Marc Auerbach MSci

List of Publications by Year in descending order

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172457 149698 3,749 135 29 56 citations g-index h-index papers 135 135 135 3126 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Reporting Guidelines for Health Care Simulation Research. Simulation in Healthcare, 2016, 11, 238-248.	1.2	252
2	Learn, See, Practice, Prove, Do, Maintain. Academic Medicine, 2015, 90, 1025-1033.	1.6	247
3	Reporting guidelines for health care simulation research: extensions to the CONSORT and STROBE statements. Advances in Simulation, 2016, 1, 25.	2.3	233
4	Resuscitation Education Science: Educational Strategies to Improve Outcomes From Cardiac Arrest: A Scientific Statement From the American Heart Association. Circulation, 2018, 138, e82-e122.	1.6	230
5	Designing and Conducting Simulation-Based Research. Pediatrics, 2014, 133, 1091-1101.	2.1	175
6	Gamification in Action: Theoretical and Practical Considerations for Medical Educators. Academic Medicine, 2018, 93, 1014-1020.	1.6	157
7	The use of simulation for pediatric training and assessment. Current Opinion in Pediatrics, 2009, 21, 282-287.	2.0	130
8	A Randomized Trial of Simulation-Based Deliberate Practice for Infant Lumbar Puncture Skills. Simulation in Healthcare, 2011, 6, 197-203.	1.2	120
9	Neonatal intubation performance: Room for improvement in tertiary neonatal intensive care units. Resuscitation, 2013, 84, 1359-1364.	3.0	109
10	Impact of Just-in-Time and Just-in-Place Simulation on Intern Success With Infant Lumbar Puncture. Pediatrics, 2015, 135, e1237-e1246.	2.1	79
11	Emergency Care for Children in the United States: EpidemiologyÂandÂTrends Over Time. Journal of Emergency Medicine, 2018, 55, 423-434.	0.7	78
12	Differences in the Quality of Pediatric Resuscitative Care Across a Spectrum of Emergency Departments. JAMA Pediatrics, 2016, 170, 987.	6.2	76
13	Disparities in Adherence to Pediatric Sepsis Guidelines across aÂSpectrum of Emergency Departments: A Multicenter, Cross-Sectional Observational In Situ Simulation Study. Journal of Emergency Medicine, 2016, 50, 403-415.e3.	0.7	75
14	Ketamine, Propofol, and Ketofol Use for Pediatric Sedation. Pediatric Emergency Care, 2012, 28, 1391-1395.	0.9	70
15	Simulation Training with Structured Debriefing Improves Residents' Pediatric Disaster Triage Performance. Prehospital and Disaster Medicine, 2012, 27, 239-244.	1.3	64
16	Changes in pediatric emergency department visits for mental health during the COVID-19 pandemic: A cross-sectional study. Clinical Child Psychology and Psychiatry, 2021, 26, 33-38.	1.6	61
17	Interns' Success With Clinical Procedures in Infants After Simulation Training. Pediatrics, 2013, 131, e811-e811.	2.1	59
18	Repetitive Pediatric Simulation Resuscitation Training. Pediatric Emergency Care, 2011, 27, 29-31.	0.9	58

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19	In Situ Pediatric Trauma Simulation. Pediatric Emergency Care, 2014, 30, 884-891.	0.9	58
20	A Simulation-Based Quality Improvement Initiative Improves Pediatric Readiness in Community Hospitals. Pediatric Emergency Care, 2018, 34, 431-435.	0.9	56
21	In situ simulation in emergency medicine: Moving beyond the simulation lab. EMA - Emergency Medicine Australasia, 2017, 29, 83-88.	1.1	54
22	Validation of Global Rating Scale and Checklist Instruments for the Infant Lumbar Puncture Procedure. Simulation in Healthcare, 2013, 8, 148-154.	1.2	45
23	Using Simulation to Improve Patient Safety. JAMA Pediatrics, 2015, 169, 419.	6.2	41
24	An Intervention to Improve Pain Management in the Pediatric Emergency Department. Pediatric Emergency Care, 2012, 28, 524-528.	0.9	38
25	A Telesimulation Elective to Provide Medical Students With Pediatric Patient Care Experiences During the COVID Pandemic. Pediatric Emergency Care, 2021, 37, 119-122.	0.9	37
26	Qualitative Evaluation of Just-in-Time Simulation-Based Learning. Simulation in Healthcare, 2013, 8, 43-48.	1.2	36
27	Effect of just-in-time simulation training on provider performance and patient outcomes for clinical procedures: a systematic review. BMJ Simulation and Technology Enhanced Learning, 2015, 1, 94-102.	0.7	34
28	The Greater Good: How Supervising Physicians Make Entrustment Decisions in the Pediatric Emergency Department. Academic Pediatrics, 2014, 14, 597-602.	2.0	33
29	Neonatal Intubation Competency Assessment Tool: Development and Validation. Academic Pediatrics, 2019, 19, 157-164.	2.0	32
30	The use of in situ simulation to detect latent safety threats in paediatrics: a cross-sectional survey. BMJ Simulation and Technology Enhanced Learning, 2015 , 1 , $77-82$.	0.7	32
31	Tourniquet usage in prehospital care and resuscitation of pediatric trauma patients—Pediatric Trauma Society position statement. Journal of Trauma and Acute Care Surgery, 2018, 85, 665-667.	2.1	30
32	Adherence to Pediatric Cardiac Arrest Guidelines Across a Spectrum of Fifty Emergency Departments: A Prospective, In Situ, Simulationâ€based Study. Academic Emergency Medicine, 2018, 25, 1396-1408.	1.8	30
33	Comparing Practice Patterns Between Pediatric and General Emergency Medicine Physicians. Pediatric Emergency Care, 2017, 33, 278-286.	0.9	29
34	Pediatric Disaster Triage: Multiple Simulation Curriculum Improves Prehospital Care Providers' Assessment Skills. Prehospital Emergency Care, 2017, 21, 201-208.	1.8	28
35	A Randomized, Doubleâ€blind Controlled Study of Jet Lidocaine Compared to Jet Placebo for Pain Relief in Children Undergoing Needle Insertion in the Emergency Department. Academic Emergency Medicine, 2009, 16, 388-393.	1.8	26
36	Psychosocial Care for Injured Children: Worldwide Survey among Hospital Emergency Department Staff. Journal of Pediatrics, 2016, 170, 227-233.e6.	1.8	25

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37	Validity Evidence for a Serious Game to Assess Performance on Critical Pediatric Emergency Medicine Scenarios. Simulation in Healthcare, 2018, 13, 168-180.	1.2	24
38	Deliberate practice and mastery learning in resuscitation education: A scoping review. Resuscitation Plus, 2021, 6, 100137.	1.7	24
39	Safety Threats During the Care of Infants with Hypoglycemic Seizures in the Emergency Department: A Multicenter, Simulation-Based Prospective Cohort Study. Journal of Emergency Medicine, 2017, 53, 467-474.e7.	0.7	23
40	Creation and Delphi-method Refinement of Pediatric Disaster Triage Simulations. Prehospital Emergency Care, 2014, 18, 282-289.	1.8	22
41	Simulationâ€based Education to Ensure Provider Competency Within the Health Care System. Academic Emergency Medicine, 2018, 25, 168-176.	1.8	22
42	Prevalence of Errors in Anaphylaxis in Kids (PEAK): A Multicenter Simulation-Based Study. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1239-1246.e3.	3.8	21
43	Are Pediatric Interns Prepared to Perform Infant Lumbar Punctures?. Pediatric Emergency Care, 2013, 29, 453-457.	0.9	20
44	The association of nonaccidental trauma with historical factors, examination findings, and diagnostic testing during the initial trauma evaluation. Journal of Trauma and Acute Care Surgery, 2017, 82, 1147-1157.	2.1	20
45	Early Involvement of the Child Protection Team in the Care of Injured Infants in a Pediatric Emergency Department. Journal of Emergency Medicine, 2019, 56, 592-600.	0.7	20
46	Reporting guidelines for health care simulation research: Extensions to the CONSORT and STROBE statements. BMJ Simulation and Technology Enhanced Learning, 2016, 2, 51-60.	0.7	19
47	Design, Validity, and Reliability of a Pediatric Resident JumpSTART Disaster Triage Scoring Instrument. Academic Pediatrics, 2013, 13, 48-54.	2.0	18
48	Comparison of GlideScope Videolaryngoscopy to Direct Laryngoscopy for Intubation of a Pediatric Simulator by Novice Physicians. Emergency Medicine International, 2013, 2013, 1-6.	0.8	18
49	Emergency Information Forms for Children With Medical Complexity: A Simulation Study. Pediatrics, 2016, 138, .	2.1	17
50	Rapport Management. Simulation in Healthcare, 2018, 13, 1-2.	1.2	17
51	Building a Community of Practice for Researchers. Simulation in Healthcare, 2018, 13, S28-S34.	1.2	17
52	Preferred learning modalities and practice for critical skills: a global survey of paediatric emergency medicine clinicians. Emergency Medicine Journal, 2019, 36, 273-280.	1.0	17
53	Targeting Simulation-Based Assessment for theÂPediatric Milestones: A Survey of Simulation Experts and Program Directors. Academic Pediatrics, 2016, 16, 290-297.	2.0	16
54	The Impact of Telemedicine on Teamwork and Workload in Pediatric Resuscitation: A Simulation-Based, Randomized Controlled Study. Telemedicine Journal and E-Health, 2019, 25, 205-212.	2.8	16

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55	The Correlation of Workplace Simulation-Based Assessments With Interns' Infant Lumbar Puncture Success. Simulation in Healthcare, 2016, 11, 126-133.	1.2	15
56	Comparing the Accuracy of Three Pediatric Disaster Triage Strategies: A Simulation-Based Investigation. Disaster Medicine and Public Health Preparedness, 2016, 10, 253-260.	1.3	14
57	TeleSimBox: A perceived effective alternative for experiential learning for medical student education with social distancing requirements. AEM Education and Training, 2021, 5, e10590.	1.2	14
58	Use of Simulation-Based Education: A National Survey of Pediatric Clerkship Directors. Academic Pediatrics, 2014, 14, 369-374.	2.0	13
59	Reporting Guidelines for Health Care Simulation Research. Clinical Simulation in Nursing, 2016, 12, iii-xiii.	3.0	13
60	Impact of Project ECHO on Community ED Providers' Perceptions of Child Abuse Knowledge and Access to Subspecialists for Child Abuse and Neglect. Academic Pediatrics, 2019, 19, 985-987.	2.0	13
61	Script Concordance Testing. Academic Medicine, 2014, 89, 128-135.	1.6	12
62	60 Seconds to Survival: A Multisite Study of a Screenâ€based Simulation to Improve Prehospital Providers Disaster Triage Skills. AEM Education and Training, 2018, 2, 100-106.	1.2	12
63	Comparison of Two Telemedicine Delivery Modes for Neonatal Resuscitation Support: A Simulation-Based Randomized Trial. Neonatology, 2020, 117, 159-166.	2.0	12
64	Child Protection Team Consultation for Injuries Potentially Due to Child Abuse in Community Emergency Departments. Academic Emergency Medicine, 2021, 28, 70-81.	1.8	12
65	Tips for Conducting Telesimulation-Based Medical Education. Cureus, 2021, 13, e12479.	0.5	11
66	Telementoring for remote simulation instructor training and faculty development using telesimulation. BMJ Simulation and Technology Enhanced Learning, 2021, 7, 61-65.	0.7	11
67	Pediatric Emergency Medicine Simulation Curriculum: Submersion Injury With Hypothermia and Ventricular Fibrillation. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2017, 13, 10643.	1.2	11
68	National Study of Selfâ€reported Pediatric Areas in United States General Emergency Departments. Academic Emergency Medicine, 2018, 25, 1458-1462.	1.8	10
69	Identifying Maltreatment in Infants and Young Children Presenting With Fractures: Does Age Matter?. Academic Emergency Medicine, 2021, 28, 5-18.	1.8	10
70	Improving Detection by Pediatric Residents of Endotracheal Tube Dislodgement with Capnography: A Randomized Controlled Trial. Journal of Pediatrics, 2012, 160, 1009-1014.e1.	1.8	9
71	Building consensus for the future of paediatric simulation: a novel  KJ Reverse-Merlin' methodology. BMJ Simulation and Technology Enhanced Learning, 2016, 2, 35-41.	0.7	9
72	The effect of an International competitive leaderboard on self-motivated simulation-based CPR practice among healthcare professionals: A randomized control trial. Resuscitation, 2019, 138, 273-281.	3.0	9

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73	A Qualitative Study Examining Stakeholder Perspectives of a Local Child Abuse Program in Community Emergency Departments. Academic Pediatrics, 2019, 19, 438-445.	2.0	9
74	Correlation Between Paramedic Disaster Triage Accuracy in Screen-Based Simulations and Immersive Simulations. Prehospital Emergency Care, 2019, 23, 83-89.	1.8	9
75	Implementing Faculty Development Programs. Simulation in Healthcare, 2020, 15, 5-6.	1.2	9
76	Exposure and confidence across critical airway procedures in pediatric emergency medicine: An international survey study. American Journal of Emergency Medicine, 2021, 42, 70-77.	1.6	9
77	Availability of Pediatric Emergency Care Coordinators in United States Emergency Departments. Journal of Pediatrics, 2021, 235, 163-169.e1.	1.8	9
78	Qualitative Study Exploring Implementation of a Point-of-Care Competency-Based Lumbar Puncture Program Across Institutions. Academic Pediatrics, 2016, 16, 621-629.	2.0	8
79	ACEP SimBox: A Pediatric Simulation-Based Training Innovation. Annals of Emergency Medicine, 2021, 78, 346-354.	0.6	8
80	Can Residents Assess Other Providers' Infant Lumbar Puncture Skills?. Pediatric Emergency Care, 2017, 33, 80-85.	0.9	8
81	Simulation-Based Procedural Skills Training in Pediatric Emergency Medicine. Clinical Pediatric Emergency Medicine, 2016, 17, 169-178.	0.4	7
82	Shoulder Dystocia and Neonatal Resuscitation: An Integrated Obstetrics and Neonatology Simulation Case for Medical Students. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2017, 13, 10594.	1.2	7
83	Oral injuries in children less than 24 months of age in a pediatric emergency department. Child Abuse and Neglect, 2019, 89, 70-77.	2.6	7
84	A Modified Delphi Study to Prioritize Content for a Simulationâ€based Pediatric Curriculum for Emergency Medicine Residency Training Programs. AEM Education and Training, 2020, 4, 369-378.	1.2	7
85	Development of a Child Abuse Checklist to Evaluate Prehospital Provider Performance. Prehospital Emergency Care, 2017, 21, 222-232.	1.8	6
86	A Research Agenda to Advance Pediatric Emergency Care Through Enhanced Collaboration Across Emergency Departments. Academic Emergency Medicine, 2018, 25, 1415-1426.	1.8	6
87	Using Simulation to Measure and Improve Pediatric Primary Care Offices Emergency Readiness. Simulation in Healthcare, 2020, 15, 172-192.	1.2	6
88	Stress as tool or toxin: physiologic markers and subjective report in neonatal simulation. Pediatric Research, 2020, 88, 784-791.	2.3	6
89	A Regional Intervention to Appoint Pediatric Emergency Care Coordinators in New England Emergency Departments. Pediatric Emergency Care, 2022, 38, 75-78.	0.9	6
90	A Comprehensive Infant Lumber Puncture Novice Procedural Skills Training Package: An INSPIRE Simulation-Based Procedural Skills Training Package. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	6

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91	New Technologies in Emergency Medical Services for Children. Clinical Pediatric Emergency Medicine, 2014, 15, 67-78.	0.4	5
92	Utilization of Exploration-Based Learning and Video-Assisted Learning to Teach GlideScope Videolaryngoscopy. Teaching and Learning in Medicine, 2014, 26, 285-291.	2.1	5
93	Script Concordance Testing to Determine Infant Lumbar Puncture Practice Variation. Pediatric Emergency Care, 2018, 34, 84-92.	0.9	5
94	EAST multicenter trial of simulation-based team training for pediatric trauma: Resuscitation task completion is highly variable during simulated traumatic brain injury resuscitation. American Journal of Surgery, 2020, 219, 1057-1064.	1.8	5
95	Exposure and Confidence With Critical Nonairway Procedures. Pediatric Emergency Care, 2021, 37, e551-e559.	0.9	5
96	Cost-effectiveness of a video game versus live simulation for disaster training. BMJ Simulation and Technology Enhanced Learning, 2020, 6, 268-273.	0.7	5
97	Respiratory Failure Caused by a Suspicious White Powder. Pediatric Emergency Care, 2012, 28, 918-920.	0.9	4
98	Technology-Enhanced Simulation Training for Pediatric Intubation. Clinical Pediatric Emergency Medicine, 2015, 16, 203-212.	0.4	4
99	Simulation to Improve Patient Safety in Pediatric Emergency Medicine. Clinical Pediatric Emergency Medicine, 2016, 17, 185-192.	0.4	4
100	Keeping Up With the Kids: Diffusion of Innovation in Pediatric Emergency Medicine Among Emergency Physicians. Academic Emergency Medicine, 2017, 24, 769-775.	1.8	4
101	Parents' Perspective on Trainees Performing Invasive Procedures. Pediatric Emergency Care, 2020, 36, e66-e71.	0.9	4
102	An International Interprofessional Study of Mental Models and Factors Delaying Neuroimaging of Critically Head-Injured Children Presenting to Emergency Departments. Pediatric Emergency Care, 2018, 34, 797-801.	0.9	4
103	A Randomized Single-Blinded Simulation-Based Trial of a Novel Method for Fluid Administration to a Septic Infant. Pediatric Emergency Care, 2021, 37, e313-e318.	0.9	4
104	How to Use TeleSimBox "Off the Shelf―to Connect Remote Content Experts With In-Person Simulation Participants. Cureus, 2021, 13, e16317.	0.5	4
105	Creation of a standardized pediatric emergency medicine simulation curriculum for emergency medicine residents. AEM Education and Training, 2021, 5, e10685.	1.2	4
106	Development and Validation of a Natural Language Processing Tool to Identify Injuries in Infants Associated With Abuse. Academic Pediatrics, 2022, 22, 981-988.	2.0	4
107	Board 129 - Program Innovations Abstract The International Network for Simulation-aBsed Pediatric Innovation, Research and Education (INSPIRE). Simulation in Healthcare, 2013, 8, 418.	1.2	3
108	Is a haptic simulation interface more effective than computer mouse-based interface for neonatal intubation skills training?. BMJ Simulation and Technology Enhanced Learning, 2015, 1, 5-11.	0.7	3

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109	A Qualitative Study of Multidisciplinary Providers' Experiences With the Transfer Process for Injured Children and Ideas for Improvement. Pediatric Emergency Care, 2018, 34, 125-131.	0.9	3
110	Simulation-based research to improve infant health outcomes: Using the infant simulator to prevent infant shaking., 2019, 56, 101263.		3
111	GPS Devices in a Simulated Mass Casualty Event. Prehospital Emergency Care, 2019, 23, 290-295.	1.8	3
112	Pediatric Emergency Medicine ECHO (Extension for Community Health Care Outcomes): Cultivating Connections to Improve Pediatric Emergency Care. AEM Education and Training, 2021, 5, e10548.	1.2	3
113	The Implementation of a Collaborative Pediatric Telesimulation Intervention in Rural Critical Access Hospitals. AEM Education and Training, 2021, 5, e10558.	1.2	3
114	Implementing Family Presence During Pediatric Resuscitations in the Emergency Department: Family-Centered Care and Trauma-Informed Care Best Practices. Journal of Emergency Nursing, 2021, 47, 689-692.	1.0	3
115	Infant Lumbar Puncture: POISE Pediatric Procedure Video. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	3
116	Highlighting Instructional Design Features in Reporting Guidelines for Health Care Simulation Research. Simulation in Healthcare, 2016, 11, 363-364.	1,2	2
117	Screening residents for infant lumbar puncture readiness with just-in-time simulation-based assessments. BMJ Simulation and Technology Enhanced Learning, 2017, 3, 17-22.	0.7	2
118	National Pediatric Readiness Project: Making a Difference Through Collaboration, Simulation, and Measurement of the Quality of Pediatric Emergency Care. Clinical Pediatric Emergency Medicine, 2018, 19, 233-242.	0.4	2
119	Pediatric Emergency Medicine Curricula for Emergency Medicine Residents. AEM Education and Training, 2021, 5, 147-148.	1.2	2
120	Improving the Care of Abused Children Presenting to Community Emergency Departments: The Evolving Landscape. Academic Pediatrics, 2021, 21, 221-222.	2.0	2
121	Improving Capnography Use for Critically III Emergency Patients. Journal of Patient Safety, 2020, Publish Ahead of Print, .	1.7	2
122	All clinical stressors are not created equal: Differential task stress in a simulated clinical environment. AEM Education and Training, 2022, 6, e10726.	1.2	2
123	Point-of-Care Ultrasound Curriculum for Endotracheal Tube Confirmation for Pediatric Critical Care Transport Team Through Remote Learning and Teleguidance. Air Medical Journal, 2022, 41, 222-227.	0.6	2
124	Modified Delphi Method Derivation of the FAMILY (Family Assessment of Medical Interventions & ETQq0	0 0 rgBT /	Overlock 10
125	A tabletop school bus rollover: Connecticut-wide drills to build pediatric disaster preparedness and promote a novel hospital disaster readiness checklist. American Journal of Disaster Medicine, 2019, 14, 75-87.	0.3	1
126	Improving Emergency Preparedness in Pediatric Primary Care Offices: A Simulation-Based Interventional Study. Academic Pediatrics, 2022, , .	2.0	1

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127	Emergency Medical Services Provider Acceptance of and Attitudes About Pediatric SimBox Simulations. Pediatric Emergency Care, 2022, 38, e1655-e1659.	0.9	1
128	Pediatric Emergency Medicine Didactics and Simulation (PEMDAS) Telesimulation Series: Hyperleukocytosis. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2021, 17, 11205.	1.2	1
129	Board 442 - Research Abstract Infant Lumbar Punctures Success Rates Reported by Upper Level Residents (Submission #459). Simulation in Healthcare, 2013, 8, 605.	1.2	О
130	Board 398 - Research Abstract Working through Barriers to Simulation-Based Just-In-Time Training and Competency Assessments for Infant Lumbar Punctures (Submission #282). Simulation in Healthcare, 2013, 8, 377.	1.2	0
131	Bridging the language gap for simulation resources. BMJ Simulation and Technology Enhanced Learning, 2021, 7, bmjstel-2020-000764.	0.7	0
132	Pediatric Rattlesnake Envenomation: A Simulation Scenario With Optional Health Equity, Virtual Facilitation, and Senior Learner Modifications. Cureus, 2021, 13, e18106.	0.5	0
133	Sexual Assault in an Adolescent Female: A Pediatric Simulation Case for Emergency Medicine Providers. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2020, 16, 10942.	1.2	0
134	Simulation for Infant Lumbar Puncture Training. , 2021, , .		0
135	Improving Pediatric Acute Care Through Simulation (ImPACTS): A Scalable Model for Academic-Community Collaboration. Academic Medicine, 2021, 96, 1625-1625.	1.6	0