Marcus Eng Hock Ong

List of Publications by Year
in descending order

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300 papers	8,088 citations	66343 42 h-index	74163 75 g-index
318 all docs	318 docs citations	318 times ranked	7008 citing authors

#	Article	IF	Citations
1	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest. Circulation, 2015, 132, 1286-1300.	1.6	726
2	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest. Resuscitation, 2015, 96, 328-340.	3.0	541
3	Out-of-hospital cardiac arrest across the World: First report from the International Liaison Committee on Resuscitation (ILCOR). Resuscitation, 2020, 152, 39-49.	3.0	295
4	Outcomes for out-of-hospital cardiac arrests across 7 countries in Asia: The Pan Asian Resuscitation Outcomes Study (PAROS). Resuscitation, 2015, 96, 100-108.	3.0	279
5	Dispatcher-assisted bystander cardiopulmonary resuscitation in a metropolitan city: A beforeâ€“after population-based study. Resuscitation, 2014, 85, 34-41.	3.0	154
6	Out-of-hospital cardiac arrest: prehospital management. Lancet, The, 2018, 391, 980-988.	13.7	148
7	COSCA (Core Outcome Set for Cardiac Arrest) in Adults: An Advisory Statement From the International Liaison Committee on Resuscitation. Resuscitation, 2018, 127, 147-163.	3.0	141
8	Increasing Cardiopulmonary Resuscitation Provision in Communities With Low Bystander Cardiopulmonary Resuscitation Rates. Circulation, 2013, 127, 1342-1350.	1.6	125
9	Pan-Asian Resuscitation Outcomes Study (PAROS): Rationale, Methodology, and Implementation. Academic Emergency Medicine, 2011, 18, 890-897.	1.8	121
10	Comparison of chest compression only and standard cardiopulmonary resuscitation for out-of-hospital cardiac arrest in Singapore. Resuscitation, 2008, 78, 119-126.	3.0	120
11	Effect of Dispatcher-Assisted Cardiopulmonary Resuscitation Program and Location of Out-of-Hospital Cardiac Arrest on Survival and Neurologic Outcome. Annals of Emergency Medicine, 2017, 69, 52-61.e1.	0.6	110
12	Epidemiology and outcomes from non-traumatic out-of-hospital cardiac arrest in Korea: A nationwide observational study. Resuscitation, 2010, 81, 974-981.	3.0	106
13	An observational, prospective study comparing tibial and humeral intraosseous access using the EZ-IO. American Journal of Emergency Medicine, 2009, 27, 8-15.	1.6	95
14	Prediction of cardiac arrest in critically ill patients presenting to the emergency department using a machine learning score incorporating heart rate variability compared with the modified early warning score. Critical Care, 2012, 16, R108.	5.8	95
15	Comparison of Emergency Medical Services Systems Across Pan-Asian Countries: A Web-based Survey. Prehospital Emergency Care, 2012, 16, 477-496.	1.8	87
16	Healthcare worker stress, anxiety and burnout during the COVID-19 pandemic in Singapore: A 6-month multi-centre prospective study. PLoS ONE, 2021, 16, e0258866.	2.5	87
17	Comparison of supraglottic airway versus endotracheal intubation for the pre-hospital treatment of out-of-hospital cardiac arrest. Critical Care, 2011, 15, R236.	5.8	85
18	A beforeâ€“after interventional trial of dispatcher-assisted cardio-pulmonary resuscitation for out-of-hospital cardiac arrests in Singapore. Resuscitation, 2016, 102, 85-93.	3.0	76

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19	Survival Outcomes With the Introduction of Intravenous Epinephrine in the Management of Out-of-Hospital Cardiac Arrest. Annals of Emergency Medicine, 2007, 50, 635-642.	0.6	73
20	Coronavirus disease 2019 (COVID-19): an evidence map of medical literature. BMC Medical Research Methodology, 2020, 20, 177.	3.1	68
21	Prediction of adverse cardiac events in emergency department patients with chest pain using machine learning for variable selection. BMC Medical Informatics and Decision Making, 2014, 14, 75.	3.0	64
22	Predicting hospital admission at the emergency department triage: A novel prediction model. American Journal of Emergency Medicine, 2019, 37, 1498-1504.	1.6	64
23	AutoScore: A Machine Learningâ€“Based Automatic Clinical Score Generator and Its Application to Mortality Prediction Using Electronic Health Records. JMIR Medical Informatics, 2020, 8, e21798.	2.6	64
24	Modifiable Factors Associated With Survival After Out-of-Hospital Cardiac Arrest in the Pan-Asian Resuscitation Outcomes Study. Annals of Emergency Medicine, 2018, 71, 608-617.e15.	0.6	62
25	Predicting 30-Day Readmissions: Performance of the LACE Index Compared with a Regression Model among General Medicine Patients in Singapore. BioMed Research International, 2015, 2015, 1-6.	1.9	60
26	Improving the quality of cardiopulmonary resuscitation by training dedicated cardiac arrest teams incorporating a mechanical load-distributing device at the emergency department. Resuscitation, 2013, 84, 508-514.	3.0	59
27	C ARDIAC A RREST AND R ESUSCITATION E PIDEMIOLOGY IN S INGAPORE (CARE I S TUDY). Prehospital Emergency Care, 2003, 7, 427-433.	1.8	58
28	Mechanical CPR devices compared to manual CPR during out-of-hospital cardiac arrest and ambulance transport: a systematic review. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2012, 20, 39.	2.6	58
29	A randomised, double-blind, multi-centre trial comparing vasopressin and adrenaline in patients with cardiac arrest presenting to or in the Emergency Department. Resuscitation, 2012, 83, 953-960.	3.0	57
30	Associations between gender and cardiac arrest outcomes in Pan-Asian out-of-hospital cardiac arrest patients. Resuscitation, 2016, 102, 116-121.	3.0	57
31	Randomized Controlled Trial of Screening, Risk Modification, and Physical Therapy to Prevent Falls Among the Elderly Recently Discharged From the Emergency Department to the Community: The Steps to Avoid Falls in the Elderly Study. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1086-1096.	0.9	57
32	Current termination of resuscitation (TOR) guidelines predict neurologically favorable outcome in Japan. Resuscitation, 2013, 84, 54-59.	3.0	55
33	Interventional strategies associated with improvements in survival for out-of-hospital cardiac arrests in Singapore over 10 years. Resuscitation, 2015, 89, 155-161.	3.0	55
34	Comparison of emergency medical services systems in the panâ€<scp>A</scp>sian resuscitation outcomes study countries: Report from a literature review and survey. EMA - Emergency Medicine Australasia, 2013, 25, 55-63.	1.1	54
35	Barriers to dispatcher-assisted cardiopulmonary resuscitation in Singapore. Resuscitation, 2016, 105, 149-155.	3.0	54
36	Acute Health Impacts of the Southeast Asian Transboundary Haze Problemâ€"A Review. International Journal of Environmental Research and Public Health, 2019, 16, 3286.	2.6	53

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37	Comparing HEART, TIMI, and GRACE scores for prediction of 30-day major adverse cardiac events in high acuity chest pain patients in the emergency department. International Journal of Cardiology, 2016, 221, 759-764.	1.7	50
38	Asian medical staff attitudes towards witnessed resuscitation. Resuscitation, 2004, 60, 45-50.	3.0	49
39	Predictive modeling in pediatric traumatic brain injury using machine learning. BMC Medical Research Methodology, 2015, 15, 22.	3.1	49
40	Epidemiology and outcome of paediatric out-of-hospital cardiac arrests: A paediatric sub-study of the Pan-Asian resuscitation outcomes study (PAROS). Resuscitation, 2018, 125, 111-117.	3.0	47
41	An observational study describing the geographic-time distribution of cardiac arrests in Singapore: What is the utility of geographic information systems for planning public access defibrillation? (PADS) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	44
42	Extravascular lung water measurements in acute respiratory distress syndrome. Current Opinion in Critical Care, 2018, 24, 209-215.	3.2	44
43	Optimizing Outcomes After Out-of-Hospital Cardiac Arrest With Innovative Approaches to Public-Access Defibrillation: A Scientific Statement From the International Liaison Committee on Resuscitation. Circulation, 2022, 145, CIR0000000000001013.	1.6	44
44	Randomized controlled trial of internal and external targeted temperature management methods in post- cardiac arrest patients. American Journal of Emergency Medicine, 2018, 36, 66-72.	1.6	43
45	Impact of bystander-focused public health interventions on cardiopulmonary resuscitation and survival: a cohort study. Lancet Public Health, The, 2020, 5, e428-e436.	10.0	43
46	Comparing attitudes of the public and medical staff towards witnessed resuscitation in an Asian population. Resuscitation, 2007, 73, 103-108.	3.0	42
47	Reducing Ambulance Response Times Using Geospatialâ€“Time Analysis of Ambulance Deployment. Academic Emergency Medicine, 2010, 17, 951-957.	1.8	40
48	The Low Fall as a Surrogate Marker of Frailty Predicts Long-Term Mortality in Older Trauma Patients. PLoS ONE, 2015, 10, e0137127.	2.5	40
49	Deep learning for temporal data representation in electronic health records: A systematic review of challenges and methodologies. Journal of Biomedical Informatics, 2022, 126, 103980.	4.3	40
50	Cardiopulmonary Resuscitation Interruptions With Use of a Load-Distributing Band Device During Emergency Department Cardiac Arrest. Annals of Emergency Medicine, 2010, 56, 233-241.	0.6	39
51	Nationwide Improvement of Door-to-Balloon Times in Patients With Acute ST-Segment Elevation Myocardial Infarction Requiring Primary Percutaneous Coronary Intervention With Out-of-Hospital 12-Lead ECG Recording and Transmission. Annals of Emergency Medicine, 2013, 61, 339-347.	0.6	39
52	National population based survey on the prevalence of first aid, cardiopulmonary resuscitation and automated external defibrillator skills in Singapore. Resuscitation, 2013, 84, 1633-1636.	3.0	39
53	Predicting 30-Day Readmissions in an Asian Population: Building a Predictive Model by Incorporating Markers of Hospitalization Severity. PLoS ONE, 2016, 11, e0167413.	2.5	39
54	Impact of the COVID-19 pandemic on the epidemiology of out-of-hospital cardiac arrest: a systematic review and meta-analysis. Annals of Intensive Care, 2021, 11, 169.	4.6	39

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55	Heart rate variability risk score for prediction of acute cardiac complications in ED patients with chest pain. American Journal of Emergency Medicine, 2013, 31, 1201-1207.	1.6	37
56	Impact of the number of on-scene emergency life-saving technicians and outcomes from out-of-hospital cardiac arrest in Osaka City. Resuscitation, 2014, 85, 59-64.	3.0	37
57	Prehospital Trauma Care in Singapore. Prehospital Emergency Care, 2015, 19, 409-415.	1.8	37
58	Incidence and Outcomes of Outâ€ofâ€Hospital Cardiac Arrest in Singapore and Victoria: A Collaborative Study. Journal of the American Heart Association, 2020, 9, e015981.	3.7	37
59	The Pan-Asian Resuscitation Outcomes Study (PAROS) clinical research network: what, where, why and how. Singapore Medical Journal, 2017, 58, 456-458.	0.6	34
60	Health impacts of the Southeast Asian haze problem â€“ A time-stratified case crossover study of the relationship between ambient air pollution and sudden cardiac deaths in Singapore. International Journal of Cardiology, 2018, 271, 352-358.	1.7	34
61	Impact of COVID-19 on Out-of-Hospital Cardiac Arrest in Singapore. International Journal of Environmental Research and Public Health, 2021, 18, 3646.	2.6	34
62	Emergency care surveillance and emergency care registries in low-income and middle-income countries: conceptual challenges and future directions for research. BMJ Global Health, 2019, 4, e001442.	4.7	33
63	Emergency medical dispatch services across Pan-Asian countries: a web-based survey. BMC Emergency Medicine, 2020, 20, 1.	1.9	33
64	Systematic review and meta-analysis of intravascular temperature management vs. surface cooling in comatose patients resuscitated from cardiac arrest. Resuscitation, 2020, 146, 82-95.	3.0	33
65	Reducing Blood Sample Hemolysis at a Tertiary Hospital Emergency Department. American Journal of Medicine, 2009, 122, 1054.e1-1054.e6.	1.5	32
66	Knowledge of Signs and Symptoms of Heart Attack and Stroke among Singapore Residents. BioMed Research International, 2014, 2014, 1-8.	1.9	32
67	Reducing Ambulance Response Times Using Discrete Event Simulation. Prehospital Emergency Care, 2014, 18, 207-216.	1.8	32
68	Factors affecting the ambulance response times of trauma incidents in Singapore. Accident Analysis and Prevention, 2015, 82, 27-35.	5.7	31
69	Combining the new injury severity score with an anatomical polytrauma injury variable predicts mortality better than the new injury severity score and the injury severity score: a retrospective cohort study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 25.	2.6	31
70	Comparison of termination-of-resuscitation guidelines for out-of-hospital cardiac arrest in Singapore EMS. Resuscitation, 2007, 75, 244-251.	3.0	30
71	Dynamic ambulance reallocation for the reduction of ambulance response times using system status management. American Journal of Emergency Medicine, 2015, 33, 159-166.	1.6	30
72	Effectiveness of a community based out-of-hospital cardiac arrest (OHCA) interventional bundle: Results of a pilot study. Resuscitation, 2020, 146, 220-228.	3.0	30

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73	Development and Assessment of an Interpretable Machine Learning Triage Tool for Estimating Mortality After Emergency Admissions. JAMA Network Open, 2021, 4, e2118467.	5.9	30
74	Poor performance of the modified early warning score for predicting mortality in critically ill patients presenting to an emergency department. World Journal of Emergency Medicine, 2013, 4, 273.	1.0	29
75	Variation of current protocols for managing out-of-hospital cardiac arrest in prehospital settings among Asian countries. Journal of the Formosan Medical Association, 2016, 115, 628-638.	1.7	29
76	Managing emergency department crowding through improved triaging and resource allocation. Operations Research for Health Care, 2016, 10, 13-22.	1.2	29
77	Shapley variable importance cloud for interpretable machine learning. Patterns, 2022, 3, 100452.	5.9	29
78	Patient Outcome Prediction with Heart Rate Variability and Vital Signs. Journal of Signal Processing Systems, 2011, 64, 265-278.	2.1	28
79	Predicting frequent hospital admission risk in Singapore: a retrospective cohort study to investigate the impact of comorbidities, acute illness burden and social determinants of health. BMJ Open, 2016, 6, e012705.	1.9	28
80	Leveraging Machine Learning Techniques and Engineering of Multi-Nature Features for National Daily Regional Ambulance Demand Prediction. International Journal of Environmental Research and Public Health, 2020, 17, 4179.	2.6	28
81	Prevalence of anxiety, depression, and post-traumatic stress disorder after cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 170, 82-91.	3.0	28
82	Spatial Variation and Geographic-Demographic Determinants of Out-of-Hospital Cardiac Arrests in the City-State of Singapore. Annals of Emergency Medicine, 2011, 58, 343-351.	0.6	27
83	Rationale, Methodology, and Implementation of a Dispatcher-assisted Cardiopulmonary Resuscitation Trial in the Asia-Pacific (Pan-Asian Resuscitation Outcomes Study Phase 2). Prehospital Emergency Care, 2015, 19, 87-95.	1.8	27
84	Artificial intelligence in emergency medicine. Journal of Emergency and Critical Care Medicine, 0, 2, 82-82.	0.7	27
85	Long-term outcomes after out-of-hospital cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 171, 15-29.	3.0	27
86	A novel cardiovascular risk stratification model incorporating ECG and heart rate variability for patients presenting to the emergency department with chest pain. Critical Care, 2016, 20, 179.	5.8	26
87	The role of dispatch in resuscitation. Singapore Medical Journal, 2017, 58, 449-452.	0.6	26
88	The Relationship Between Ambient Air Pollution and Acute Ischemic Stroke: A Time-Stratified Case-Crossover Study in a City-State With Seasonal Exposure to the Southeast Asian Haze Problem. Annals of Emergency Medicine, 2018, 72, 591-601.	0.6	26
89	Cardiopulmonary resuscitation (CPR) training strategies in the times of COVID-19: a systematic literature review comparing different training methodologies. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 53.	2.6	26
90	Characteristics of patients who made a return visit within 72 hours to the emergency department of a Singapore tertiary hospital. Singapore Medical Journal, 2015, 57, 301-306.	0.6	26

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91	Emergency medical services key performance measurement in Asian cities. International Journal of Emergency Medicine, 2015, 8, 12.	1.6	25
92	An observational, prospective study exploring the use of heart rate variability as a predictor of clinical outcomes in pre-hospital ambulance patients. Resuscitation, 2008, 78, 289-297.	3.0	24
93	Validating the ABCD2 Score for predicting stroke risk after transient ischemic attack in the ED. American Journal of Emergency Medicine, 2010, 28, 44-48.	1.6	24
94	Derivation of indices of socioeconomic status for health services research in Asia. Preventive Medicine Reports, 2015, 2, 326-332.	1.8	24
95	Emergency Medical Services Utilization among Patients with ST-Segment Elevation Myocardial Infarction: Observations from the Singapore Myocardial Infarction Registry. Prehospital Emergency Care, 2016, 20, 454-461.	1.8	24
96	Conversion to shockable rhythms during resuscitation and survival for out-of hospital cardiac arrest. American Journal of Emergency Medicine, 2017, 35, 206-213.	1.6	24
97	Comparing pre-hospital clinical diagnosis of pediatric out-of-hospital cardiac arrest with etiology by coroner's diagnosis. Resuscitation, 2007, 72, 26-34.	3.0	23
98	Using demand analysis and system status management for predicting ED attendances and rostering. American Journal of Emergency Medicine, 2009, 27, 16-22.	1.6	23
99	The effectiveness of public health interventions against COVID-19: Lessons from the Singapore experience. PLoS ONE, 2021, 16, e0248742.	2.5	23
100	Artificial Intelligence Applications for COVID-19 in Intensive Care and Emergency Settings: A Systematic Review. International Journal of Environmental Research and Public Health, 2021, 18, 4749.	2.6	23
101	Variation in community and ambulance care processes for out-of-hospital cardiac arrest during the COVID-19 pandemic: a systematic review and meta-analysis. Scientific Reports, 2022, 12, 800.	3.3	23
102	Implementation of a National 5â€Year Plan for Prehospital Emergency Care in Singapore and Impact on Outâ€ofâ€Hospital Cardiac Arrest Outcomes From 2011 to 2016. Journal of the American Heart Association, 2020, 9, e015368.	3.7	22
103	Impact of Cardiac Arrest Centers on the Survival of Patients With Nontraumatic Outâ€ofâ€Hospital Cardiac Arrest: A Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2022, 11, e023806.	3.7	22
104	Resuscitation of out-of-hospital cardiac arrest by Asian primary health-care physicians. Resuscitation, 2005, 65, 191-195.	3.0	21
105	Ensemble-Based Risk Scoring with Extreme Learning Machine for Prediction of Adverse Cardiac Events. Cognitive Computation, 2017, 9, 545-554.	5.2	21
106	Spillover Effects of COVID-19 on Essential Chronic Care and Ways to Foster Health System Resilience to Support Vulnerable Non-COVID Patients: A Multistakeholder Study. Journal of the American Medical Directors Association, 2022, 23, 7-14.	2.5	21
107	Composite Measures of Individual and Area-Level Socio-Economic Status Are Associated with Visual Impairment in Singapore. PLoS ONE, 2015, 10, e0142302.	2.5	20
108	A prospective surveillance of paediatric head injuries in Singapore: a dual-centre study. BMJ Open, 2016, 6, e010618.	1.9	20

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109	Optimizing outcomes after out-of-hospital cardiac arrest with innovative approaches to public-access defibrillation: A scientific statement from the International Liaison Committee on Resuscitation. Resuscitation, 2022, 172, 204-228.	3.0	20
110	A Cost-Effectiveness Analysis of a Randomized Control Trial of a Tailored, Multifactorial Program to Prevent Falls Among the Community-Dwelling Elderly. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1-8.	0.9	19
111	Cost-Effectiveness of Hair Apposition Technique Compared With Standard Suturing in Scalp Lacerations. Annals of Emergency Medicine, 2005, 46, 237-242.	0.6	18
112	Cancer patients as frequent attenders in emergency departments: A national cohort study. Cancer Medicine, 2018, 7, 4434-4446.	2.8	18
113	A conceptual framework for Emergency department design in a pandemic. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 118.	2.6	18
114	Clinical evaluation of intravenous alone versus intravenous or intraosseous access for treatment of out-of-hospital cardiac arrest. Resuscitation, 2021, 159, 129-136.	3.0	18
115	Perceptions of Mobile Health Apps and Features to Support Psychosocial Well-being Among Frontline Health Care Workers Involved in the COVID-19 Pandemic Response: Qualitative Study. Journal of Medical Internet Research, 2021, 23, e26282.	4.3	18
116	Out-of-hospital cardiac arrests occurring in primary health care facilities in Singapore. Resuscitation, 2007, 74, 38-43.	3.0	17
117	Spatial Analysis of Ambulance Response Times Related to Prehospital Cardiac Arrests in the City-State of Singapore. Prehospital Emergency Care, 2012, 16, 256-265.	1.8	17
118	Recommendations on Ambulance Cardiopulmonary Resuscitation in Basic Life Support Systems. Prehospital Emergency Care, 2013, 17, 491-500.	1.8	17
119	Symptomâ€toâ€door delay among patients with STâ€segment elevation myocardial infarction in Singapore. EMA - Emergency Medicine Australasia, 2017, 29, 24-32.	1.1	17
120	Modeling Emergency Department crowding: Restoring the balance between demand for and supply of emergency medicine. PLoS ONE, 2021, 16, e0244097.	2.5	17
121	Therapeutic temperature management (TTM): post-resuscitation care for adult cardiac arrest, with recommendations from the National TTM Workgroup. Singapore Medical Journal, 2017, 58, 408-410.	0.6	17
122	Geographic factors are associated with increased risk for out-of hospital cardiac arrests and provision of bystander cardio-pulmonary resuscitation in Singapore. Resuscitation, 2014, 85, 1153-1160.	3.0	16
123	Public access defibrillation: improving accessibility and outcomes. British Medical Bulletin, 2016, 118, 25-32.	6.9	16
124	Prompt use of mechanical cardiopulmonary resuscitation in out-of-hospital cardiac arrest: the MECCA study report. Singapore Medical Journal, 2017, 58, 424-431.	0.6	16
125	Combining Heart Rate Variability with Disease Severity Score Variables for Mortality Risk Stratification in Septic Patients Presenting at the Emergency Department. International Journal of Environmental Research and Public Health, 2019, 16, 1725.	2.6	16
126	myResponder Smartphone Application to Crowdsource Basic Life Support for Out-of-Hospital Cardiac Arrest: The Singapore Experience. Prehospital Emergency Care, 2021, 25, 388-396.	1.8	16

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127	Development and validation of an interpretable prehospital return of spontaneous circulation (P-ROSC) score for patients with out-of-hospital cardiac arrest using machine learning: A retrospective study. EClinicalMedicine, 2022, 48, 101422.	7.1	16
128	The use of antiarrhythmic drugs for adult cardiac arrest: A systematic review. Resuscitation, 2011, 82, 665-670.	3.0	15
129	A retrospective review of paediatric head injuries in Asia â€“ a Pan Asian Trauma Outcomes Study (PATOS) collaboration. BMJ Open, 2017, 7, e015759.	1.9	15
130	Characteristics of Frequent Users of Emergency Medical Services in Singapore. Prehospital Emergency Care, 2019, 23, 215-224.	1.8	15
131	Comparison of Outcomes and Characteristics of Emergency Medical Services (EMS)-Witnessed, Bystander-Witnessed, and Unwitnessed Out-of-Hospital Cardiac Arrests in Singapore. Prehospital Emergency Care, 2019, 23, 847-854.	1.8	15
132	Novel model for predicting inpatient mortality after emergency admission to hospital in Singapore: retrospective observational study. BMJ Open, 2019, 9, e031382.	1.9	15
133	Not All Falls Are Equal: Risk Factors for Unplanned Readmission in Older Patients After Moderate and Severe Injuryâ€"A National Cohort Study. Journal of the American Medical Directors Association, 2019, 20, 201-207.e3.	2.5	15
134	Heart rate n-variability (HRnV) and its application to risk stratification of chest pain patients in the emergency department. BMC Cardiovascular Disorders, 2020, 20, 168.	1.7	15
135	Association between the elderly frequent attender to the emergency department and 30-day mortality: A retrospective study over 10 years. World Journal of Emergency Medicine, 2018, 9, 20.	1.0	15
136	Gender disparities among adult recipients of layperson bystander cardiopulmonary resuscitation by location of cardiac arrest in Pan-Asian communities: A registry-based study. EClinicalMedicine, 2022, 44, 101293.	7.1	15
137	Termination of Resuscitation Rules to Predict Neurological Outcomes in Out-of-Hospital Cardiac Arrest for an Intermediate Life Support Prehospital System. Prehospital Emergency Care, 2016, 20, 623-629.	1.8	14
138	Combining quick sequential organ failure assessment score with heart rate variability may improve predictive ability for mortality in septic patients at the emergency department. PLoS ONE, 2019, 14, e0213445.	2.5	14
139	Ethnic and Neighborhood Socioeconomic Differences In Incidence and Survival From Out-Of-Hospital Cardiac Arrest In Singapore. Prehospital Emergency Care, 2019, 23, 619-630.	1.8	14
140	Validation of the ROSC after cardiac arrest (RACA) score in Pan-Asian out-of-hospital cardiac arrest patients. Resuscitation, 2020, 149, 53-59.	3.0	14
141	Knowledge and attitudes of Singapore schoolchildren learning cardiopulmonary resuscitation and automated external defibrillator skills. Singapore Medical Journal, 2018, 59, 487-499.	0.6	14
142	Development and validation of the SARICA score to predict survival after return of spontaneous circulation in out of hospital cardiac arrest using an interpretable machine learning framework. Resuscitation, 2022, 170, 126-133.	3.0	14
143	Global Health and Emergency Care: A Resuscitation Research Agendaâ€"Part 2. Academic Emergency Medicine, 2013, 20, 1297-1303.	1.8	13
144	FAM-FACE-SG: a score for risk stratification of frequent hospital admitters. BMC Medical Informatics and Decision Making, 2017, 17, 35.	3.0	13

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145	Characteristics and outcomes of young adults who suffered an out-of-hospital cardiac arrest (OHCA). Resuscitation, 2017, 111, 34-40.	3.0	13
146	Utility of a Medical Alert Protection System compared to telephone follow-up only for home-alone elderly presenting to the ED â€" A randomized controlled trial. American Journal of Emergency Medicine, 2018, 36, 594-601.	1.6	13
147	Evaluating Safety and Efficacy of Follow-up for Patients With Abdominal Pain Using Video Consultation (SAVED Study): Randomized Controlled Trial. Journal of Medical Internet Research, 2020, 22, e17417.	4.3	13
148	Spontaneous Pneumothorax Outcome Study (SPOT phase I): a 2-year review. European Journal of Emergency Medicine, 2004, 11, 89-94.	1.1	12
149	Implications for public access defibrillation placement by nonâ€traumatic outâ€ofâ€hospital cardiac arrest occurrence in <scp>S</scp>ingapore. EMA - Emergency Medicine Australasia, 2014, 26, 229-236.	1.1	12
150	Simulation-based decision support framework for dynamic ambulance redeployment in Singapore. International Journal of Medical Informatics, 2017, 106, 37-47.	3.3	12
151	Factors influencing career progress for early stage clinician-scientists in emerging Asian academic medical centres: a qualitative study in Singapore. BMJ Open, 2018, 8, e020398.	1.9	12
152	Remote Ischemic Conditioning in Emergency Medicineâ€"Clinical Frontiers and Research Opportunities. Shock, 2020, 53, 269-276.	2.1	12
153	Heart rate n-variability (HRnV) measures for prediction of mortality in sepsis patients presenting at the emergency department. PLoS ONE, 2021, 16, e0249868.	2.5	12
154	Validation of the new Vancouver Chest Pain Rule in Asian chest pain patients presenting at the emergency department. Canadian Journal of Emergency Medicine, 2017, 19, 18-25.	1.1	11
155	Comparison of epidemiology, treatments and outcomes of ST segment elevation myocardial infarction between young and elderly patients. Emergency Medicine Journal, 2018, 35, emermed-2017-206754.	1.0	11
156	ST-segment elevation myocardial infarction with non-chest pain presentation at the Emergency Department: Insights from the Singapore Myocardial Infarction Registry. Internal and Emergency Medicine, 2019, 14, 989-997.	2.0	11
157	Effect of vertical location on survival outcomes for out-of-hospital cardiac arrest in Singapore. Resuscitation, 2019, 139, 24-32.	3.0	11
158	Emergency medical services use and its association with acute ischaemic stroke evaluation and treatment in Singapore. Stroke and Vascular Neurology, 2020, 5, 121-127.	3.3	11
159	Sociodemographic and clinical factors for non-hospital deaths among cancer patients: A nationwide population-based cohort study. PLoS ONE, 2020, 15, e0232219.	2.5	11
160	Transportation during and after cardiac arrest: who, when, how and where?. Current Opinion in Critical Care, 2021, 27, 223-231.	3.2	11
161	Assessing unrealised potential for organ donation after out-of-hospital cardiac arrest. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 105.	2.6	11
162	Frequent attenders to the ED: patients who present with repeated asthma exacerbations. American Journal of Emergency Medicine, 2014, 32, 895-899.	1.6	10

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163	Living with longâ€term consequences: Experience of followâ€up care and support needs among Asian longâ€term colorectal cancer survivors. Psycho-Oncology, 2020, 29, 1557-1563.	2.3	10
164	Long-Term Trends in Ischemic Stroke Incidence and Risk Factors: Perspectives from an Asian Stroke Registry. Journal of Stroke, 2020, 22, 396-399.	3.2	10
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