

Mohamud R Daya

List of Publications by Year in descending order

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105
papers

5,610
citations

117625

34
h-index

79698

73
g-index

105
all docs

105
docs citations

105
times ranked

5030
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology and Outcomes From Out-of-Hospital Cardiac Arrest in Children. <i>Circulation</i> , 2009, 119, 1484-1491.	1.6	628
2	Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). <i>Resuscitation</i> , 2015, 91, 108-115.	3.0	388
3	Relationship Between Chest Compression Rates and Outcomes From Cardiac Arrest. <i>Circulation</i> , 2012, 125, 3004-3012.	1.6	336
4	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2016, 374, 1711-1722.	27.0	329
5	Effect of a Strategy of Initial Laryngeal Tube Insertion vs Endotracheal Intubation on 72-Hour Survival in Adults With Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 769.	7.4	274
6	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 840-848.	0.9	270
7	Early versus Later Rhythm Analysis in Patients with Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2011, 365, 787-797.	27.0	235
8	A Trial of an Impedance Threshold Device in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2011, 365, 798-806.	27.0	190
9	Unchanged pediatric out-of-hospital cardiac arrest incidence and survival rates with regional variation in North America. <i>Resuscitation</i> , 2016, 107, 121-128.	3.0	160
10	Early coronary angiography and induced hypothermia are associated with survival and functional recovery after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 657-663.	3.0	157
11	Quantitative relationship between end-tidal carbon dioxide and CPR quality during both in-hospital and out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015, 89, 149-154.	3.0	144
12	A Descriptive Analysis of Emergency Medical Service Systems Participating in the Resuscitation Outcomes Consortium (ROC) Network. <i>Prehospital Emergency Care</i> , 2007, 11, 369-382.	1.8	141
13	Demographic, Belief, and Situational Factors Influencing the Decision to Utilize Emergency Medical Services Among Chest Pain Patients. <i>Circulation</i> , 2000, 102, 173-178.	1.6	123
14	Time to Epinephrine Administration and Survival From Nonshockable Out-of-Hospital Cardiac Arrest Among Children and Adults. <i>Circulation</i> , 2018, 137, 2032-2040.	1.6	122
15	Prognostic Factors in Patients with Methanol Poisoning. <i>Journal of Toxicology: Clinical Toxicology</i> , 1998, 36, 175-181.	1.5	116
16	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality – A report from the ROC epistry-cardiac arrest. <i>Resuscitation</i> , 2015, 93, 150-157.	3.0	96
17	Evaluating Age in the Field Triage of Injured Persons. <i>Annals of Emergency Medicine</i> , 2012, 60, 335-345.	0.6	91
18	Prospective Validation of the National Field Triage Guidelines for Identifying Seriously Injured Persons. <i>Journal of the American College of Surgeons</i> , 2016, 222, 146-158e2.	0.5	87

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19	Comparison of supraglottic airway versus endotracheal intubation for the pre-hospital treatment of out-of-hospital cardiac arrest. <i>Critical Care</i> , 2011, 15, R236.	5.8	85
20	Sensitivity, Specificity, and Sex Differences in Symptoms Reported on the 13-item Acute Coronary Syndrome Checklist. <i>Journal of the American Heart Association</i> , 2014, 3, e000586.	3.7	84
21	Cardiopulmonary Resuscitation Training Disparities in the United States. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	79
22	International variation in survival after out-of-hospital cardiac arrest: A validation study of the Utstein template. <i>Resuscitation</i> , 2019, 138, 168-181.	3.0	77
23	Out-of-Hospital Decision Making and Factors Influencing the Regional Distribution of Injured Patients in a Trauma System. <i>Journal of Trauma</i> , 2011, 70, 1345-1353.	2.3	71
24	Electronic Versus Manual Data Processing: Evaluating the Use of Electronic Health Records in Out-of-hospital Clinical Research. <i>Academic Emergency Medicine</i> , 2012, 19, 217-227.	1.8	63
25	Apples to apples or apples to oranges? International variation in reporting of process and outcome of care for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1599-1609.	3.0	63
26	Resuscitation Outcomes Consortium's Amiodarone, Lidocaine or Placebo Study (ROC-ALPS): Rationale and methodology behind an out-of-hospital cardiac arrest antiarrhythmic drug trial. <i>American Heart Journal</i> , 2014, 167, 653-659.e4.	2.7	53
27	Survival After Intravenous Versus Intraosseous Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Shock-Refractory Cardiac Arrest. <i>Circulation</i> , 2020, 141, 188-198.	1.6	53
28	A comparison of pediatric airway management techniques during out-of-hospital cardiac arrest using the CARES database. <i>Resuscitation</i> , 2017, 120, 51-56.	3.0	52
29	Survival in out-of-hospital cardiac arrests with initial asystole or pulseless electrical activity and subsequent shockable rhythms. <i>Resuscitation</i> , 2013, 84, 1261-1266.	3.0	46
30	Design and implementation of the Resuscitation Outcomes Consortium Pragmatic Airway Resuscitation Trial (PART). <i>Resuscitation</i> , 2016, 101, 57-64.	3.0	45
31	Resuscitation Outcomes Consortium (ROC) PRIMED cardiac arrest trial methods. <i>Resuscitation</i> , 2008, 78, 186-195.	3.0	44
32	Subsequent ventricular fibrillation and survival in out-of-hospital cardiac arrests presenting with PEA or asystole. <i>Resuscitation</i> , 2008, 79, 34-40.	3.0	40
33	Prehospital Airway Management: A Systematic Review. <i>Prehospital Emergency Care</i> , 2022, 26, 716-727.	1.8	39
34	Impact of the number of on-scene emergency life-saving technicians and outcomes from out-of-hospital cardiac arrest in Osaka City. <i>Resuscitation</i> , 2014, 85, 59-64.	3.0	37
35	Reliability and accuracy of the thoracic impedance signal for measuring cardiopulmonary resuscitation quality metrics. <i>Resuscitation</i> , 2015, 88, 28-34.	3.0	37
36	Circulation detection using the electrocardiogram and the thoracic impedance acquired by defibrillation pads. <i>Resuscitation</i> , 2016, 99, 56-62.	3.0	35

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37	Influence of chest compression artefact on capnogram-based ventilation detection during out-of-hospital cardiopulmonary resuscitation. <i>Resuscitation</i> , 2018, 124, 63-68.	3.0	33
38	Massive strychnine intoxication: Serial blood levels in a fatal case. <i>Journal of Toxicology: Clinical Toxicology</i> , 1992, 30, 269-283.	1.5	32
39	Variation in Bystander Cardiopulmonary Resuscitation Delivery and Subsequent Survival From Out-of-Hospital Cardiac Arrest Based on Neighborhood-Level Ethnic Characteristics. <i>Circulation</i> , 2020, 141, 34-41.	1.6	32
40	Fatal Sodium Nitrite Poisoning: Key Considerations for Prehospital Providers. <i>Prehospital Emergency Care</i> , 2021, 25, 844-850.	1.8	30
41	Feasibility of the capnogram to monitor ventilation rate during cardiopulmonary resuscitation. <i>Resuscitation</i> , 2017, 110, 162-168.	3.0	29
42	ECG-based pulse detection during cardiac arrest using random forest classifier. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 453-462.	2.8	28
43	Symptom clusters in patients presenting to the emergency department with possible acute coronary syndrome differ by sex, age, and discharge diagnosis. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2015, 44, 368-375.	1.6	27
44	Improvements in Out-of-Hospital Cardiac Arrest Survival from 1998 to 2013. <i>Prehospital Emergency Care</i> , 2017, 21, 616-627.	1.8	27
45	Methanol-Related Deaths in Ontario. <i>Journal of Toxicology: Clinical Toxicology</i> , 1999, 37, 69-73.	1.5	26
46	Antiarrhythmic Drugs for Nonshockable-Turned-Shockable Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2017, 136, 2119-2131.	1.6	26
47	Variability in the initiation of resuscitation attempts by emergency medical services personnel during out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 117, 102-108.	3.0	24
48	Pulmonary Disease from Biological Agents: Anthrax, Plague, Q Fever, and Tularemia. <i>Critical Care Clinics</i> , 2005, 21, 747-763.	2.6	23
49	A review of ventilation in adult out-of-hospital cardiac arrest. <i>Journal of the American College of Emergency Physicians Open</i> , 2020, 1, 190-201.	0.7	22
50	Cost-Effectiveness of Field Trauma Triage among Injured Adults Served by Emergency Medical Services. <i>Journal of the American College of Surgeons</i> , 2016, 222, 1125-1137.	0.5	21
51	Role of Guideline Adherence in Improving Field Triage. <i>Prehospital Emergency Care</i> , 2017, 21, 545-555.	1.8	20
52	Variation in the Type, Rate, and Selection of Patients for Out-of-hospital Airway Procedures Among Injured Children and Adults. <i>Academic Emergency Medicine</i> , 2009, 16, 1269-1276.	1.8	19
53	Outcomes With the Use of Bag-Valve-Mask Ventilation During Out-of-hospital Cardiac Arrest in the Pragmatic Airway Resuscitation Trial. <i>Academic Emergency Medicine</i> , 2020, 27, 366-374.	1.8	19
54	Accuracy of arrhythmia recognition in paramedic treatment of paroxysmal supraventricular tachycardia: A ten-year review. <i>Prehospital Emergency Care</i> , 2004, 8, 166-170.	1.8	16

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55	Post-resuscitation care for survivors of cardiac arrest. Indian Heart Journal, 2014, 66, S105-S112.	0.5	16
56	Airway insertion first pass success and patient outcomes in adult out-of-hospital cardiac arrest: The Pragmatic Airway Resuscitation Trial. Resuscitation, 2021, 158, 151-156.	3.0	14
57	Prehospital Cardiac Arrest Airway Management: An NAEMSP Position Statement and Resource Document. Prehospital Emergency Care, 2022, 26, 54-63.	1.8	13
58	Can thoracic impedance monitor the depth of chest compressions during out-of-hospital cardiopulmonary resuscitation?. Resuscitation, 2014, 85, 637-643.	3.0	12
59	Value of capnography to predict defibrillation success in out-of-hospital cardiac arrest. Resuscitation, 2019, 138, 74-81.	3.0	12
60	Out-of-hospital Circulatory Measures to Identify Patients With Serious Injury: A Systematic Review. Academic Emergency Medicine, 2020, 27, 1323-1339.	1.8	11
61	Enhancing ventilation detection during cardiopulmonary resuscitation by filtering chest compression artifact from the capnography waveform. PLoS ONE, 2018, 13, e0201565.	2.5	10
62	Relationship Between Duration of Targeted Temperature Management, Ischemic Interval, and Good Functional Outcome From Out-of-Hospital Cardiac Arrest. Critical Care Medicine, 2020, 48, 370-377.	0.9	10
63	Enhancement of capnogram waveform in the presence of chest compression artefact during cardiopulmonary resuscitation. Resuscitation, 2018, 133, 53-58.	3.0	9
64	Effect of initial airway strategy on time to epinephrine administration in patients with out-of-hospital cardiac arrest. Resuscitation, 2019, 139, 314-320.	3.0	9
65	Prospective evaluation of airway management in pediatric out-of-hospital cardiac arrest. Resuscitation, 2020, 156, 53-60.	3.0	9
66	Accuracy of Arrhythmia Recognition in Paramedic Treatment of Pseudoventricular Tachycardia: A Ten-Year Review. Prehospital Emergency Care, 2004, 8, 166-170.	1.8	8
67	Bayesian Analysis of the Pragmatic Airway Resuscitation Trial. Annals of Emergency Medicine, 2019, 74, 809-817.	0.6	8
68	CPR compression strategy 30:2 is difficult to adhere to, but has better survival than continuous chest compressions when done correctly. Resuscitation, 2021, 165, 31-37.	3.0	8
69	Temporal Trends in Outcomes after Out-of-Hospital Cardiac Arrests Witnessed by Emergency Medical Services in Japan: A Population-Based Study. Prehospital Emergency Care, 2016, 20, 477-484.	1.8	7
70	Impact of comorbidities by age on symptom presentation for suspected acute coronary syndromes in the emergency department. European Journal of Cardiovascular Nursing, 2017, 16, 511-521.	0.9	7
71	A Machine Learning Framework for Pulse Detection During Out-of-Hospital Cardiac Arrest. IEEE Access, 2020, 8, 161031-161041.	4.2	7
72	Community lessons to understand resuscitation excellence (culture): Association between emergency medical services (EMS) culture and outcome after out-of-hospital cardiac arrest. Resuscitation, 2020, 156, 202-209.	3.0	7

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73	Out-of-hospital Respiratory Measures to Identify Patients With Serious Injury: A Systematic Review. Academic Emergency Medicine, 2020, 27, 1312-1322.	1.8	7
74	Association of Advanced Airway Insertion Timing and Outcomes After Out-of-Hospital Cardiac Arrest. Annals of Emergency Medicine, 2022, 79, 118-131.	0.6	7
75	Compression depth measured by accelerometer vs. outcome in patients with out-of-hospital cardiac arrest. Resuscitation, 2021, 167, 95-104.	3.0	7
76	ExacTech Blood Glucose Meter Clinical Trial. Prehospital and Disaster Medicine, 1993, 8, 217-227.	1.3	6
77	Public health surveillance of automated external defibrillators in the USA: protocol for the dynamic automated external defibrillator registry study. BMJ Open, 2017, 7, e014902.	1.9	6
78	Monitoring chest compression quality during cardiopulmonary resuscitation: Proof-of-concept of a single accelerometer-based feedback algorithm. PLoS ONE, 2018, 13, e0192810.	2.5	6
79	Outcomes of patients with OHCA of presumed cardiac etiology that did not achieve prehospital restoration of spontaneous circulation: The All-Japan Utstein Registry experience. Resuscitation, 2021, 162, 245-250.	3.0	6
80	Characteristics of Anaphylactic Reactions: A Prospective Observational Study in Japan. Journal of Emergency Medicine, 2020, 59, 812-819.	0.7	5
81	Bayesian analysis of amiodarone or lidocaine versus placebo for out-of-hospital cardiac arrest. Heart, 2022, , heartjnl-2021-320513.	2.9	5
82	Impact of age on survival of patients with out-of-hospital cardiac arrest transported to tertiary emergency medical institutions in Osaka, Japan. Geriatrics and Gerontology International, 2019, 19, 1088-1095.	1.5	4
83	Laryngeal Tube Insertion vs Endotracheal Intubation for Out-of-Hospital Cardiac Arrest—Reply. JAMA - Journal of the American Medical Association, 2019, 321, 105.	7.4	4
84	VARIATION IN TIME TO NOTIFICATION OF ENROLLMENT AND RATES OF WITHDRAWAL IN RESUSCITATION TRIALS CONDUCTED UNDER EXCEPTION FROM INFORMED CONSENT. Resuscitation, 2021, 168, 160-166.	3.0	4
85	Retrospective chart review and survey to identify adverse safety events in the emergency medical services care of children with out-of-hospital cardiac arrest in the USA: a study protocol. BMJ Open, 2020, 10, e039215.	1.9	3
86	The Association Between the Number of Prehospital Providers On-Scene and Out-of-Hospital Cardiac Arrest Outcomes. Prehospital Emergency Care, 2021, , 1-11.	1.8	3
87	The association of race with CPR quality following out-of-hospital cardiac arrest. Resuscitation, 2022, 170, 194-200.	3.0	3
88	Acute Carpal Tunnel Syndrome Due to Pyogenic Flexor Tenosynovitis without Any Antecedent Injury. Internal Medicine, 2017, 56, 1439-1442.	0.7	2
89	Evaluation of chest compression artefact removal based on rhythm assessments made by clinicians. Resuscitation, 2018, 125, 104-110.	3.0	2
90	Intravenous versus intraosseous vascular access site for medication administration during cardiac arrest: Is one preferable than the other?. Resuscitation, 2021, 167, 387-389.	3.0	2

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91	Regarding manuscript: "Resuscitation Outcomes Consortium" Amiodarone, Lidocaine, or Placebo study: Rationale and methodology behind out-of-hospital cardiac arrest antiarrhythmic drug trial. American Heart Journal, 2014, 168, e19-e20.	2.7	1
92	Witness status: A new definition for out-of-hospital cardiac arrest?. Resuscitation, 2016, 109, A8-A9.	3.0	1
93	Subsequent shockable rhythm and survival from out-of-hospital cardiac arrest: Another piece of the puzzle?. Resuscitation, 2017, 114, A14-A15.	3.0	1
94	How do EMS medical directors think?. American Journal of Emergency Medicine, 2017, 35, 1376-1378.	1.6	1
95	Time from call to dispatch and out-of-hospital cardiac arrest outcomes. Resuscitation, 2021, 163, 198-199.	3.0	1
96	Unusual Fatigue and Failure to Utilize EMS Are Associated With Prolonged Prehospital Delay for Suspected Acute Coronary Syndrome. Critical Pathways in Cardiology, 2020, 19, 206-212.	0.5	1
97	Emergency department cardiac arrests: Who, when, and why? Insights from Sweden. Resuscitation, 2022, 175, 44-45.	3.0	1
98	Poster 052. When is Helicopter Transit Use for Urban Trauma Patients Appropriate?. Prehospital and Disaster Medicine, 1995, 10, S65-S65.	1.3	0
99	Preface. Emergency Medicine Clinics of North America, 2009, 27, xvii-xviii.	1.2	0
100	Preface. Hematology/Oncology Clinics of North America, 2010, 24, xi-xii.	2.2	0
101	A reply to "Aligning airway management strategy with resuscitation priorities for out-of-hospital cardiac arrest" by Burjek et al.. Journal of Thoracic Disease, 2019, 11, S476-S477.	1.4	0
102	Exception From Informed Consent: How IRB Reviewers Assess Community Consultation and Public Disclosure. AJOB Empirical Bioethics, 2021, 12, 24-32.	1.6	0
103	Focusing on recovery: Long-term health-related quality-of-life of out-of-hospital cardiac arrest survivors. Resuscitation, 2021, 162, 428-430.	3.0	0
104	Emergency medical services medical director and first responder attitudes regarding hands-on defibrillation. American Journal of Emergency Medicine, 2021, , .	1.6	0
105	There is little association between prehospital delay, persistent symptoms, and post-discharge healthcare utilization in patients evaluated for acute coronary syndrome. Applied Nursing Research, 2022, 65, 151588.	2.2	0