	An Analysis of a Cohort of Surgical-Related Intraabdominal Sepsis With PIRO. Chest, 2013, 144, 419A.	0.8	1
135	Exploratory Evaluation of the Relationship Between iNKT Cells and Systemic Cytokine Profiles of Critically III Patients with Neurological Injury. Neurocritical Care, 2021, , 1.	2.4	1
136	Canadian Association of General Surgeons position statement: recommendations for surgeons with blood-borne communicable diseases. Canadian Journal of Surgery, 2016, 59, 83-86.	1.2	1
137	Drotrecogin alfa (activated; Xigris $\hat{A}^{\text{@}}$): an effective and cost-efficient treatment for severe sepsis. Expert Review of Pharmacoeconomics and Outcomes Research, 2004, 4, 15-26.	1.4	O
138	Can Journals Help the Improvement of Meta-Analyses Quality in Plastic Surgery?. Annals of Surgery, 2006, 243, 289-290.	4.2	O
139	159 Emergency medical services response time and paediatric mortality and morbidity in the Urban setting. Injury Prevention, 2016, 22, A58.3-A59.	2.4	O
140	Severe Plasmodium falciparum malaria in a traveller returning from Mozambique. Jammi, 2017, 2, 97-101.	0.5	0
141	Left Ventricular Preload Determines Systolic Pressure Variation during Mechanical Ventilation in Acute Lung Injury. Journal of Clinical & Experimental Cardiology, 2011, 02, .	0.0	O
142	Scrupulous Monitoring of Physician-Assisted Dying: The Case for Mandatory Reporting to Coroners and Medical Examiners of All Physician-Assisted Deaths in Canada. Health Law in Canada, 2016, 36, 99-120.	0.0	0