

Alan J Forster

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

8,408
citations

109264

35
h-index

48277

88
g-index

137
all docs

137
docs citations

137
times ranked

10135
citing authors

#	ARTICLE	IF	CITATIONS
1	Home-based prehabilitation with exercise to improve postoperative recovery for older adults with frailty having cancer surgery: the PREHAB randomised clinical trial. <i>British Journal of Anaesthesia</i> , 2022, 129, 41-48.	1.5	31
2	Derivation and Internal Validation of a Model to Predict the Probability of Severe Acute Respiratory Syndrome Coronavirus-2 Infection in Community People. <i>Journal of General Internal Medicine</i> , 2021, 36, 162-169.	1.3	3
3	Long-term Health Outcomes and Health System Costs Associated With Surgical Site Infections. <i>Annals of Surgery</i> , 2021, 273, 917-923.	2.1	11
4	Interdepartmental program to improve outcomes for acute heart failure patients seen in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 169-179.	0.5	0
5	Structure, processes, and initial outcomes of The Ottawa Hospital Multi-Specialist Limb Preservation Clinic and Programme : A unique Canada quality improvement initiative. <i>International Wound Journal</i> , 2021, , .	1.3	2
6	Adverse Events Among Emergency Department Patients With Cardiovascular Conditions: A Multicenter Study. <i>Annals of Emergency Medicine</i> , 2021, 77, 561-574.	0.3	2
7	Disability, pain, and wound-specific concerns self-reported by adults at risk of limb loss: A cross-sectional study using the World Health Organization Disability Assessment Schedule 2.0. <i>PLoS ONE</i> , 2021, 16, e0253288.	1.1	4
8	Predicting postoperative surgical site infection with administrative data: a random forests algorithm. <i>BMC Medical Research Methodology</i> , 2021, 21, 179.	1.4	11
9	Post-discharge after surgery Virtual Care with Remote Automated Monitoring-1 (PVC-RAM-1) technology versus standard care: randomised controlled trial. <i>BMJ, The</i> , 2021, 374, n2209.	3.0	24
10	Sepsis-Associated Mortality, Resource Use, and Healthcare Costs: A Propensity-Matched Cohort Study*. <i>Critical Care Medicine</i> , 2021, 49, 215-227.	0.4	45
11	Pragmatic, double-blind, randomised trial evaluating the impact of red blood cell donor sex on recipient mortality in an academic hospital population: the innovative Trial Assessing Donor Sex (iTADS) protocol. <i>BMJ Open</i> , 2021, 11, e049598.	0.8	3
12	Frailty as a Predictor of Death or New Disability After Surgery. <i>Annals of Surgery</i> , 2020, 271, 283-289.	2.1	131
13	Prospective Comparison of Preoperative Predictive Performance Between 3 Leading Frailty Instruments. <i>Anesthesia and Analgesia</i> , 2020, 131, 263-272.	1.1	34
14	Association between neuraxial anaesthesia or general anaesthesia for lower limb revascularisation surgery in adults and clinical outcomes: population based comparative effectiveness study. <i>BMJ, The</i> , 2020, 371, m4104.	3.0	24
15	Frailty and long-term postoperative disability trajectories: a prospective multicentre cohort study. <i>British Journal of Anaesthesia</i> , 2020, 125, 704-711.	1.5	36
16	Development and evaluation of a quality improvement framework for healthcare. <i>International Journal for Quality in Health Care</i> , 2020, 32, 456-463.	0.9	11
17	Evaluation of a preoperative personalized risk communication tool: a prospective before-and-after study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1749-1760.	0.7	16
18	Economic Analysis of Exclusive Human Milk Diets for High-Risk Neonates, a Canadian Hospital Perspective. <i>Breastfeeding Medicine</i> , 2020, 15, 377-386.	0.8	4

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19	Predicting the need for supportive services after discharged from hospital: a systematic review. BMC Health Services Research, 2020, 20, 161.	0.9	11
20	Adverse Events After Transition From ICU to Hospital Ward: A Multicenter Cohort Study*. Critical Care Medicine, 2020, 48, 946-953.	0.4	31
21	Study of a multisite prospective adverse event surveillance system. BMJ Quality and Safety, 2020, 29, 277-285.	1.8	19
22	Validation of new ICD-10-based patient safety indicators for identification of in-hospital complications in surgical patients: a study of diagnostic accuracy. BMJ Quality and Safety, 2020, 29, 209-216.	1.8	39
23	A commentary on the value of hospital data for covid-19 pandemic surveillance and planning. International Journal of Population Data Science, 2020, 5, 1393.	0.1	0
24	The MedSafer Study: A Controlled Trial of an Electronic Decision Support Tool for Deprescribing in Acute Care. Journal of the American Geriatrics Society, 2019, 67, 1843-1850.	1.3	49
25	Effect of an Electronic Medication Reconciliation Intervention on Adverse Drug Events. JAMA Network Open, 2019, 2, e1910756.	2.8	36
26	Developing a Strategy for the Improvement in Patient Experience in a Canadian Academic Department of Surgery. Journal of Patient Experience, 2019, 6, 11-20.	0.4	2
27	Creating a Just Culture: The Ottawa Hospital's experience. Healthcare Management Forum, 2019, 32, 266-271.	0.6	3
28	Multinational comparison of new antidepressant use in older adults: a cohort study. BMJ Open, 2019, 9, e027663.	0.8	28
29	Safe and effective person- and family-centered care practices during transitions from hospital to home: A web-based Delphi technique. PLoS ONE, 2019, 14, e0211024.	1.1	8
30	Trends in IVIG use at a tertiary care Canadian center and impact of provincial use mitigation strategies: 10-year retrospective study with interrupted time series analysis. Transfusion, 2019, 59, 1988-1996.	0.8	8
31	Comparison of outcomes and costs between adult diabetic ketoacidosis patients admitted to the ICU and step-down unit. Journal of Critical Care, 2019, 50, 257-261.	1.0	12
32	Hydroxyethyl starch (HES) utilization before and after a regulatory safety warning. Canadian Journal of Anaesthesia, 2019, 66, 113-114.	0.7	1
33	Potential harms associated with routine collection of patient sociodemographic information: A rapid review. Health Expectations, 2019, 22, 114-129.	1.1	8
34	The return of investment of hospital-based surgical quality improvement programs in reducing surgical site infection at a Canadian tertiary-care hospital. Infection Control and Hospital Epidemiology, 2019, 40, 125-132.	1.0	9
35	Implementation of a multimodal patient safety improvement program "SafetyLEAP" in intensive care units. International Journal of Health Care Quality Assurance, 2018, 31, 140-149.	0.2	7
36	Rates and predictive factors of return to the emergency department following an initial release by the emergency department for acute heart failure. Canadian Journal of Emergency Medicine, 2018, 20, 222-229.	0.5	4

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37	The feasibility of an interactive voice response system (IVRS) for monitoring patient safety after discharge from the ED. <i>Emergency Medicine Journal</i> , 2018, 35, 180-185.	0.4	2
38	Robotic surgery improves transfusion rate and perioperative outcomes using a broad implementation process and multiple surgeon learning curves. <i>Canadian Urological Association Journal</i> , 2018, 13, 184-189.	0.3	8
39	Clinical validation of a risk scale for serious outcomes among patients with chronic obstructive pulmonary disease managed in the emergency department. <i>Cmaj</i> , 2018, 190, E1406-E1413.	0.9	15
40	PREHAB study: a protocol for a prospective randomised clinical trial of exercise therapy for people living with frailty having cancer surgery. <i>BMJ Open</i> , 2018, 8, e022057.	0.8	38
41	A pre and post intervention study to reduce unnecessary urinary catheter use on general internal medicine wards of a large academic health science center. <i>BMC Health Services Research</i> , 2018, 18, 642.	0.9	12
42	On-line doctors: A disruptive innovation?. <i>Healthcare Management Forum</i> , 2018, 31, 160-162.	0.6	3
43	Acceptability of a Mobile Clinical Decision Tool Among Emergency Department Clinicians: Development and Evaluation of The Ottawa Rules App. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10263.	1.8	12
44	Risk of exposure to blood products during pregnancy: guidance for Zika and other donor deferral policies. <i>Transfusion</i> , 2017, 57, 811-815.	0.8	8
45	The HOMR-Now! Model Accurately Predicts 1-Year Death Risk for Hospitalized Patients on Admission. <i>American Journal of Medicine</i> , 2017, 130, 991.e9-991.e16.	0.6	16
46	Prospective and Explicit Clinical Validation of the Ottawa Heart Failure Risk Scale, With and Without Use of Quantitative Δ proBNP. <i>Academic Emergency Medicine</i> , 2017, 24, 316-327.	0.8	40
47	Physician performance feedback in a Canadian academic center. <i>Leadership in Health Services</i> , 2017, 30, 457-474.	0.5	2
48	A randomised controlled trial assessing the efficacy of an electronic discharge communication tool for preventing death or hospital readmission. <i>BMJ Quality and Safety</i> , 2017, 26, 993-1003.	1.8	14
49	A multi-center prospective cohort study of patient transfers from the intensive care unit to the hospital ward. <i>Intensive Care Medicine</i> , 2017, 43, 1485-1494.	3.9	50
50	The prevalence of potentially preventable deaths in an acute care hospital. <i>Medicine (United States)</i> , 2017, 96, e6162.	0.4	13
51	Association of delay of urgent or emergency surgery with mortality and use of health care resources: a propensity score-matched observational cohort study. <i>Cmaj</i> , 2017, 189, E905-E912.	0.9	100
52	Risk assessment tools to predict location of discharge and need for supportive services for medical patients after discharge from hospital: a systematic review protocol. <i>Systematic Reviews</i> , 2017, 6, 8.	2.5	4
53	Risks and trends of red blood cell transfusion in obstetric patients: a retrospective study of 45,213 deliveries using administrative data. <i>Transfusion</i> , 2017, 57, 2197-2205.	0.8	15
54	An environmental scan of quality indicators in critical care. <i>CMAJ Open</i> , 2017, 5, E488-E495.	1.1	11

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55	A World Health Organization field trial assessing a proposed ICD-11 framework for classifying patient safety events. <i>International Journal for Quality in Health Care</i> , 2017, 29, 548-556.	0.9	12
56	Factors contributing to high-cost hospital care for patients with COPD. <i>International Journal of COPD</i> , 2017, Volume 12, 989-995.	0.9	32
57	Clinical factors contributing to high cost hospitalizations in a Canadian tertiary care centre. <i>BMC Health Services Research</i> , 2017, 17, 777.	0.9	12
58	Using structured incentives to increase value for money in an academic health sciences centre. <i>Healthcare Management Forum</i> , 2017, 30, 187-189.	0.6	3
59	Time is of the essence: an observational time-motion study of internal medicine residents while they are on duty. <i>Canadian Medical Education Journal</i> , 2017, 8, e49-e70.	0.3	1
60	A framework to assess patient-reported adverse outcomes arising during hospitalization. <i>BMC Health Services Research</i> , 2016, 16, 357.	0.9	14
61	Variations in Resource Intensity and Cost Among High Users of the Emergency Department. <i>Academic Emergency Medicine</i> , 2016, 23, 722-730.	0.8	6
62	Association of Blood Donor Age and Sex With Recipient Survival After Red Blood Cell Transfusion. <i>JAMA Internal Medicine</i> , 2016, 176, 1307.	2.6	109
63	Comparative assessment of two frailty instruments for risk-stratification in elderly surgical patients: study protocol for a prospective cohort study. <i>BMC Anesthesiology</i> , 2016, 16, 111.	0.7	16
64	Adverse Events and Falls. , 2016, , 75-89.		0
65	Comparing physical assessment with administrative data for detecting pressure ulcers in a large Canadian academic health sciences centre. <i>BMJ Open</i> , 2016, 6, e012490.	0.8	7
66	Clinical characteristics and preventable acute care spending among a high cost inpatient population. <i>BMC Health Services Research</i> , 2016, 16, 165.	0.9	25
67	Enhanced capture of healthcare-related harms and injuries in the 11th revision of the International Classification of Diseases (ICD-11). <i>International Journal for Quality in Health Care</i> , 2016, 28, 136-142.	0.9	19
68	From Cues to Nudge: A Knowledge-Based Framework for Surveillance of Healthcare-Associated Infections. <i>Journal of Medical Systems</i> , 2016, 40, 23.	2.2	18
69	Effectiveness and Safety of Short-stay Units in the Emergency Department: A Systematic Review. <i>Academic Emergency Medicine</i> , 2015, 22, 893-907.	0.8	51
70	Time-motion studies of internal medicine residents' duty hours: a systematic review and meta-analysis. <i>Advances in Medical Education and Practice</i> , 2015, 6, 621.	0.7	14
71	Patterns of health care use in a high-cost inpatient population in Ottawa, Ontario: a retrospective observational study. <i>CMAJ Open</i> , 2015, 3, E111-E118.	1.1	54
72	Prospective cohort study protocol to describe the transfer of patients from intensive care units to hospital wards. <i>BMJ Open</i> , 2015, 5, e007913.	0.8	11

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73	Intracranial Bleeds after Minor and Minimal Head Injury in Patients on Warfarin. <i>Journal of Emergency Medicine</i> , 2015, 48, 137-142.	0.3	23
74	How do emergency physicians make discharge decisions?. <i>Emergency Medicine Journal</i> , 2015, 32, 9-14.	0.4	21
75	Epidemiology and outcomes of bloodstream infections in patients discharged from the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 27-37.	0.5	7
76	Effectiveness of a computerized drug-monitoring program to detect and prevent adverse drug events and medication non-adherence in outpatient ambulatory care: study protocol of a randomized controlled trial. <i>Trials</i> , 2015, 16, 2.	0.7	14
77	Accuracy of using automated methods for detecting adverse events from electronic health record data: a research protocol. <i>Implementation Science</i> , 2015, 10, 5.	2.5	22
78	Transfusion Patterns in All Patients Admitted to the Intensive Care Unit and in Those Who Die in Hospital: A Descriptive Analysis. <i>PLoS ONE</i> , 2015, 10, e0138427.	1.1	10
79	The feasibility of e-learning as a quality improvement tool. <i>Journal of Evaluation in Clinical Practice</i> , 2014, 20, 606-610.	0.9	9
80	One- and five-year risk of death and cardiovascular complications for hospitalized patients with hyperglycemia without diagnosed diabetes: An observational study. <i>Journal of Hospital Medicine</i> , 2014, 9, 365-371.	0.7	12
81	Validation of international algorithms to identify adults with inflammatory bowel disease in health administrative data from Ontario, Canada. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 887-896.	2.4	157
82	Measuring Surgical Quality: Comparison of Postoperative Adverse Events with the American College of Surgeons NSQIP and the Thoracic Morbidity and Mortality Classification System. <i>Journal of the American College of Surgeons</i> , 2014, 218, 1024-1031.	0.2	36
83	Barriers and success factors to the implementation of a multi-site prospective adverse event surveillance system. <i>International Journal for Quality in Health Care</i> , 2014, 26, 418-425.	0.9	10
84	Implementation of a Screening Program to Detect Previously Undiagnosed Dysglycemia in Hospitalized Patients. <i>Canadian Journal of Diabetes</i> , 2014, 38, 79-84.	0.4	13
85	Patient-level factors associated with methicillin-resistant <i>Staphylococcus aureus</i> carriage at hospital admission: A systematic review. <i>American Journal of Infection Control</i> , 2013, 41, 214-220.	1.1	30
86	Usability of a computerised drug monitoring programme to detect adverse drug events and non-compliance in outpatient ambulatory care. <i>BMJ Quality and Safety</i> , 2013, 22, 306-316.	1.8	5
87	Using Information Technology to Improve the Monitoring of Outpatient Prescribing. <i>JAMA Internal Medicine</i> , 2013, 173, 382.	2.6	10
88	Improving patient safety through the systematic evaluation of patient outcomes. <i>Canadian Journal of Surgery</i> , 2012, 55, 418-425.	0.5	15
89	The effect of hospital-acquired infection with <i>Clostridium difficile</i> on length of stay in hospital. <i>Cmaj</i> , 2012, 184, 37-42.	0.9	77
90	A systematic review to evaluate the accuracy of electronic adverse drug event detection. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 31-38.	2.2	42

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91	HAIKU: A Semantic Framework for Surveillance of Healthcare-Associated Infections. <i>Procedia Computer Science</i> , 2012, 10, 1073-1079.	1.2	2
92	Reliability of the Peer-Review Process for Adverse Event Rating. <i>PLoS ONE</i> , 2012, 7, e41239.	1.1	18
93	The accuracy of using integrated electronic health care data to identify patients with undiagnosed diabetes mellitus. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 606-611.	0.9	18
94	The use of quality indicators to promote accountability in health care: the good, the bad, and the ugly. <i>Open Medicine</i> , 2012, 6, e75-9.	1.5	3
95	What is the value and impact of quality and safety teams? A scoping review. <i>Implementation Science</i> , 2011, 6, 97.	2.5	23
96	Proportion of hospital readmissions deemed avoidable: a systematic review. <i>Cmaj</i> , 2011, 183, E391-E402.	0.9	556
97	Using prospective clinical surveillance to identify adverse events in hospital. <i>BMJ Quality and Safety</i> , 2011, 20, 756-763.	1.8	43
98	Improving patient safety and physician accountability using the hospital credentialing process. <i>Open Medicine</i> , 2011, 5, e79-86.	1.5	2
99	The Ottawa Hospital Quality Incident Notification System for Capturing Adverse Events in Obstetrics. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2010, 32, 657-662.	0.3	18
100	The Effect of Hospital-Acquired <i>Clostridium difficile</i> Infection on In-Hospital Mortality. <i>Archives of Internal Medicine</i> , 2010, 170, 1804-10.	4.3	58
101	The Kaiser Permanente inpatient risk adjustment methodology was valid in an external patient population. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 798-803.	2.4	80
102	A prospective cohort study found that provider and information continuity was low after patient discharge from hospital. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 1000-1010.	2.4	43
103	Effect of an interactive voice response system on oral anticoagulant management. <i>Cmaj</i> , 2009, 180, 927-933.	0.9	24
104	Identifying Patients with Post-discharge Care Problems Using an Interactive Voice Response System. <i>Journal of General Internal Medicine</i> , 2009, 24, 520-525.	1.3	26
105	Using Medical Emergency Teams to detect preventable adverse events. <i>Critical Care</i> , 2009, 13, R126.	2.5	22
106	Goal-Driven Development of a Patient Surveillance Application for Improving Patient Safety. <i>Lecture Notes in Business Information Processing</i> , 2009, , 65-76.	0.8	6
107	Business process management with the user requirements notation. <i>Electronic Commerce Research</i> , 2009, 9, 269-316.	3.0	111
108	A Modification of the Elixhauser Comorbidity Measures Into a Point System for Hospital Death Using Administrative Data. <i>Medical Care</i> , 2009, 47, 626-633.	1.1	1,573

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109	The uptake of technologies designed to influence medication safety in Canadian hospitals. <i>Journal of Evaluation in Clinical Practice</i> , 2008, 14, 27-35.	0.9	8
110	The impact of adverse events in the intensive care unit on hospital mortality and length of stay. <i>BMC Health Services Research</i> , 2008, 8, 259.	0.9	73
111	Toward an Integrated User Requirements Notation Framework and Tool for Business Process Management. , 2008, , .		17
112	Automated patient assessments after outpatient surgery using an interactive voice response system. <i>American Journal of Managed Care</i> , 2008, 14, 429-36.	0.8	11
113	Frequency of adverse events in patients with poor anticoagulation: a meta-analysis. <i>Cmaj</i> , 2007, 176, 1589-1594.	0.9	115
114	Adverse events following an emergency department visit. <i>Quality and Safety in Health Care</i> , 2007, 16, 17-22.	2.5	85
115	Combining ratings from multiple physician reviewers helped to overcome the uncertainty associated with adverse event classification. <i>Journal of Clinical Epidemiology</i> , 2007, 60, 892-901.	2.4	26
116	Using an interactive voice response system to improve patient safety following hospital discharge. <i>Journal of Evaluation in Clinical Practice</i> , 2007, 13, 346-351.	0.9	23
117	Adverse Events Detected by Clinical Surveillance on an Obstetric Service. <i>Obstetrics and Gynecology</i> , 2006, 108, 1073-1083.	1.2	79
118	Can you prevent adverse drug events after hospital discharge?. <i>Cmaj</i> , 2006, 174, 921-922.	0.9	13
119	An Agenda for Reducing Emergency Department Crowding. <i>Annals of Emergency Medicine</i> , 2005, 45, 479-481.	0.3	19
120	Adverse drug events occurring following hospital discharge. <i>Journal of General Internal Medicine</i> , 2005, 20, 317-323.	1.3	425
121	Improving patient safety: moving beyond the "hype" of medical errors. <i>Cmaj</i> , 2005, 173, 893-894.	0.9	27
122	Effect of a nurse team coordinator on outcomes for hospitalized medicine patients. <i>American Journal of Medicine</i> , 2005, 118, 1148-1153.	0.6	77
123	Pharmacist surveillance of adverse drug events. <i>American Journal of Health-System Pharmacy</i> , 2004, 61, 1466-1472.	0.5	38
124	Validation of a Discharge Summary Term Search Method to Detect Adverse Events. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2004, 12, 200-206.	2.2	25
125	Time-dependent bias was common in survival analyses published in leading clinical journals. <i>Journal of Clinical Epidemiology</i> , 2004, 57, 672-682.	2.4	312
126	Ottawa Hospital Patient Safety Study: incidence and timing of adverse events in patients admitted to a Canadian teaching hospital. <i>Cmaj</i> , 2004, 170, 1235-1240.	0.9	176

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127	Adverse Events following Discharge from the Hospital. <i>Annals of Internal Medicine</i> , 2004, 140, 232.	2.0	0
128	Adverse events among medical patients after discharge from hospital. <i>Cmaj</i> , 2004, 170, 345-9.	0.9	210
129	Electronically Screening Discharge Summaries for Adverse Medical Events. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2003, 10, 339-350.	2.2	94
130	The Effect of Hospital Occupancy on Emergency Department Length of Stay and Patient Disposition. <i>Academic Emergency Medicine</i> , 2003, 10, 127-133.	0.8	186
131	The Incidence and Severity of Adverse Events Affecting Patients after Discharge from the Hospital. <i>Annals of Internal Medicine</i> , 2003, 138, 161.	2.0	1,481
132	The Effect of Hospital Occupancy on Emergency Department Length of Stay and Patient Disposition. <i>Academic Emergency Medicine</i> , 2003, 10, 127-133.	0.8	229
133	Prevalence of information gaps in the emergency department and the effect on patient outcomes. <i>Cmaj</i> , 2003, 169, 1023-8.	0.9	70
134	The rationale and evidence for the treatment of lower-extremity deep venous thrombosis with thrombolytic agents. <i>Current Opinion in Hematology</i> , 2002, 9, 437-442.	1.2	16