David M Gaba

List of Publications by Year
in descending order

103 papers	8,944 citations	76294 40 h-index	46771 89 g-index
105 all docs	105 docs citations	105 times ranked	5347 citing authors

#	Article	IF	Citations
1	A Simple Ventilator Designed To Be Used in Shortage Crises: Construction and Verification Testing. JMIR Biomedical Engineering, 2021, 6, e26047.	0.7	7
2	Guidelines for the Responsible Use of Deception in Simulation. Simulation in Healthcare, 2020, 15, 282-288.	0.7	4
3	Clinical Uses and Impacts of Emergency Manuals During Perioperative Crises. Anesthesia and Analgesia, 2020, 131, 1815-1826.	1.1	16
4	Exploring the Boundaries of Deception in Simulation: A Mixed-Methods Study. Clinical Simulation in Nursing, 2020, 40, 7-16.	1.5	6
5	De-escalating Angry Caregivers: A Randomized Controlled Trial of a Novel Communication Curriculum for Pediatric Residents. Academic Pediatrics, 2019, 19, 283-290.	1.0	11
6	Use of an Emergency Manual During an Intraoperative Cardiac Arrest by an Interprofessional Team: A Positive-Exemplar Case Study of a New Patient Safety Tool. Joint Commission Journal on Quality and Patient Safety, 2018, 44, 477-484.	0.4	8
7	Priorities Related to Improving Healthcare Safety Through Simulation. Simulation in Healthcare, 2018, 13, S41-S50.	0.7	32
8	Operating Room Crisis Checklists and Emergency Manuals. Anesthesiology, 2017, 127, 384-392.	1.3	77
9	Evaluating the Impact of Classroom Education on the Management of Septic Shock Using Human Patient Simulation. Simulation in Healthcare, 2016, 11, 19-24.	0.7	12
10	Introduction to Special Issue on Highly Communicable Disease Management. Simulation in Healthcare, 2016, 11, 71.	0.7	2
11	A joint leap into a future of high-quality simulation researchâ€"standardizing the reporting of simulation science. Advances in Simulation, 2016, 1, 24.	1.0	7
12	My Time as Editor-in-Chief. Simulation in Healthcare, 2016, 11, 229-231.	0.7	1
13	Joint leap into a future of high-quality simulation research: standardising the reporting of simulation science. BMJ Simulation and Technology Enhanced Learning, 2016, 2, 49-50.	0.7	1
14	Practice Improvements Based on Participation in Simulation for the Maintenance of Certification in Anesthesiology Program. Anesthesiology, 2015, 122, 1154-1169.	1.3	41
15	Deception and Simulation Education. Simulation in Healthcare, 2015, 10, 163-169.	0.7	26
16	Decision-Making and Cognitive Strategies. Simulation in Healthcare, 2015, 10, 133-138.	0.7	25
17	Evaluation of a Standardized Program for Training Practicing Anesthesiologists in Ultrasoundâ€Guided Regional Anesthesia Skills. Journal of Ultrasound in Medicine, 2015, 34, 1883-1893.	0.8	20
18	Towards meaningful simulation-based learning with medical students and junior physicians. Medical Teacher, 2014, 36, 230-239.	1.0	25

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19	Simulation as a Critical Resource in the Response to Ebola Virus Disease. Simulation in Healthcare, 2014, 9, 337-338.	0.7	30
20	Human Factors Engineering in Patient Safety. Anesthesiology, 2014, 120, 801-806.	1.3	41
21	This Is Not a Test!. Anesthesiology, 2014, 121, 655-659.	1.3	22
22	Perioperative Cognitive Aids in Anesthesia. Anesthesia and Analgesia, 2013, 117, 1033-1036.	1.1	44
23	Perspective: Thorniest Issues In Healthcare. Biomedical Instrumentation and Technology, 2013, 47, 299-303.	0.2	0
24	Improving Patient Care Through Leadership Engagement with Frontline Staff: A Department of Veterans Affairs Case Study. Joint Commission Journal on Quality and Patient Safety, 2013, 39, 349-360.	0.4	10
25	Crisis Resource Management. , 2013, , 95-109.		17
26	External Validation of Simulation-Based Assessments With Other Performance Measures of Third-Year Anesthesiology Residents. Simulation in Healthcare, 2012, 7, 73-80.	0.7	33
27	Adapting Space Science Methods for Describing and Planning Research in Simulation in Healthcare. Simulation in Healthcare, 2012, 7, 27-31.	0.7	7
28	Where Do We Come From? What Are We? Where Are We Going?. Simulation in Healthcare, 2011, 6, 195-196.	0.7	10
29	Comparing safety climate in naval aviation and hospitals. Health Care Management Review, 2010, 35, 134-146.	0.6	35
30	Hospital Safety Climate and Safety Outcomes: Is There a Relationship in the VA?. Medical Care Research and Review, 2010, 67, 590-608.	1.0	48
31	Human Performance and Patient Safety. , 2010, , 93-149.		40
32	Patient Simulation. , 2010, , 151-192.		10
33	Milestones for the Journal. Simulation in Healthcare, 2009, 4, 1-2.	0.7	2
34	In Tribute to and Memory of Beverlee Anderson. Simulation in Healthcare, 2009, 4, 189-190.	0.7	0
35	Relationship of Safety Climate and Safety Performance in Hospitals. Health Services Research, 2009, 44, 399-421.	1.0	408
36	Comparing Safety Climate between Two Populations of Hospitals in the United States. Health Services Research, 2009, 44, 1563-1583.	1.0	31

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37	Relationship of Hospital Organizational Culture to Patient Safety Climate in the Veterans Health Administration. Medical Care Research and Review, 2009, 66, 320-338.	1.0	87
38	How does patient safety culture in the operating room and post-anesthesia care unit compare to the rest of the hospital?. American Journal of Surgery, 2009, 198, 70-75.	0.9	44
39	Do As We Say, Not As You Do: Using Simulation to Investigate Clinical Behavior in Action. Simulation in Healthcare, 2009, 4, 67-69.	0.7	19
40	Identifying organizational cultures that promote patient safety. Health Care Management Review, 2009, 34, 300-311.	0.6	153
41	Coordination Patterns Related to High Clinical Performance in a Simulated Anesthetic Crisis. Anesthesia and Analgesia, 2009, 108, 1606-1615.	1.1	100
42	Patient Safety Climate in 92 US Hospitals. Medical Care, 2009, 47, 23-31.	1.1	218
43	An Overview of Patient Safety Climate in the VA. Health Services Research, 2008, 43, 1263-1284.	1.0	63
44	Improvement in coronary anastomosis with cardiac surgery simulation. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1486-1491.	0.4	114
45	Adaptive coordination in cardiac anaesthesia: a study of situational changes in coordination patterns using a new observation system. Ergonomics, 2008, 51, 1153-1178.	1.1	73
46	Recruitment of Hospitals for a Safety Climate Study: Facilitators and Barriers. Joint Commission Journal on Quality and Patient Safety, 2008, 34, 275-284.	0.4	10
47	Differences in Safety Climate Among Hospital Anesthesia Departments and the Effect of a Realistic Simulation-Based Training Program. Anesthesia and Analgesia, 2008, 106, 574-584.	1.1	39
48	Patient Safety Climate in US Hospitals. Medical Care, 2008, 46, 1149-1156.	1.1	112
49	Challenges and Opportunities in Simulation and Assessment. Simulation in Healthcare, 2008, 3, 69-71.	0.7	15
50	Trauma Training in Simulation: Translating Skills From SIM Time to Real Time. Journal of Trauma, 2008, 64, 255-264.	2.3	105
51	Simulation-Based Learning as an Educational Tool. Computers in Health Care, 2008, , 459-479.	0.2	6
52	The Role of Debriefing in Simulation-Based Learning. Simulation in Healthcare, 2007, 2, 115-125.	0.7	1,122
53	Deepening the Theoretical Foundations of Patient Simulation as Social Practice. Simulation in Healthcare, 2007, 2, 183-193.	0.7	434
54	Cognitive Aids in a Simulated Anesthetic Crisis. Anesthesia and Analgesia, 2007, 104, 1293.	1.1	0

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55	Safety culture: Is the â€œunitâ€•the right â€œunit of analysisâ€?*. Critical Care Medicine, 2007, 35, 314-316.	0.4	32
56	The Future Vision of Simulation in Healthcare. Simulation in Healthcare, 2007, 2, 126-135.	0.7	329
57	When the Editor Is an Author. Simulation in Healthcare, 2007, 2, 86-87.	0.7	1
58	The Tide Is Turning: Organizational Structures to Embed Simulation in the Fabric of Healthcare. Simulation in Healthcare, 2007, 2, 1-3.	0.7	30
59	Workforce Perceptions of Hospital Safety Culture: Development and Validation of the Patient Safety Climate in Healthcare Organizations Survey. Health Services Research, 2007, 42, 1999-2021.	1.0	176
60	So Many Roads: Facilitated Debriefing in Healthcare. Simulation in Healthcare, 2006, 1, 23-25.	0.7	109
61	Use of Cognitive Aids in a Simulated Anesthetic Crisis. Anesthesia and Analgesia, 2006, 103, 551-556.	1.1	189
62	Improving Alertness and Performance in Emergency Department Physicians and Nurses: The Use of Planned Naps. Annals of Emergency Medicine, 2006, 48, 596-604.e3.	0.3	175
63	Safe passage - using simulation to teach patient safety. Clinical Teacher, 2005, 2, 37-41.	0.4	4
64	Trainee fatigue: Are new limits on work hours enough?. Cmaj, 2004, 170, 975-976.	0.9	13
65	Emergency Medicine Crisis Resource Management (EMCRM): Pilot Study of a Simulation-based Crisis Management Course for Emergency Medicine. Academic Emergency Medicine, 2003, 10, 386-389.	0.8	188
66	Differences in Safety Climate between Hospital Personnel and Naval Aviators. Human Factors, 2003, 45, 173-185.	2.1	166
67	Simulation Study of Rested VersusÂ Sleep-deprived Anesthesiologists. Anesthesiology, 2003, 98, 1345-1355.	1.3	189
68	Trauma Assessment Training with a Patient Simulator: A Prospective, Randomized Study. Journal of Trauma, 2003, 55, 651-657.	2.3	104
69	Use of a fully simulated intensive care unit environment for critical event management training for internal medicine residents*. Critical Care Medicine, 2003, 31, 2437-2443.	0.4	187
70	Fatigue among Clinicians and the Safety of Patients. New England Journal of Medicine, 2002, 347, 1249-1255.	13.9	610
71	The Risks and Implications of Excessive Daytime Sleepiness in Resident Physicians. Academic Medicine, 2002, 77, 1019-1025.	0.8	167
72	Two Examples of How to Evaluate the Impact of New Approaches to Teaching. Anesthesiology, 2002, 96, 1-2.	1.3	29

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73	No Myth: Anesthesia Is a Model for Addressing Patient Safety. Anesthesiology, 2002, 97, 1335-1337.	1.3	144
74	Simulation-Based Training in Anesthesia Crisis Resource Management (ACRM): A Decade of Experience. Simulation and Gaming, 2001, 32, 175-193.	1.2	582
75	Structural and Organizational Issues in Patient Safety: A Comparison of Health Care to other High-Hazard Industries. California Management Review, 2000, 43, 83-102.	3.4	216
76	Landmark report published on patient safety. , 2000, 16, 231-232.		6
77	Research Techniques in Human Performance Using Realistic Simulation. , 1998, , 93-102.		2
78	Factors influencing vigilance and performance of anesthetists. Current Opinion in Anaesthesiology, 1998, 11, 651-657.	0.9	10
79	Anesthesia Patient Risk: A Quantitative Approach to Organizational Factors and Risk Management Options. Risk Analysis, 1997, 17, 511-523.	1.5	35
80	Patient risk in anesthesia: Probabilistic risk analysis and management improvements. Annals of Operations Research, 1996, 67, 211-233.	2.6	20
81	Anaesthesia simulators (2). Canadian Journal of Anaesthesia, 1995, 42, 952-953.	0.7	4
82	Situation Awareness in Anesthesiology. Human Factors, 1995, 37, 20-31.	2.1	267
83	Anesthesia crisis resource management: Real-life simulation training in operating room crises. Journal of Clinical Anesthesia, 1995, 7, 675-687.	0.7	299
84	Bronchial cuff pressures of two tubes used in thoracic surgery. Journal of Cardiothoracic and Vascular Anesthesia, 1992, 6, 190-192.	0.6	30
85	Dynamic Decision-Making in Anesthesiology: Cognitive Models and Training Approaches. , 1992, , 123-147.		62
86	A comparison of etomidate and thiopental anesthesia for cardioversion. Journal of Cardiothoracic and Vascular Anesthesia, 1991, 5, 563-565.	0.6	18
87	Role of Experience in the Response to Simulated Critical Incidents. Anesthesia and Analgesia, 1991, 72, 308???315.	1.1	98
88	Endobronchial Cuff Pressures of Double-Lumen Tubes. Anesthesia and Analgesia, 1991, 72, 266.	1.1	6
89	Anesthesia Crisis Management and Human Error in Anesthesiology. Proceedings of the Human Factors Society Annual Meeting, 1991, 35, 686-686.	0.1	1
90	Endobronchial Cuff Pressures of Double-Lumen Tubes. Anesthesia and Analgesia, 1991, 72, 265-266.	1.1	57

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91	Corrigendum for Bronchial Diameters. Anesthesia and Analgesia, 1990, 70, 670.	1.1	0
92	Unplanned Incidents During Comprehensive Anesthesia Simulation. Anesthesia and Analgesia, 1990, 71, 77???82.	1.1	89
93	Measuring the Workload of the Anesthesiologist. Anesthesia and Analgesia, 1990, 71, 354???361.	1.1	72
94	The present and future medicolegal importance of record keeping in anesthesia and intensive care: The case for automation. Journal of Clinical Monitoring and Computing, 1990, 6, 338-339.	0.6	0
95	HUMAN ERROR IN ANESTHETIC MISHAPS. International Anesthesiology Clinics, 1989, 27, 137-147.	0.3	138
96	A STRATEGY FOR PREVENTING ANESTHESIA ACCIDENTS. International Anesthesiology Clinics, 1989, 27, 148-152.	0.3	32
97	The Response of Anesthesia Trainees to Simulated Critical Incidents. Anesthesia and Analgesia, 1989, 68, 444???451.	1.1	123
98	Bronchial Cuff Pressures of Double-Lumen Tubes. Anesthesia and Analgesia, 1989, 69, 608???610.	1.1	36
99	L-phenylisopropyladenosine (L-PIA) diminishes halothane anesthetic requirements and decreases noradrenergic neurotransmission in rats. Life Sciences, 1988, 42, 1355-1360.	2.0	19
100	Lactate extraction and myocardial damage after countershock at different energy levels. Journal of Cardiothoracic and Vascular Anesthesia, 1988, 2, 341-345.	0.2	0
101	More on Nitrous Oxide and Laser Surgery. Anesthesia and Analgesia, 1988, 67, 488???488.	1.1	0
102	Effects of hypoxia and hyperoxia on the human standing potential. Documenta Ophthalmologica, 1985, 60, 347-352.	1.0	13
103	Myocardial damage following transthoracic direct current countershock in newborn piglets. Pediatric Cardiology, 1982, 2, 281-288.	0.6	44