## Susan D Moffatt-Bruce

List of Publications by Year in descending order

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136 papers 4,024 citations

172457 29 h-index 59 g-index

136 all docs

136 docs citations

136 times ranked

5900 citing authors

#	Article	IF	Citations
1	Ambient Air Pollution Exaggerates Adipose Inflammation and Insulin Resistance in a Mouse Model of Diet-Induced Obesity. Circulation, 2009, 119, 538-546.	1.6	608
2	Long-Term Dipeptidyl-Peptidase 4 Inhibition Reduces Atherosclerosis and Inflammation via Effects on Monocyte Recruitment and Chemotaxis. Circulation, 2011, 124, 2338-2349.	1.6	335
3	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. Circulation Research, 2011, 108, 716-726.	4.5	275
4	Visceral Adipose Inflammation in Obesity Is Associated with Critical Alterations in Tregulatory Cell Numbers. PLoS ONE, 2011, 6, e16376.	2.5	256
5	Acute DPP-4 inhibition modulates vascular tone through GLP-1 independent pathways. Vascular Pharmacology, 2011, 55, 2-9.	2.1	137
6	The Impact of Combining Conformance and Experiential Quality on Hospitals' Readmissions and Cost Performance. Management Science, 2016, 62, 829-848.	4.1	110
7	The role of local therapy in the management of lung and liver oligometastases. Nature Reviews Clinical Oncology, 2011, 8, 405-416.	27.6	108
8	Predictive Validity of the Braden Scale for Patients in Intensive Care Units. American Journal of Critical Care, 2013, 22, 514-520.	1.6	105
9	Retained Surgical Items: A Problem Yet to Be Solved. Journal of the American College of Surgeons, 2013, 216, 15-22.	0.5	101
10	STS/SCA/AmSECT/SABM Update to the Clinical Practice Guidelines on Patient Blood Management. Annals of Thoracic Surgery, 2021, 112, 981-1004.	1.3	88
11	Body Mass Index and Pressure Ulcers: Improved Predictability of Pressure Ulcers in Intensive Care Patients. American Journal of Critical Care, 2014, 23, 494-501.	1.6	85
12	Alarm system management: evidence-based guidance encouraging direct measurement of informativeness to improve alarm response: TableÂ1. BMJ Quality and Safety, 2015, 24, 282-286.	3.7	85
13	Risk factors for retained surgical items: a meta-analysis and proposed risk stratification system. Journal of Surgical Research, 2014, 190, 429-436.	1.6	76
14	Propensity-score adjusted comparison of pathologic nodal upstaging by robotic, video-assisted thoracoscopic, and open lobectomy for non–small cell lung cancer. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1457-1466.e2.	0.8	68
15	Providing cardiothoracic services in 2035: Signs of trouble ahead. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 824-829.	0.8	67
16	Computed Tomography-Assessed Skeletal Muscle Mass as a Predictor of Outcomes in Lung Cancer Surgery. Annals of Thoracic Surgery, 2019, 108, 1555-1564.	1.3	63
17	Natural history of retained surgical items supports the need for team training, early recognition, and prompt retrieval. American Journal of Surgery, 2014, 208, 65-72.	1.8	62
18	What Is the Return on Investment for Implementation of a Crew Resource Management Program at an Academic Medical Center?. American Journal of Medical Quality, 2017, 32, 5-11.	0.5	53

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19	Mediastinal abscess after endobronchial ultrasound with transbronchial needle aspiration: a case report. Journal of Cardiothoracic Surgery, 2010, 5, 33.	1.1	48
20	High Touch and High Tech (HT2) Proposal: Transforming Patient Engagement Throughout the Continuum of Care by Engaging Patients with Portal Technology at the Bedside. JMIR Research Protocols, 2016, 5, e221.	1.0	48
21	Effect of Barcode-assisted Medication Administration on Emergency Department Medication Errors. Academic Emergency Medicine, 2013, 20, 801-806.	1.8	43
22	The limits of checklists: handoff and narrative thinking: TableÂ1. BMJ Quality and Safety, 2014, 23, 528-533.	3.7	43
23	Creating Local Learning Health Systems. JAMA - Journal of the American Medical Association, 2016, 316, 2481.	7.4	40
24	American Board of Thoracic Surgery examination: Fewer graduates, more failures. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1464-1470.	0.8	39
25	Defining the learning curve of robotic thoracic surgery: what does it take?. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3880-3888.	2.4	39
26	Understanding the financial cost of robotic lobectomy: calculating the value of innovation?. Annals of Cardiothoracic Surgery, 2019, 8, 194-201.	1.7	37
27	Culture of Safety and Gender Inclusion in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2018, 106, 951-958.	1.3	34
28	Improving patient engagement, adherence, and satisfaction in lung cancer surgery with implementation of a mobile device platform for patient reported outcomes. Journal of Thoracic Disease, 2020, 12, 6883-6891.	1.4	34
29	Are Heart-Lung Transplant Recipients Protected From Developing Bronchiolitis Obliterans Syndrome?. Annals of Thoracic Surgery, 2006, 81, 286-291.	1.3	31
30	Prediction Model for Hospital-Acquired Pressure Ulcer Development: Retrospective Cohort Study. JMIR Medical Informatics, 2019, 7, e13785.	2.6	31
31	Early Antithrombotic Therapy for Aortic Valve Bioprostheses: Is There an Indication for Routine Use?. Annals of Thoracic Surgery, 2007, 83, 549-557.	1.3	30
32	Successful Management of Immunosuppression in a Patient With Severe Hyperammonemia After Lung Transplantation. Journal of Heart and Lung Transplantation, 2008, 27, 801-803.	0.6	30
33	Reputation and the Best Hospital Rankings: What Does It Really Mean?. American Journal of Medical Quality, 2017, 32, 632-637.	0.5	30
34	Cultural Transformation After Implementation of Crew Resource Management: Is It Really Possible?. American Journal of Medical Quality, 2017, 32, 384-390.	0.5	27
35	Intravascular retained surgical items: A multicenter study of risk factors. Journal of Surgical Research, 2012, 178, 519-523.	1.6	25
36	Multidrug-resistant Acinetobacter baumannii Pneumonia in Lung Transplant Recipients. Journal of Heart and Lung Transplantation, 2008, 27, 804-807.	0.6	23

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37	Interventions to Reduce Burnout and Improve Resilience: Impact on a Health System's Outcomes. Clinical Obstetrics and Gynecology, 2019, 62, 432-443.	1.1	23
38	Implementing an institution-wide quality improvement policy to ensure appropriate use of continuous cardiac monitoring: a mixed-methods retrospective data analysis and direct observation study. BMJ Quality and Safety, 2016, 25, 796-802.	3.7	21
39	Surgeons as medical school educators: An untapped resource. Anatomical Sciences Education, 2011, 4, 182-189.	3.7	20
40	A Novel Approach to Positron Emission Tomography in Lung Cancer. Annals of Thoracic Surgery, 2008, 86, 1355-1357.	1.3	19
41	Surgical Clinical Correlates in Anatomy: Design and implementation of a firstâ€year medical school program. Anatomical Sciences Education, 2009, 2, 265-272.	3.7	19
42	Preventing Wrong Site, Procedure, and Patient Events Using a Common Cause Analysis. American Journal of Medical Quality, 2012, 27, 21-29.	0.5	17
43	Choosing Wisely: Cardiothoracic Surgeons Partnering With Patients to Make Good Health Care Decisions. Annals of Thoracic Surgery, 2013, 95, 1130-1135.	1.3	17
44	Patient Safety: Disclosure of Medical Errors and Risk Mitigation. Annals of Thoracic Surgery, 2016, 102, 358-362.	1.3	17
45	Human Factors and Human Nature in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2016, 101, 2059-2066.	1.3	17
46	Investigating the Causes of Adverse Events. Annals of Thoracic Surgery, 2017, 103, 1693-1699.	1.3	17
47	Changes in the burnout profile of chairs of academic departments of obstetrics and gynecology over the past 15 years. American Journal of Obstetrics and Gynecology, 2018, 219, 303.e1-303.e6.	1.3	17
48	Ethical Standards for Cardiothoracic Surgeons' Participation in Social Media. Annals of Thoracic Surgery, 2019, 108, 666-670.	1.3	17
49	Our New Reality of Public Reporting: Shame Rather Than Blame?. Annals of Thoracic Surgery, 2016, 101, 1255-1261.	1.3	16
50	Training on mind-body skills: Feasibility and effects on physician mindfulness, compassion, and associated effects on stress, burnout, and clinical outcomes. Journal of Positive Psychology, 2020, 15, 194-207.	4.0	16
51	Development and Assessment of Quality Improvement Education For Medical Students at The Ohio State University Medical Center. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2012, 34, 36-42.	0.7	15
52	Collaborating—or "Selling―Patients? A Conceptual Framework for Emergency Department–to-Inpatient Handoff Negotiations. Joint Commission Journal on Quality and Patient Safety, 2015, 41, 134-143.	0.7	15
53	Quality Improvement Intervention to Decrease Prolonged Mechanical Ventilation After Coronary Artery Bypass Surgery. American Journal of Critical Care, 2016, 25, 423-430.	1.6	15
54	Comparative Mutational Profiling in the Assessment of Lung Lesions: Should It Be the Standard of Care?. Annals of Thoracic Surgery, 2010, 90, 388-396.	1.3	14

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55	The role of heat shock protein 27 in bronchiolitis obliterans syndrome after lung transplantation. Journal of Heart and Lung Transplantation, 2010, 29, 786-791.	0.6	14
56	Using timbre to improve performance of larger auditory alarm sets. Ergonomics, 2019, 62, 1617-1629.	2.1	14
57	Surgical safety checklist. Journal of Postgraduate Medicine, 2015, 61, 214-215.	0.4	14
58	Role of in-hospital care quality in reducing anxiety and readmissions of kidney transplant recipients. Journal of Surgical Research, 2016, 205, 252-259.e1.	1.6	13
59	Patient Satisfaction After Lung Cancer Surgery: Do Clinical Outcomes Affect Hospital Consumer Assessment of Health Care Providers and Systems Scores?. Annals of Thoracic Surgery, 2019, 108, 1656-1663.	1.3	13
60	Exploration of critical care data by using unsupervised machine learning. Computer Methods and Programs in Biomedicine, 2020, 194, 105507.	4.7	13
61	Improving Medication Administration Safety in Solid Organ Transplant Patients Through Barcode-Assisted Medication Administration. American Journal of Medical Quality, 2014, 29, 236-241.	0.5	12
62	The Link Between Clinically Validated Patient Safety Indicators and Clinical Outcomes. American Journal of Medical Quality, 2017, 32, 583-590.	0.5	12
63	CALM Interventions: Behavioral Health Crisis Assessment, Linkage, and Management Improve Patient Care. American Journal of Medical Quality, 2018, 33, 65-71.	0.5	12
64	Decreasing Room Traffic in Orthopedic Surgery: A Quality Improvement Initiative. American Journal of Medical Quality, 2019, 34, 561-568.	0.5	11
65	Long-Term Results After Lung Volume Reduction Surgery: A Single Institution's Experience. Annals of Thoracic Surgery, 2019, 107, 1068-1073.	1.3	11
66	Leadership Oversight for Patient Safety Programs: An Essential Element. Annals of Thoracic Surgery, 2018, 105, 351-356.	1.3	10
67	ERAS: Safety checklists, antibiotics, and VTE prophylaxis. Journal of Surgical Oncology, 2017, 116, 601-607.	1.7	9
68	Daily review of AHRQ patient safety indicators has important impact on value-based purchasing, reimbursement, and performance scores. Surgery, 2018, 163, 542-546.	1.9	9
69	Network analysis of intraâ€hospital transfers and hospital onset clostridium difficile infection. Health Information and Libraries Journal, 2020, 37, 26-34.	2.5	9
70	Cardiothoracic Surgeons in Pandemics: Ethical Considerations. Annals of Thoracic Surgery, 2020, 110, 355-358.	1.3	9
71	Estimating the risk of conversion from video-assisted thoracoscopic lung surgery to thoracotomy—a systematic review and meta-analysis. Journal of Thoracic Disease, 2021, 13, 812-823.	1.4	9
72	Purine Metabolism in Heart Failure: Oxidant Biology and Therapeutic Indications. Congestive Heart Failure, 2008, 14, 283-284.	2.0	8

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73	Retained surgical items after abdominal and pelvic surgery: Incidence, trend and predictors- observational study. Annals of Medicine and Surgery, 2016, 12, 60-64.	1.1	8
74	Agency for Healthcare Research and Quality (AHRQ) Patient Safety Indicator for Postoperative Respiratory Failure (PSI 11) does not identify accurately patients who received unsafe care. Surgery, 2016, 160, 858-868.	1.9	8
75	Patient and caregiver experiences at a specialized primary care center for autistic adults. Journal of Comparative Effectiveness Research, 2020, 9, 1131-1140.	1.4	8
76	Helping Patients Be Better Patients: A Qualitative Study of Perceptions About Inpatient Portal Use. Telemedicine Journal and E-Health, 2020, 26, 1184-1187.	2.8	8
77	Orthopaedic Quality Reporting: A Comprehensive Review of the Current Landscape and a Roadmap for Progress. JBJS Reviews, 2014, 2, .	2.0	7
78	Facing the Tension Between Quality Measures and Patient Satisfaction. American Journal of Medical Quality, 2015, 30, 489-490.	0.5	7
79	Navigating a ship with a broken compass: evaluating standard algorithms to measure patient safety. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 310-315.	4.4	7
80	IDEA4PS: The Development of a Research-Oriented Learning Healthcare System. American Journal of Medical Quality, 2018, 33, 420-425.	0.5	7
81	Ethical standards for cardiothoracic surgeons' participation in social media. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1139-1143.	0.8	7
82	Comparative Effectiveness of Best Practice Alerts with Active and Passive Presentations: A Retrospective Study. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2020, 9, 105-109.	0.3	7
83	Patient Safety Strategies. Obstetrics and Gynecology, 2012, 120, 743-745.	2.4	6
84	Engaging the Health Care Team through Operations Councils: Strategies to Improve Population Health from Within. Advances in Health Care Management, $2014, 16, 51-67$ .	0.4	6
85	Development and prospective validation of a model estimating risk of readmission in cancer patients. Journal of Surgical Oncology, 2018, 117, 1113-1118.	1.7	6
86	Sanctions for Research Misconduct in Cardiothoracic Surgery Journals. Annals of Thoracic Surgery, 2016, 102, 685-687.	1.3	5
87	Clustering and Prioritizing Patient Safety Issues during EHR Implementation and Upgrades in Hospital Settings. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2017, 6, 125-131.	0.3	5
88	Gaps Between Alarm Capabilities and Decision-making Needs: An Observational Study of Detecting Patient Decompensation. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2018, 7, 112-116.	0.3	5
89	Beyond Patient Satisfaction: Optimizing the Patient Experience. Advances in Health Care Management, 2019, 18, 255-261.	0.4	5
90	Quality improvement in cardiothoracic surgery residency: Training in the culture of change. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1255-1260.	0.8	5

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91	"They Looked at Me as a Person, Not Just a Diagnosis†A Qualitative Study of Patient and Parent Satisfaction with a Specialized Primary Care Clinic for Autistic Adults. Autism in Adulthood, 2021, 3, 347-355.	6.9	5
92	A mouse model of yellow fluorescent protein (YFP) expression in hematopoietic cells to assess leukocyte–endothelial interactions in the microcirculation. Microvascular Research, 2009, 78, 294-300.	2.5	4
93	The Immunobiology of Photodynamic Therapy: The Potential for Therapeutic Intervention in Lung Cancer. Journal of the National Comprehensive Cancer Network: JNCCN, 2012, 10, S-27-S-30.	4.9	4
94	Celebrating Human Resilience to Provide Safe Care. Annals of Surgery, 2012, 256, 211-212.	4.2	4
95	Metastatic Squamous Cell Carcinoma of the Anus to the Lung Confirmed with Allelotyping. Case Reports in Pathology, 2014, 2014, 1-5.	0.3	4
96	Predicting Mortality with Applied Machine Learning: Can We Get There?. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 115-119.	0.3	4
97	The many facets of research integrity: What can we do to ensure it?. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 730-733.	0.8	4
98	Early Postoperative Functional Assessment Predicts Non-Home Discharge After Pulmonary Lobectomy. Annals of Thoracic Surgery, 2021, 111, 1710-1716.	1.3	4
99	Applying Human Factors Engineering to Address the Telemetry Alarm Problem in a Large Medical Center. Human Factors, 2022, 64, 126-142.	3.5	4
100	Developing a Multidisciplinary Robotic Surgery Quality Assessment Program. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2012, 34, 43-53.	0.7	3
101	Leveraging Health Information Technologies to Support Surgical Practice. JAMA Surgery, 2018, 153, 981.	4.3	3
102	Facilitating Organizational Change to Accommodate an Inpatient Portal. Applied Clinical Informatics, 2019, 10, 898-908.	1.7	3
103	Room Traffic in Orthopedic Surgery: A Prospective Clinical Observational Study of Time of Day. Journal of Patient Safety, 2021, 17, e241-e246.	1.7	3
104	Effects of a Specialized Primary Care Facility on Preventive Service Use Among Autistic Adults: a Retrospective Claims Study. Journal of General Internal Medicine, 2021, 36, 1682-1688.	2.6	3
105	Mission statement of the American College of Academic International Medicine. International Journal of Critical Illness and Injury Science, 2017, 7, 3.	0.6	3
106	Clinical Effectiveness of Negative Pressure Wound Therapy Following Surgical Resection of Sternoclavicular Joint Infection: A Case Report. Cureus, 2016, 8, e815.	0.5	3
107	Another Surgeon's Error: Must You Tell the Patient?. Annals of Thoracic Surgery, 2014, 98, 396-401.	1.3	2
108	Public reporting: Will this help inform what patients and families need to know?. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1623-1626.	0.8	2

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109	Continuous Cardiac Monitoring Policy Implementation: Three-year Sustained Decrease of Hospital Resource Utilization. Advances in Health Care Management, 2019, 18, 159-171.	0.4	2
110	The Importance of Testing Sets of Clinical Alarm Sounds and Navigating Tradeoffs to Translate Research Findings into Implementation. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 67-71.	0.3	2
111	Global health initiatives in cardiothoracic surgery: Ethical considerations and guidelines. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 2114-2118.	0.8	2
112	Situated Visual Alarm Displays Support Machine Fitness Assessment for Nonexplainable Automation. IEEE Transactions on Human-Machine Systems, 2022, 52, 984-993.	3.5	2
113	Using social media: A way for us to sit at the table. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 326-327.	0.8	1
114	Is complex concomitant surgery justified or does it simply support guard rails?. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 568-569.	0.8	1
115	Novel Visualization of Clostridium difficile Infections in Intensive Care Units. ACI Open, 2019, 03, e71-e77.	0.5	1
116	Nursing Handovers in Critical Care: A Retrospective Analysis of Information Content and Function. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 4-8.	0.3	1
117	Global health initiatives in cardiothoracic surgery: Ethical considerations and guidelines. Asian Cardiovascular and Thoracic Annals, 2020, , 021849232097450.	0.5	1
118	Global Health Initiatives in Cardiothoracic Surgery: Ethical Considerations and Guidelines. Annals of Thoracic Surgery, 2021, 111, 24-28.	1.3	1
119	Perceptually Discriminating the Highest Priority Alarms Reduces Response Time: A Retrospective Pre-Post Study at Four Hospitals. Human Factors, 2023, 65, 636-650.	3.5	1
120	What is new in critical illness and injury science? Patient safety amidst chaos: Are we on the same team during emergency and critical care interventions?. International Journal of Critical Illness and Injury Science, 2015, 5, 135.	0.6	1
121	Global health initiatives in cardiothoracic surgery: ethical considerations and guidelines. European Journal of Cardio-thoracic Surgery, 2021, 59, 4-7.	1.4	1
122	Invited Commentary. Annals of Thoracic Surgery, 2009, 88, 964-965.	1.3	0
123	Induction of CD4+CD25+ T Regulatory Cells with CD103 Depletion. Journal of Surgical Research, 2010, 163, 162-168.	1.6	O
124	Diagnosing and Treating "Alarm Fatigue†Pragmatic and Evidence-Based Approaches Needed. Joint Commission Journal on Quality and Patient Safety, 2016, 42, 291-292.	0.7	0
125	Trapped lung secondary to cardiomegaly in a 78 year-old male with congestive heart failure. Respiratory Medicine Case Reports, 2016, 18, 4-7.	0.4	0
126	Methods for Utilizing Multidisciplinary Team to Create Novel Visual Alarm Designs That Improve Recognition of Patient Decompensation and Alarm Response. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 257-260.	0.3	0

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127	The Aggressive Cholesterol Therapy to Inhibit Vein Graft Events trial: To continue or not? How to answer the question. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 164-165.	0.8	O
128	Commentary: Trust but verify—How do we keep the faith?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 2539-2540.	0.8	0
129	Mentorship Effectiveness: This Is Our Responsibility. Annals of Thoracic Surgery, 2021, 112, 651.	1.3	0
130	Commentary: The very real generation gap: Times are a-changing. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 343-344.	0.8	0
131	Preparing for the Future: Funding for Graduate Medical Education in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2021, 112, 1736-1740.	1.3	O
132	Executive Leadership and Surgical Quality: A Guide for Senior Hospital Leaders. , 2017, , 225-246.		0
133	Surgical Quality and Safety: Current Initiatives and Future Directions. , 2017, , 125-144.		O
134	Measuring Medicaid Expansion's Impact on an Academic Medical Center's Emergency Department. Cureus, 2018, 10, e3798.	0.5	0
135	Healthcare systems approach to patient reported outcomes-benefits and challenges in thoracic surgery. Journal of Thoracic Disease, 2020, 12, 6947-6951.	1.4	O
136	Expenditures and Healthcare Utilization of Patients Receiving Care at a Specialized Primary Care Clinic Designed with and for Autistic Adults. Journal of General Internal Medicine, 2022, , 1.	2.6	0