

Guillaume Alinier

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

2,390
citations

394421

19
h-index

233421

45
g-index

150
all docs

150
docs citations

150
times ranked

1432
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of intermediate-fidelity simulation training technology in undergraduate nursing education. <i>Journal of Advanced Nursing</i> , 2006, 54, 359-369.	3.3	371
2	Healthcare Simulation Standards of Best Practice™ Simulation Design. <i>Clinical Simulation in Nursing</i> , 2021, 58, 14-21.	3.0	197
3	Determining the value of simulation in nurse education: study design and initial results. <i>Nurse Education in Practice</i> , 2004, 4, 200-207.	2.6	158
4	A typology of educationally focused medical simulation tools. <i>Medical Teacher</i> , 2007, 29, e243-e250.	1.8	155
5	Standards of Best Practice: Simulation Standard IX: Simulation Design. <i>Clinical Simulation in Nursing</i> , 2015, 11, 309-315.	3.0	129
6	Healthcare Simulation Standards of Best Practice™ The Debriefing Process. <i>Clinical Simulation in Nursing</i> , 2021, 58, 27-32.	3.0	126
7	Nursing students'™ and lecturers'™ perspectives of objective structured clinical examination incorporating simulation. <i>Nurse Education Today</i> , 2003, 23, 419-426.	3.3	121
8	A Call to Unify Definitions of Virtual Reality. <i>Clinical Simulation in Nursing</i> , 2019, 31, 28-34.	3.0	121
9	Redefining Simulation Fidelity for Healthcare Education. <i>Simulation and Gaming</i> , 2015, 46, 159-174.	1.9	111
10	Setting Conditions for Productive Debriefing. <i>Simulation and Gaming</i> , 2015, 46, 197-208.	1.9	56
11	Immersive Clinical Simulation in Undergraduate Health Care Interprofessional Education: Knowledge and Perceptions. <i>Clinical Simulation in Nursing</i> , 2014, 10, e205-e216.	3.0	55
12	Position Paper on Global Extracorporeal Membrane Oxygenation Education and Educational Agenda for the Future: A Statement From the Extracorporeal Life Support Organization ECMOed Taskforce*. <i>Critical Care Medicine</i> , 2020, 48, 406-414.	0.9	43
13	International overview of high-level simulation education initiatives in relation to critical care. <i>Nursing in Critical Care</i> , 2014, 19, 42-49.	2.3	37
14	ECG Signal Reconstruction on the IoT-Gateway and Efficacy of Compressive Sensing Under Real-Time Constraints. <i>IEEE Access</i> , 2018, 6, 69130-69140.	4.2	30
15	Addressing the challenges of ECMO simulation. <i>Perfusion (United Kingdom)</i> , 2018, 33, 568-576.	1.0	28
16	Real-Time Communication Network Using Firebase Cloud IoT Platform for ECMO Simulation. , 2017, , .		27
17	Cardiopulmonary resuscitation of out-of-hospital traumatic cardiac arrest in Qatar: A nationwide population-based study. <i>International Journal of Cardiology</i> , 2017, 240, 438-443.	1.7	23
18	A Path to Better Healthcare Simulation Systems. <i>Simulation in Healthcare</i> , 2011, 6, S20-S23.	1.2	21

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19	Pocket Book for Simulation Debriefing in Healthcare. , 2018, , .		21
20	12-Lead ECG training: The way forward. Nurse Education Today, 2006, 26, 87-92.	3.3	20
21	Epidemiology and outcomes of out-of-hospital cardiac arrest in Qatar: A nationwide observational study. International Journal of Cardiology, 2016, 223, 1007-1013.	1.7	20
22	Clinical handover between paramedics and emergency department staff: SBAR and IMIST-AMBO acronyms. International Paramedic Practice, 2016, 6, 37-44.	0.1	19
23	Revolutionizing ECMO simulation with affordable yet high-Fidelity technology. American Journal of Emergency Medicine, 2018, 36, 1310-1312.	1.6	19
24	Extracorporeal membrane oxygenation simulation-based training: methods, drawbacks and a novel solution. Perfusion (United Kingdom), 2019, 34, 183-194.	1.0	18
25	Opening of an Enhancing Trainees' Learning Experiences through the Advanced Multiprofessional Simulation Training Facility at the University of Hertfordshire. British Journal of Anaesthetic and Recovery Nursing, 2007, 8, 22.	0.0	17
26	Simulation-based education: deceiving learners with good intent. Advances in Simulation, 2022, 7, 8.	2.3	16
27	Supporting Students' Learning Experiences through a Pocket Size Cue Card Designed around a Reflective Simulation Framework. Clinical Simulation in Nursing, 2015, 11, 325-334.	3.0	14
28	Crisis Resource Management in emergency medical settings in Qatar. International Paramedic Practice, 2017, 7, 18-23.	0.1	14
29	Using thermochromism to simulate blood oxygenation in extracorporeal membrane oxygenation. Perfusion (United Kingdom), 2019, 34, 106-115.	1.0	13
30	Transport and Retrieval on Extracorporeal Membrane Oxygenation (ECMO): Setup and Activities of an Immersive Transport and Retrieval on ECMO Workshop. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1603-1610.	1.3	12
31	Developing cost-effective simulators for patient management: A modular approach. , 2017, , .		11
32	Design and implementation of a modular ECMO simulator. Qatar Medical Journal, 2017, 2017, .	0.5	11
33	Development and design of objective structured clinical examinations (OSCE) in undergraduate pharmacy education in a new School of Pharmacy in England. Currents in Pharmacy Teaching and Learning, 2011, 3, 216-223.	1.0	10
34	An integrated ABCDE approach to managing medical emergencies using CRM principles. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2014, 6, 620-625.	0.1	10
35	Using thermochromic ink for medical simulations. Qatar Medical Journal, 2017, 2017, 63.	0.5	9
36	Skills benefits of advanced simulation training. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2009, 1, 369-375.	0.1	8

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37	Ambulance service operational improvement. <i>International Paramedic Practice</i> , 2013, 3, 61-63.	0.1	8
38	Enhancing Clinical Learning Through an Innovative Instructor Application for ECMO Patient Simulators. <i>Simulation and Gaming</i> , 2018, 49, 497-514.	1.9	8
39	A model to embed clinical simulation training during ambulance shift work. <i>International Paramedic Practice</i> , 2013, 3, 35-40.	0.1	7
40	Can simulation improve ECMO care?. <i>Qatar Medical Journal</i> , 2017, 2017, .	0.5	7
41	A guide to setting up a simulation training unit within an ambulance trust. <i>Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals</i> , 2010, 2, 314-320.	0.1	6
42	Crisis resource management in relation to empowering people to speak up in emergency medical service clinical practice settings. <i>Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals</i> , 2017, 9, 60-65.	0.1	6
43	CouchDB Based Real-Time Wireless Communication System for Clinical Simulation. , 2018, , .		6
44	Educational Foundations of Instructional Design Applied to Simulation-Based Education. , 2019, , 185-206.		6
45	A form of mental simulation with significant enhancements enabling teamwork training. , 2021, 1, 56-60.		6
46	Hazardous material and chemical, biological, radiological, and nuclear incident readiness among prehospital care professionals in the State of Qatar. <i>Global Security: Health, Science and Policy</i> , 2022, 7, 24-36.	1.6	6
47	Simplifying simulated practice for healthcare professionals and educators. <i>Journal of Emergency Medicine, Trauma and Acute Care</i> , 2016, 2016, .	0.1	5
48	A skills acquisition study on ECMOjo: a screen-based simulator for extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2020, 35, 110-116.	1.0	5
49	Implementation of a drive-through testing clinic in Qatar for residents having recently returned from a country with a COVID-19 travel warning. <i>Qatar Medical Journal</i> , 2021, 2020, 42.	0.5	5
50	Efficacy and safety of the second in-hospital dose of tranexamic acid after receiving the prehospital dose: double-blind randomized controlled clinical trial in a level 1 trauma center. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 3089-3099.	1.7	5
51	Helicopter EMS and rapid transport for ST-elevation myocardial infarction: The HEARTS study. <i>Journal of Emergency Medicine, Trauma and Acute Care</i> , 2017, 2017, .	0.1	4
52	Cost-Effective Extracorporeal Membrane Oxygenation Simulation. <i>Journal of Cardiac Critical Care TSS</i> , 2018, 02, 005-009.	0.1	4
53	Ethnic differences in out-of-hospital cardiac arrest among Middle Eastern Arabs and North African populations living in Qatar. <i>Ethnicity and Health</i> , 2021, 26, 460-469.	2.5	4
54	Hazardous materials and CBRN incidents: Fundamentals of pre-hospital readiness in the State of Qatar. <i>Journal of Emergency Medicine, Trauma and Acute Care</i> , 2021, 2021, .	0.1	4

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55	The Patient Simulation Suite. , 2008, , 261-265.		4
56	Virtual reality for ambulance simulation environment. Multimedia Tools and Applications, 2022, 81, 32119-32137.	3.9	4
57	Reflective Simulation: Enhancing the studentâ€™ learning experiences through structure and guidance. Simulation in Healthcare, 2006, 1, 98.	1.2	3
58	Learning Through Play. , 2008, , 745-749.		3
59	The ECMO specialistâ€™s role in troubleshooting ECMO emergencies. Egyptian Journal of Critical Care Medicine, 2018, 6, 91-93.	0.4	3
60	Creating Effective Learning Environments: The Educatorâ€™s Perspective. , 2019, , 217-227.		3
61	Learning Through Play. , 2019, , 157-169.		3
62	Simulation Audio/Video Requirements and Working with Audio/Video Installation Professionals. , 2008, , 729-736.		3
63	Simulation on a Low Budget. , 2019, , 667-689.		3
64	Fuzzy Identification-Based Encryption for healthcare user face authentication. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	3
65	Recommendations to improve young and novice driver safety in the State of Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	3
66	Accredited University Module for clinical simulation facilitators at the University of Hertfordshire.. Simulation in Healthcare, 2006, 1, 197.	1.2	2
67	Development of a new multi-professional clinical simulation centre at the University of Hertfordshire.. Simulation in Healthcare, 2006, 1, 198.	1.2	2
68	Qatar welcomes the Extracorporeal Life Support Organisation of the South and West Asia Chapter 2017 Conference. Qatar Medical Journal, 2017, 2017, 1.	0.5	2
69	ECMO transport simulation. Qatar Medical Journal, 2017, 2017, 60.	0.5	2
70	The Simulation Professional. , 2008, , 507-511.		2
71	Pitfalls to Avoid in Designing and Executing Research with Clinical Simulation. , 2008, , 515-516.		2
72	Prehospital conversion of paroxysmal supraventricular tachycardia using the modified Valsalva maneuver: A case report. Qatar Medical Journal, 2020, 2020, 33.	0.5	2

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73	Assessing Learning Outcomes in Extracorporeal Membrane Oxygenation Simulations With a Novel Simulator and Instructor Application. IEEE Transactions on Learning Technologies, 2021, 14, 568-575.	3.2	2
74	Paramedic adult pain assessment: pilot study. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2021, 13, 507-513.	0.1	2
75	An investigation into the use of simulation and clinical skills training in the students'™ preparation for practice. Simulation in Healthcare, 2006, 1, 97.	1.2	1
76	The growing trend of simulation as a form of clinical education: a global perspective. International Paramedic Practice, 2011, 1, 58-62.	0.1	1
77	Board #200 - Program Innovation Development of a Multi-disciplinary Simulation-based Training Course for the Safe High Acuity Adult Retrieval Programme (SHAARP) (Submission #9978). Simulation in Healthcare, 2014, 9, 439.	1.2	1
78	Encouraging a driving safety culture through positive peer pressure with courtesy. Journal of Local and Global Health Science, 2015, 2015, .	0.2	1
79	ECMO simulation and beyond. Qatar Medical Journal, 2017, 2017, 59.	0.5	1
80	Towards the design and implementation of a human circulatory system for Extracorporeal Membrane Oxygenation simulation. Egyptian Journal of Critical Care Medicine, 2018, 6, 87-89.	0.4	1
81	Preliminary Implementation of the Next Generation Cannulation Simulator. , 2019, , .		1
82	An Efficient Compressive Sensing Method for Connected Health Applications. Advances in Intelligent Systems and Computing, 2019, , 365-373.	0.6	1
83	Access to Emergency Health Care. , 0, , .		1
84	How to Run a Debriefing?. , 2018, , 35-56.		1
85	Validation of the pre-hospital Qatar Early Warning Score (QEWS) to determine transport priority. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	1
86	Qatar Health 2021: An online conference to prepare for a mass gathering sporting event while still addressing the pandemic. Journal of Emergency Medicine, Trauma and Acute Care, 2021, 2021, .	0.1	1
87	Safety of transport and retrieval of patients on extracorporeal membrane oxygenation during the peak of COVID-19 pandemic in the State of Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2021, 2021, .	0.1	1
88	Cybersecurity for next generation healthcare in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2021, 2021, .	0.1	1
89	Prosperous Simulation Under an Institution's Threadbare Financial Blanket. , 2008, , 491-493.		1
90	All-in-one-room Schoolhouse. , 2008, , 239-242.		1

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91	Professional Stage Craft. , 2008, , 701-712.		1
92	Basing a Nonclinician's Career upon Simulation. , 2008, , 53-57.		1
93	Questionnaire Design and Use. , 2008, , 677-679.		1
94	Initial results from a driving safety survey distributed to ambulance paramedics in Qatar. Journal of Local and Global Health Science, 2015, 2015, .	0.2	1
95	Train-the-Trainers: Creating Simulation Educators. , 2019, , 857-864.		1
96	Critical Care Network in the State of Qatar. Qatar Medical Journal, 2020, 2019, 2.	0.5	1
97	The inaugural Qatar Critical Care Conference with its Qatar Medical Journal Special Issue "An important milestone. Qatar Medical Journal, 2020, 2019, 1.	0.5	1
98	Medical resources deployed for the 2019 World Athletics Championships in Doha, Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	1
99	Impact of Ramadan on patient visits by a Mobile Healthcare Service in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	1
100	Knowledge, attitude, and practice of paramedics in Qatar regarding the use of personal protective equipment against COVID-19. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	1
101	The level of stress experienced by Hamad Medical Corporation Paramedics before and during the COVID-19 Pandemic. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	1
102	Qatar Health 2022: Preparing for the 2022 World Cup and the response to pandemics in Qatar " a multidisciplinary team approach. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	1
103	42 Updates to the International Nursing Association for Clinical Simulation and Learning Simulation Debriefing Standard of Best Practice. , 0, , .		1
104	A Testbed Implementation of a Biometric Identity-Based Encryption for IoMT-enabled Healthcare System. , 2021, , .		1
105	Use of Simulation in Nursing Education: Initial Experiences on a European Union Lifelong Learning Programme - Leonardo da Vinci Project. Journal of Curriculum and Teaching, 2012, 2, .	0.3	0
106	Qatar ambulance service and Hamad General Hospital Emergency Department staff's perception of current patient handover practice. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	0
107	Raising awareness about driving safety in an ambulance service. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	0
108	Optimising the patient compartment design of ambulances in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	0

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109	Sustainment of a weekly OSCE with new staff in an Ambulance Paramedic Training Department. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	0
110	A report on the International Conference in Emergency Medicine and Public Health: Qatar 2016. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2017, 9, 98-101.	0.1	0
111	â€˜Clashâ€™™ of Brexit!. International Paramedic Practice, 2019, 9, 27-27.	0.1	0
112	Simulation Facility Design 101: The Basics. , 2019, , 571-593.		0
113	The One-Room Schoolhouse for Simulation. , 2019, , 613-621.		0
114	The One-Room Schoolhouse: A Practical Example. , 2019, , 623-630.		0
115	Second Emergency Medicine Congress in Byblos, Lebanon. International Paramedic Practice, 2019, 9, 50-52.	0.1	0
116	Simulation for Clinical Skills in Healthcare Education. , 2021, , 1-21.		0
117	An untested approach to facilitating visually enhanced mental simulation online with multiple learners: A mini guide. Journal of Emergency Medicine, Trauma and Acute Care, 2021, 2021, .	0.1	0
118	Using virtual reality to allow paramedics to familiarise themselves with a new ambulance patient compartment design. Journal of Emergency Medicine, Trauma and Acute Care, 2021, 2021, .	0.1	0
119	Push for technology enhanced learningâ€¦ with what you can afford. International Paramedic Practice, 2012, 2, 69-70.	0.1	0
120	Collecting information from the scene of a motor vehicle collision: The mechanism of injury. Journal of Local and Global Health Science, 2015, 2015, .	0.2	0
121	One year exploring Qatar's ambulance service: Views from an Emergency Medicine Fellow. Journal of Emergency Medicine, Trauma and Acute Care, 2016, 2016, .	0.1	0
122	General Advice and Specific Issues. , 2018, , 57-74.		0
123	Introduction to Debriefing. , 2018, , 1-33.		0
124	My Personal Diary of Debriefing Experiences. , 2018, , 75-103.		0
125	Roles and Functions in a Simulation Center. , 2019, , 839-845.		0
126	A systematic review of stability of medicines used in emergency medical service settings. Journal of Emergency Medicine, Trauma and Acute Care, 2020, 2020, .	0.1	0

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127	Pre-hospital management of major incidents in Qatar: challenges and solutions. Journal of Emergency Medicine, Trauma and Acute Care, 2020, 2020, .	0.1	0
128	Towards next generation cannulation simulators. Qatar Medical Journal, 2020, 2019, .	0.5	0
129	Evaluation of the impact of "Act FAST"™ stroke awareness campaign on calls to Emergency Medical Services and ambulance dispatches in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2020, 2020, .	0.1	0
130	Qatar Health 2020: A global conference setting the tone to host one of the most popular sporting competitions in the world. Journal of Emergency Medicine, Trauma and Acute Care, 2020, 2020, .	0.1	0
131	Children as a vulnerable group in mass gathering. Journal of Emergency Medicine, Trauma and Acute Care, 2020, 2020, .	0.1	0
132	Thermal Stability of 0.9% Sodium Chloride IV Fluid exposed to Short- and Long-Term Extreme Conditions. , 2020, , .		0
133	Sudden Cardiac Arrest in Football. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
134	Coping strategies adopted by Hamad Medical Corporation Paramedics before and during the COVID-19 Pandemic. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
135	Community delivered outpatient parenteral antimicrobial therapy in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
136	Intravenous fluids in hot pre-hospital environments: Thermal and physical stability of normal saline after exposure to simulated stress conditions. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
137	Monitoring temperature and humidity in ambulance service rapid-response vehicles and paramedics medication bags: A pilot study. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
138	Gauging the impact of Pediatric education on Paramedics's™ knowledge. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
139	Approaches that promote clinical reasoning in clinical and simulation-based practice settings. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
140	ASPIH 2021 Conference - Moving Upstream: Using simulation to improve systems. , 0, , .		0
141	Impact of ethnicity on Paramedic perceived work-related stress and coping strategies adopted before and during the COVID-19 pandemic. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
142	Qatar Ambulance Service staff's perception on the Quality-of-Service delivery to patients. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
143	An Ambulance Service evaluation of Quality Control Measures based on patients's™ perception in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
144	A protocol to investigate the stability of 0.9% sodium chloride IV fluid bags in the prehospital setting of Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0

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145	Scoping review of Cardiac Troponin Test in the Prehospital Management of Non-ST-Elevation Myocardial Infarction in Qatar. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
146	Development of a protocol to investigate the stability of drugs used by Qatar's National Ambulance Service in rapid response vehicles. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	0
147	144 Simulation Without the Bells and Whistles of Technology. , 0, , .		0
148	Considerations on out-of-hospital pain assessment of a diverse population. International Paramedic Practice, 2021, 11, 99-102.	0.1	0