

Alan J Forster

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

8,408
citations

109321

35
h-index

48315

88
g-index

137
all docs

137
docs citations

137
times ranked

10135
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.4	1,573
2	The Incidence and Severity of Adverse Events Affecting Patients after Discharge from the Hospital. <i>Annals of Internal Medicine</i> , 2003, 138, 161.	3.9	1,481
3	Proportion of hospital readmissions deemed avoidable: a systematic review. <i>Cmaj</i> , 2011, 183, E391-E402.	2.0	556
4	Adverse drug events occurring following hospital discharge. <i>Journal of General Internal Medicine</i> , 2005, 20, 317-323.	2.6	425
5	Time-dependent bias was common in survival analyses published in leading clinical journals. <i>Journal of Clinical Epidemiology</i> , 2004, 57, 672-682.	5.0	312
6	The Effect of Hospital Occupancy on Emergency Department Length of Stay and Patient Disposition. <i>Academic Emergency Medicine</i> , 2003, 10, 127-133.	1.8	229
7	Adverse events among medical patients after discharge from hospital. <i>Cmaj</i> , 2004, 170, 345-9.	2.0	210
8	The Effect of Hospital Occupancy on Emergency Department Length of Stay and Patient Disposition. <i>Academic Emergency Medicine</i> , 2003, 10, 127-133.	1.8	186
9	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.	2.0	176
10	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.	5.0	157
11	Frailty as a Predictor of Death or New Disability After Surgery. <i>Annals of Surgery</i> , 2020, 271, 283-289.	4.2	131
12	Frequency of adverse events in patients with poor anticoagulation: a meta-analysis. <i>Cmaj</i> , 2007, 176, 1589-1594.	2.0	115
13	Business process management with the user requirements notation. <i>Electronic Commerce Research</i> , 2009, 9, 269-316.	5.0	111
14	Association of Blood Donor Age and Sex With Recipient Survival After Red Blood Cell Transfusion. <i>JAMA Internal Medicine</i> , 2016, 176, 1307.	5.1	109
15	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.	2.0	100
16	Electronically Screening Discharge Summaries for Adverse Medical Events. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2003, 10, 339-350.	4.4	94
17	Adverse events following an emergency department visit. <i>Quality and Safety in Health Care</i> , 2007, 16, 17-22.	2.5	85
18	The Kaiser Permanente inpatient risk adjustment methodology was valid in an external patient population. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 798-803.	5.0	80

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19	Adverse Events Detected by Clinical Surveillance on an Obstetric Service. <i>Obstetrics and Gynecology</i> , 2006, 108, 1073-1083.	2.4	79
20	Effect of a nurse team coordinator on outcomes for hospitalized medicine patients. <i>American Journal of Medicine</i> , 2005, 118, 1148-1153.	1.5	77
21	The effect of hospital-acquired infection with <i>Clostridium difficile</i> on length of stay in hospital. <i>Cmaj</i> , 2012, 184, 37-42.	2.0	77
22	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.	2.2	73
23	Prevalence of information gaps in the emergency department and the effect on patient outcomes. <i>Cmaj</i> , 2003, 169, 1023-8.	2.0	70
24	The Effect of Hospital-Acquired <i>Clostridium difficile</i> Infection on In-Hospital Mortality. <i>Archives of Internal Medicine</i> , 2010, 170, 1804-10.	3.8	58
25	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.	2.4	54
26	Effectiveness and Safety of Short-stay Units in the Emergency Department: A Systematic Review. <i>Academic Emergency Medicine</i> , 2015, 22, 893-907.	1.8	51
27	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.	8.2	50
28	The MedSafer Study: A Controlled Trial of an Electronic Decision Support Tool for Deprescribing in Acute Care. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1843-1850.	2.6	49
29	Sepsis-Associated Mortality, Resource Use, and Healthcare Costs: A Propensity-Matched Cohort Study*. <i>Critical Care Medicine</i> , 2021, 49, 215-227.	0.9	45
30	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.	5.0	43
31	Using prospective clinical surveillance to identify adverse events in hospital. <i>BMJ Quality and Safety</i> , 2011, 20, 756-763.	3.7	43
32	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.	4.4	42
33	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.	1.8	40
34	Validation of new ICD-10-based patient safety indicators for identification of in-hospital complications in surgical patients: a study of diagnostic accuracy. <i>BMJ Quality and Safety</i> , 2020, 29, 209-216.	3.7	39
35	Pharmacist surveillance of adverse drug events. <i>American Journal of Health-System Pharmacy</i> , 2004, 61, 1466-1472.	1.0	38
36	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.	1.9	38

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37	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.	0.5	36
38	Effect of an Electronic Medication Reconciliation Intervention on Adverse Drug Events. <i>JAMA Network Open</i> , 2019, 2, e1910756.	5.9	36
39	Frailty and long-term postoperative disability trajectories: a prospective multicentre cohort study. <i>British Journal of Anaesthesia</i> , 2020, 125, 704-711.	3.4	36
40	Prospective Comparison of Preoperative Predictive Performance Between 3 Leading Frailty Instruments. <i>Anesthesia and Analgesia</i> , 2020, 131, 263-272.	2.2	34
41	Factors contributing to high-cost hospital care for patients with COPD. <i>International Journal of COPD</i> , 2017, Volume 12, 989-995.	2.3	32
42	Adverse Events After Transition From ICU to Hospital Ward: A Multicenter Cohort Study*. <i>Critical Care Medicine</i> , 2020, 48, 946-953.	0.9	31
43	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.	3.4	31
44	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.	2.3	30
45	Multinational comparison of new antidepressant use in older adults: a cohort study. <i>BMJ Open</i> , 2019, 9, e027663.	1.9	28
46	Improving patient safety: moving beyond the "hype" of medical errors. <i>Cmaj</i> , 2005, 173, 893-894.	2.0	27
47	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.	5.0	26
48	Identifying Patients with Post-discharge Care Problems Using an Interactive Voice Response System. <i>Journal of General Internal Medicine</i> , 2009, 24, 520-525.	2.6	26
49	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.	4.4	25
50	Clinical characteristics and preventable acute care spending among a high cost inpatient population. <i>BMC Health Services Research</i> , 2016, 16, 165.	2.2	25
51	Effect of an interactive voice response system on oral anticoagulant management. <i>Cmaj</i> , 2009, 180, 927-933.	2.0	24
52	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.	6.0	24
53	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.	6.0	24
54	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.	1.8	23

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55	What is the value and impact of quality and safety teams? A scoping review. <i>Implementation Science</i> , 2011, 6, 97.	6.9	23
56	Intracranial Bleeds after Minor and Minimal Head Injury in Patients on Warfarin. <i>Journal of Emergency Medicine</i> , 2015, 48, 137-142.	0.7	23
57	Using Medical Emergency Teams to detect preventable adverse events. <i>Critical Care</i> , 2009, 13, R126.	5.8	22
58	Accuracy of using automated methods for detecting adverse events from electronic health record data: a research protocol. <i>Implementation Science</i> , 2015, 10, 5.	6.9	22
59	How do emergency physicians make discharge decisions?. <i>Emergency Medicine Journal</i> , 2015, 32, 9-14.	1.0	21
60	An Agenda for Reducing Emergency Department Crowding. <i>Annals of Emergency Medicine</i> , 2005, 45, 479-481.	0.6	19
61	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.	1.8	19
62	Study of a multisite prospective adverse event surveillance system. <i>BMJ Quality and Safety</i> , 2020, 29, 277-285.	3.7	19
63	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.	0.7	18
64	Reliability of the Peer-Review Process for Adverse Event Rating. <i>PLoS ONE</i> , 2012, 7, e41239.	2.5	18
65	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.	1.8	18
66	From Cues to Nudge: A Knowledge-Based Framework for Surveillance of Healthcare-Associated Infections. <i>Journal of Medical Systems</i> , 2016, 40, 23.	3.6	18
67	Toward an Integrated User Requirements Notation Framework and Tool for Business Process Management. , 2008, , .		17
68	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.	2.5	16
69	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.	1.8	16
70	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.	1.5	16
71	Evaluation of a preoperative personalized risk communication tool: a prospective before-and-after study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1749-1760.	1.6	16
72	Improving patient safety through the systematic evaluation of patient outcomes. <i>Canadian Journal of Surgery</i> , 2012, 55, 418-425.	1.2	15

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73	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.	1.6	15
74	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.	2.0	15
75	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.	1.5	14
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.	1.6	14
77	A framework to assess patient-reported adverse outcomes arising during hospitalization. <i>BMC Health Services Research</i> , 2016, 16, 357.	2.2	14
78	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.	3.7	14
79	Can you prevent adverse drug events after hospital discharge?. <i>Cmaj</i> , 2006, 174, 921-922.	2.0	13
80	Implementation of a Screening Program to Detect Previously Undiagnosed Dysglycemia in Hospitalized Patients. <i>Canadian Journal of Diabetes</i> , 2014, 38, 79-84.	0.8	13
81	The prevalence of potentially preventable deaths in an acute care hospital. <i>Medicine (United States)</i> , 2017, 96, e6162.	1.0	13
82	Oneâ€and fiveâ€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.	1.4	12
83	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.	1.8	12
84	Clinical factors contributing to high cost hospitalizations in a Canadian tertiary care centre. <i>BMC Health Services Research</i> , 2017, 17, 777.	2.2	12
85	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.	2.2	12
86	Comparison of outcomes and costs between adult diabetic ketoacidosis patients admitted to the ICU and step-down unit. <i>Journal of Critical Care</i> , 2019, 50, 257-261.	2.2	12
87	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.	3.7	12
88	Prospective cohort study protocol to describe the transfer of patients from intensive care units to hospital wards. <i>BMJ Open</i> , 2015, 5, e007913.	1.9	11
89	An environmental scan of quality indicators in critical care. <i>CMAJ Open</i> , 2017, 5, E488-E495.	2.4	11
90	Development and evaluation of a quality improvement framework for healthcare. <i>International Journal for Quality in Health Care</i> , 2020, 32, 456-463.	1.8	11

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91	Predicting the need for supportive services after discharged from hospital: a systematic review. BMC Health Services Research, 2020, 20, 161.	2.2	11
92	Long-term Health Outcomes and Health System Costs Associated With Surgical Site Infections. Annals of Surgery, 2021, 273, 917-923.	4.2	11
93	Predicting postoperative surgical site infection with administrative data: a random forests algorithm. BMC Medical Research Methodology, 2021, 21, 179.	3.1	11
94	Automated patient assessments after outpatient surgery using an interactive voice response system. American Journal of Managed Care, 2008, 14, 429-36.	1.1	11
95	Using Information Technology to Improve the Monitoring of Outpatient Prescribing. JAMA Internal Medicine, 2013, 173, 382.	5.1	10
96	Barriers and success factors to the implementation of a multi-site prospective adverse event surveillance system. International Journal for Quality in Health Care, 2014, 26, 418-425.	1.8	10
97	Transfusion Patterns in All Patients Admitted to the Intensive Care Unit and in Those Who Die in Hospital: A Descriptive Analysis. PLoS ONE, 2015, 10, e0138427.	2.5	10
98	The feasibility of e-learning as a quality improvement tool. Journal of Evaluation in Clinical Practice, 2014, 20, 606-610.	1.8	9
99	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.	1.8	9
100	The uptake of technologies designed to influence medication safety in Canadian hospitals. Journal of Evaluation in Clinical Practice, 2008, 14, 27-35.	1.8	8
101	Risk of exposure to blood products during pregnancy: guidance for Zika and other donor deferral policies. Transfusion, 2017, 57, 811-815.	1.6	8
102	Robotic surgery improves transfusion rate and perioperative outcomes using a broad implementation process and multiple surgeon learning curves. Canadian Urological Association Journal, 2018, 13, 184-189.	0.6	8
103	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.	2.5	8
104	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.	1.6	8
105	Potential harms associated with routine collection of patient sociodemographic information: A rapid review. Health Expectations, 2019, 22, 114-129.	2.6	8
106	Epidemiology and outcomes of bloodstream infections in patients discharged from the emergency department. Canadian Journal of Emergency Medicine, 2015, 17, 27-37.	1.1	7
107	Comparing physical assessment with administrative data for detecting pressure ulcers in a large Canadian academic health sciences centre. BMJ Open, 2016, 6, e012490.	1.9	7
108	Implementation of a multimodal patient safety improvement program—SafetyLEAP—in intensive care units. International Journal of Health Care Quality Assurance, 2018, 31, 140-149.	0.9	7

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109	Goal-Driven Development of a Patient Surveillance Application for Improving Patient Safety. Lecture Notes in Business Information Processing, 2009, , 65-76.	1.0	6
110	Variations in Resource Intensity and Cost Among High Users of the Emergency Department. Academic Emergency Medicine, 2016, 23, 722-730.	1.8	6
111	Usability of a computerised drug monitoring programme to detect adverse drug events and non-compliance in outpatient ambulatory care. BMJ Quality and Safety, 2013, 22, 306-316.	3.7	5
112	Risk assessment tools to predict location of discharge and need for supportive services for medical patients after discharge from hospital: a systematic review protocol. Systematic Reviews, 2017, 6, 8.	5.3	4
113	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.	1.1	4
114	Economic Analysis of Exclusive Human Milk Diets for High-Risk Neonates, a Canadian Hospital Perspective. Breastfeeding Medicine, 2020, 15, 377-386.	1.7	4
115	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. PLoS ONE, 2021, 16, e0253288.	2.5	4
116	Using structured incentives to increase value for money in an academic health sciences centre. Healthcare Management Forum, 2017, 30, 187-189.	1.4	3
117	On-line doctors: A disruptive innovation?. Healthcare Management Forum, 2018, 31, 160-162.	1.4	3
118	Creating a Just Culture: The Ottawa Hospital's experience. Healthcare Management Forum, 2019, 32, 266-271.	1.4	3
119	Derivation and Internal Validation of a Model to Predict the Probability of Severe Acute Respiratory Syndrome Coronavirus-2 Infection in Community People. Journal of General Internal Medicine, 2021, 36, 162-169.	2.6	3
120	The use of quality indicators to promote accountability in health care: the good, the bad, and the ugly. Open Medicine, 2012, 6, e75-9.	1.5	3
121	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. BMJ Open, 2021, 11, e049598.	1.9	3
122	HAIKU: A Semantic Framework for Surveillance of Healthcare-Associated Infections. Procedia Computer Science, 2012, 10, 1073-1079.	2.0	2
123	Physician performance feedback in a Canadian academic center. Leadership in Health Services, 2017, 30, 457-474.	1.2	2
124	The feasibility of an interactive voice response system (IVRS) for monitoring patient safety after discharge from the ED. Emergency Medicine Journal, 2018, 35, 180-185.	1.0	2
125	Developing a Strategy for the Improvement in Patient Experience in a Canadian Academic Department of Surgery. Journal of Patient Experience, 2019, 6, 11-20.	0.9	2
126	Structure, processes, and initial outcomes of The Ottawa Hospital Multi-Specialist Limb Preservation Clinic and Programme : A unique Canada quality improvement initiative. International Wound Journal, 2021, , .	2.9	2

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127	Adverse Events Among Emergency Department Patients With Cardiovascular Conditions: A Multicenter Study. <i>Annals of Emergency Medicine</i> , 2021, 77, 561-574.	0.6	2
128	Improving patient safety and physician accountability using the hospital credentialing process. <i>Open Medicine</i> , 2011, 5, e79-86.	1.5	2
129	Hydroxyethyl starch (HES) utilization before and after a regulatory safety warning. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 113-114.	1.6	1
130	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.	0.4	1
131	Adverse Events and Falls. , 2016, , 75-89.		0
132	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.	1.1	0
133	A commentary on the value of hospital data for covid-19 pandemic surveillance and planning. <i>International Journal of Population Data Science</i> , 2020, 5, 1393.	0.1	0
134	Adverse Events following Discharge from the Hospital. <i>Annals of Internal Medicine</i> , 2004, 140, 232.	3.9	0