Marcus Eng Hock Ong

List of Publications by Year
in descending order

300 papers	8,088 citations	76031 42 h-index	84171 75 g-index
318 all docs	318 docs citations	318 times ranked	7399 citing authors

#	Article	IF	Citations
1	Burnout, anxiety and depression in healthcare workers during the early COVID-19 period in Singapore. Singapore Medical Journal, 2024, 65, S26-S29.	0.3	2
2	The Effect of Building-Level Socioeconomic Status on Bystander Cardiopulmonary Resuscitation: A Retrospective Cohort Study. Prehospital Emergency Care, 2023, 27, 205-212.	1.0	4
3	Relationship between local weather, air pollution and hospital attendances for urticaria in children: Time stratified analysis of 12,002 cases. Clinical and Experimental Allergy, 2022, 52, 180-182.	1.4	4
4	Clinical evaluation of the use of laryngeal tube versus laryngeal mask airway for out-of-hospital cardiac arrest by paramedics in Singapore. Singapore Medical Journal, 2022, 63, 157-161.	0.3	2
5	Prevalence of anxiety, depression, and post-traumatic stress disorder after cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 170, 82-91.	1.3	28
6	Leveraging Large-Scale Electronic Health Records and Interpretable Machine Learning for Clinical Decision Making at the Emergency Department: Protocol for System Development and Validation. JMIR Research Protocols, 2022, 11, e34201.	0.5	10
7	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.	1.3	14
8	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.	1.2	21
9	AutoScore-Survival: Developing interpretable machine learning-based time-to-event scores with right-censored survival data. Journal of Biomedical Informatics, 2022, 125, 103959.	2.5	8
10	Health Services Use and Functional Recovery Following Blunt Trauma in Older Persons â€“ A National Multicentre Prospective Cohort Study. Journal of the American Medical Directors Association, 2022, 23, 646-653.e1.	1.2	5
11	Long-term outcomes after out-of-hospital cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 171, 15-29.	1.3	27
12	Resuming elective surgery after COVID-19: A simulation modelling framework for guiding the phased opening of operating rooms. International Journal of Medical Informatics, 2022, 158, 104665.	1.6	5
13	Association of ambient air pollution with risk of hemorrhagic stroke: A time-stratified case crossover analysis of the Singapore stroke registry. International Journal of Hygiene and Environmental Health, 2022, 240, 113908.	2.1	8
14	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.	1.6	22
15	Maximum expected survival rate model for public access defibrillator placement. Resuscitation, 2022, 170, 213-221.	1.3	3
16	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.	1.6	23
17	Deep learning for temporal data representation in electronic health records: A systematic review of challenges and methodologies. Journal of Biomedical Informatics, 2022, 126, 103980.	2.5	40
18	International multi-center real world implementation trial to increase out-of-hospital cardiac arrest survival with a dispatcher-assisted cardio-pulmonary resuscitation package (Pan-Asian resuscitation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	9

#	Article	IF	Citations
19	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.	3.2	15
20	Comparative efficacy of anaesthetic methods for closed reduction of paediatric forearm fractures: a systematic review. Emergency Medicine Journal, 2022, 39, 888-896.	0.4	2
21	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.	1.3	20
22	Development and validation of an interpretable machine learning scoring tool for estimating time to emergency readmissions. EClinicalMedicine, 2022, 45, 101315.	3.2	5
23	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
24	Determinants of emergency department utilisation by older adults in Singapore: A systematic review. Annals of the Academy of Medicine, Singapore, 2022, 51, 170-179.	0.2	4
25	Shapley variable importance cloud for interpretable machine learning. Patterns, 2022, 3, 100452.	3.1	29
26	Nationwide Alcoholâ€related visits In Singapore's Emergency departments (<scp>NAISE</scp>): A retrospective populationâ€level study from 2007 to 2016. Drug and Alcohol Review, 2022, , .	1.1	3
27	AutoScore-Imbalance: An interpretable machine learning tool for development of clinical scores with rare events data. Journal of Biomedical Informatics, 2022, 129, 104072.	2.5	8
28	Development and validation of an interpretable clinical score for early identification of acute kidney injury at the emergency department. Scientific Reports, 2022, 12, 7111.	1.6	5
29	Long term risk of recurrence among survivors of sudden cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 176, 30-41.	1.3	4
30	Proper Use of Multiple Imputation and Dealing with Missing Covariate Data. World Neurosurgery, 2022, 161, 284-290.	0.7	3
31	Validation of the CaRdiac Arrest Survival Score (CRASS) for predicting good neurological outcome after out-of-hospital cardiac arrest in an Asian emergency medical service system. Resuscitation, 2022, 176, 42-50.	1.3	2
32	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.	3.2	16
33	Pre-hospital airway management and survival outcomes after paediatric out-of-hospital cardiac arrests. Resuscitation, 2022, 176, 9-18.	1.3	10
34	Anaesthesia and analgesia in the emergency care setting for treating distal radius fractures in adults. The Cochrane Library, 2022, 2022, .	1.5	1
35	An Agile Systems Modeling Framework for Bed Resource Planning During COVID-19 Pandemic in Singapore. Frontiers in Public Health, 2022, 10, .	1.3	5
36	Association of High-Volume Centers With Survival Outcomes Among Patients With Nontraumatic Out-of-Hospital Cardiac Arrest. JAMA Network Open, 2022, 5, e2214639.	2.8	8

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37	The Psychological Well-Being of Southeast Asian Frontline Healthcare Workers during COVID-19: A Multi-Country Study. International Journal of Environmental Research and Public Health, 2022, 19, 6380.	1.2	9
38	Emergency department utilisation among older adultsâ€"Protocol for a systematic review of determinants and conceptual frameworks. PLoS ONE, 2022, 17, e0265423.	1.1	1
39	Cardiac arrest centres: what, who, when, and where?. Current Opinion in Critical Care, 2022, 28, 262-269.	1.6	0
40	Multifactorial influences underpinning a decision on COVID-19 vaccination among healthcare workers: a qualitative analysis. Human Vaccines and Immunotherapeutics, 2022, 18, .	1.4	2
41	A novel interpretable machine learning system to generate clinical risk scores: An application for predicting early mortality or unplanned readmission in a retrospective cohort study. , 2022, 1, e0000062.		7
42	Inter-hospital trends of post-resuscitation interventions and outcomes of out-of-hospital cardiac arrest in Singapore. Annals of the Academy of Medicine, Singapore, 2022, 51, 341-350.	0.2	0
43	Clustering of Environmental Parameters and the Risk of Acute Myocardial Infarction. International Journal of Environmental Research and Public Health, 2022, 19, 8476.	1.2	4
44	Improved Out-of-Hospital Cardiac Arrest Survival with a Comprehensive Dispatcher-Assisted CPR Program in a Developing Emergency Care System. Prehospital Emergency Care, 2021, 25, 802-811.	1.0	9
45	myResponder Smartphone Application to Crowdsource Basic Life Support for Out-of-Hospital Cardiac Arrest: The Singapore Experience. Prehospital Emergency Care, 2021, 25, 388-396.	1.0	16
46	Population Segmentation Based on Healthcare Needs: Validation of a Brief Clinician-Administered Tool. Journal of General Internal Medicine, 2021, 36, 9-16.	1.3	5
47	Clinical evaluation of intravenous alone versus intravenous or intraosseous access for treatment of out-of-hospital cardiac arrest. Resuscitation, 2021, 159, 129-136.	1.3	18
48	Effects of housing value and medical subsidy on treatment and outcomes of breast cancer patients in Singapore: A retrospective cohort study. The Lancet Regional Health - Western Pacific, 2021, 6, 100065.	1.3	7
49	Improving Psychological Comfort of Paramedics for Field Termination of Resuscitation through Structured Training. International Journal of Environmental Research and Public Health, 2021, 18, 1050.	1.2	0
50	Modeling Emergency Department crowding: Restoring the balance between demand for and supply of emergency medicine. PLoS ONE, 2021, 16, e0244097.	1.1	17
51	Transportation during and after cardiac arrest: who, when, how and where?. Current Opinion in Critical Care, 2021, 27, 223-231.	1.6	11
52	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.	1.1	26
53	Impact of dispatcher-assisted cardiopulmonary resuscitation and myResponder mobile app on bystander resuscitation. Annals of the Academy of Medicine, Singapore, 2021, 50, 212-221.	0.2	5
54	The effectiveness of public health interventions against COVID-19: Lessons from the Singapore experience. PLoS ONE, 2021, 16, e0248742.	1.1	23

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55	Changes in Informed Consent Policy and Treatment Delays in Stroke Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105551.	0.7	3
56	Impact of COVID-19 on Out-of-Hospital Cardiac Arrest in Singapore. International Journal of Environmental Research and Public Health, 2021, 18, 3646.	1.2	34
57	Early prediction of serious infections in febrile infants incorporating heart rate variability in an emergency department: a pilot study. Emergency Medicine Journal, 2021, 38, 607-612.	0.4	3
58	Utilizing machine learning dimensionality reduction for risk stratification of chest pain patients in the emergency department. BMC Medical Research Methodology, 2021, 21, 74.	1.4	7
59	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.	1.2	23
60	Frailty and length of stay in older adults with blunt injury in a national multicentre prospective cohort study. PLoS ONE, 2021, 16, e0250803.	1.1	3
61	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.	1.3	6
62	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.	2.1	18
63	Predicting Major Adverse Cardiovascular Events in Asian Type 2 Diabetes Patients With Lasso-Cox Regression. Journal of the Endocrine Society, 2021, 5, A417-A418.	0.1	0
64	A hypothetical implementation of â€˜Termination of Resuscitationâ€™ protocol for out-of-hospital cardiac arrest. Resuscitation Plus, 2021, 6, 100092.	0.6	2
65	Comparison of inhalational methoxyflurane (PenthroxÂ®) and intramuscular tramadol for prehospital analgesia. Singapore Medical Journal, 2021, 62, 281-286.	0.3	5
66	Drone-delivered automated external defibrillators: How to site them?. Resuscitation, 2021, 163, 189-190.	1.3	7
67	Geospatial analysis of severe road traffic accidents in Singapore in 2013â€“2014. Singapore Medical Journal, 2021, 62, 353-358.	0.3	1
68	Assessing unrealised potential for organ donation after out-of-hospital cardiac arrest. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 105.	1.1	11
69	A Weakly-Supervised Named Entity Recognition Machine Learning Approach for Emergency Medical Services Clinical Audit. International Journal of Environmental Research and Public Health, 2021, 18, 7776.	1.2	3
70	Characteristics of Prehospital Heat Illness Cases During the Annual Heat Wave Period in Telangana, India. Prehospital and Disaster Medicine, 2021, 36, 385-392.	0.7	2
71	Development and Assessment of an Interpretable Machine Learning Triage Tool for Estimating Mortality After Emergency Admissions. JAMA Network Open, 2021, 4, e2118467.	2.8	30
72	Beyond return of spontaneous circulation: update on post-cardiac arrest management in the intensive care unit. Singapore Medical Journal, 2021, 62, 444-451.	0.3	4

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73	Heart rate n-variability (HRnV) measures for prediction of mortality in sepsis patients presenting at the emergency department. PLoS ONE, 2021, 16, e0249868.	1.1	12
74	Improved door-to-balloon time for primary percutaneous coronary intervention for patients conveyed via emergency ambulance service. Annals of the Academy of Medicine, Singapore, 2021, 50, 671-678.	0.2	4
75	Incidence, characteristics and complications of dispatcher-assisted cardiopulmonary resuscitation initiated in patients not in cardiac arrest. Resuscitation, 2021, , .	1.3	1
76	Cardiac Arrest Occurring in High-Rise Buildings: A Scoping Review. Journal of Clinical Medicine, 2021, 10, 4684.	1.0	2
77	Leveraging open data to reconstruct the Singapore Housing Index and other building-level markers of socioeconomic status for health services research. International Journal for Equity in Health, 2021, 20, 218.	1.5	7
78	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.	1.1	87
79	Early Coronary Angiography Is Associated with Improved 30-Day Outcomes among Patients with out-of-Hospital Cardiac Arrest. Journal of Clinical Medicine, 2021, 10, 5191.	1.0	4
80	Survival after traumatic out-of-hospital cardiac arrest in Vietnam: a multicenter prospective cohort study. BMC Emergency Medicine, 2021, 21, 148.	0.7	1
81	aImpact of Dispatcher-Assisted Cardiopulmonary Resuscitation on Performance of Termination of Resuscitation Criteria. Resuscitation, 2021, , .	1.3	0
82	Trends of chronic illness in emergency department admissions among elderly adults in a tertiary hospital over ten years. BMC Health Services Research, 2021, 21, 1305.	0.9	3
83	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.	2.2	39
84	A Descriptive Analysis of the Impact of COVID-19 on Emergency Department Attendance and Visit Characteristics in Singapore. Covid, 2021, 1, 739-750.	0.7	2
85	Performance of cardiac troponins within the HEART score in predicting major adverse cardiac events at the emergency department. American Journal of Emergency Medicine, 2020, 38, 1560-1567.	0.7	9
86	Impact of population aging on the presentation of outâ€ofâ€hospital cardiac arrest in the Pan Asian Resuscitation Outcomes Study. Acute Medicine & Surgery, 2020, 7, e430.	0.5	4
87	Emergency medical dispatch services across Pan-Asian countries: a web-based survey. BMC Emergency Medicine, 2020, 20, 1.	0.7	33
88	Effectiveness of a community based out-of-hospital cardiac arrest (OHCA) interventional bundle: Results of a pilot study. Resuscitation, 2020, 146, 220-228.	1.3	30
89	Systematic review and meta-analysis of intravascular temperature management vs. surface cooling in comatose patients resuscitated from cardiac arrest. Resuscitation, 2020, 146, 82-95.	1.3	33
90	Remote Ischemic Conditioning in Emergency Medicineâ€"Clinical Frontiers and Research Opportunities. Shock, 2020, 53, 269-276.	1.0	12

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91	Impact of bystander-focused public health interventions on cardiopulmonary resuscitation and survival: a cohort study. Lancet Public Health, The, 2020, 5, e428-e436.	4.7	43
92	Risk stratification of patients with atrial fibrillation in the emergency department. American Journal of Emergency Medicine, 2020, 38, 1807-1815.	0.7	4
93	Long-term effect of hyperoxemia during chronic obstructive pulmonary disease exacerbation managed by emergency medical service and emergency department: a prospective, exploratory study. European Journal of Emergency Medicine, 2020, 27, 461-467.	0.5	0
94	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.	1.6	22
95	Is your unconscious patient in cardiac arrest? A New protocol for telephonic diagnosis by emergency medical call-takers: A national study. Resuscitation, 2020, 155, 199-206.	1.3	6
96	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.	1.0	10
97	A conceptual framework for Emergency department design in a pandemic. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 118.	1.1	18
98	Modeling Helping Behavior in Emergency Evacuations Using Volunteerâ€™s Dilemma Game. Lecture Notes in Computer Science, 2020, , 513-523.	1.0	4
99	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.	1.2	28
100	Coronavirus disease 2019 (COVID-19): an evidence map of medical literature. BMC Medical Research Methodology, 2020, 20, 177.	1.4	68
101	Emergency medical services use and its association with acute ischaemic stroke evaluation and treatment in Singapore. Stroke and Vascular Neurology, 2020, 5, 121-127.	1.5	11
102	Validation of the ROSC after cardiac arrest (RACA) score in Pan-Asian out-of-hospital cardiac arrest patients. Resuscitation, 2020, 149, 53-59.	1.3	14
103	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.	0.7	15
104	Out-of-hospital cardiac arrest across the World: First report from the International Liaison Committee on Resuscitation (ILCOR). Resuscitation, 2020, 152, 39-49.	1.3	295
105	Sociodemographic and clinical factors for non-hospital deaths among cancer patients: A nationwide population-based cohort study. PLoS ONE, 2020, 15, e0232219.	1.1	11
106	Nationwide trends in residential and non-residential out-of-hospital cardiac arrest and differences in bystander cardiopulmonary resuscitation. Resuscitation, 2020, 151, 103-110.	1.3	2
107	Risk-Based AED Placement - Singapore Case. Lecture Notes in Computer Science, 2020, , 577-590.	1.0	2
108	Remote Ischemic Conditioning in Acute Myocardial Infarction â€“ Implications of the CONDI-2/ERIC-PPCI Trial for Prehospital and Emergency Medicine. Prehospital Emergency Care, 2020, 24, 862-864.	1.0	2

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109	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.	1.6	37
110	Getting R-AEDI to save lives in Singapore. Singapore Medical Journal, 2020, 61, 60-62.	0.3	7
111	Simplified instructional phrasing in dispatcher-assisted cardiopulmonary resuscitation â€“ when â€˜less is moreâ€™. Singapore Medical Journal, 2020, , .	0.3	5
112	Variability in the effects of prehospital advanced airway management on outcomes of patients with out-of-hospital cardiac arrest. Clinical and Experimental Emergency Medicine, 2020, 7, 95-106.	0.5	8
113	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.	2.1	13
114	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.	1.3	64
115	Long-Term Trends in Ischemic Stroke Incidence and Risk Factors: Perspectives from an Asian Stroke Registry. Journal of Stroke, 2020, 22, 396-399.	1.4	10
116	Advancing research in the exciting field of emergency medicine. Singapore Medical Journal, 2020, 61, 58-59.	0.3	0
117	Prediction of ROSC After Cardiac Arrest Using Machine Learning. Studies in Health Technology and Informatics, 2020, 270, 1357-1358.	0.2	2
118	Characteristics of Frequent Users of Emergency Medical Services in Singapore. Prehospital Emergency Care, 2019, 23, 215-224.	1.0	15
119	In pursuit of equity: Shedding light on gender differences in post-arrest care treatment of out-of-hospital cardiac arrest. Resuscitation, 2019, 143, 221-222.	1.3	4
120	Acute Health Impacts of the Southeast Asian Transboundary Haze Problemâ€”A Review. International Journal of Environmental Research and Public Health, 2019, 16, 3286.	1.2	53
121	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.	1.0	11
122	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.	1.2	16
123	Development of a heart rate variability and complexity model in predicting the need for life-saving interventions amongst trauma patients. Burns and Trauma, 2019, 7, 12.	2.3	0
124	Dispatcher-assisted cardiopulmonary resuscitation for paediatric out-of-hospital cardiac arrest: A structured evaluation of communication issues using the SACCIAÂ® safe communication typology. Resuscitation, 2019, 139, 144-151.	1.3	6
125	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.	1.1	14
126	Utility of Spatial Point-Pattern Analysis Using Residential and Workplace Geospatial Information to Localize Potential Outbreak Sources. American Journal of Epidemiology, 2019, 188, 940-949.	1.6	3

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127	Effect of vertical location on survival outcomes for out-of-hospital cardiac arrest in Singapore. Resuscitation, 2019, 139, 24-32.	1.3	11
128	Effect of Housing Type and Neighborhood Socioeconomic Indicators on Survival After Low Falls in Older Adults. Journal of the American Medical Directors Association, 2019, 20, 646-649.	1.2	3
129	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.	1.0	15
130	Most impactful predictors for hyperoxaemia in exacerbation of chronic obstructive pulmonary disease managed by Emergency Medical Services and Emergency Department. Clinical Respiratory Journal, 2019, 13, 256-266.	0.6	2
131	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.	2.0	33
132	Novel model for predicting inpatient mortality after emergency admission to hospital in Singapore: retrospective observational study. BMJ Open, 2019, 9, e031382.	0.8	15
133	Simulation study comparing quality of conventional vs active compression-decompression vs load-distribution band CPR in a confined elevator: the MECHER trial. Resuscitation, 2019, 142, e59-e60.	1.3	1
134	Comparison of two emergency medical services in Beijing and Hong Kong, China. Chinese Medical Journal, 2019, 132, 1372-1374.	0.9	1
135	Validation of the mortality in emergency department sepsis (MEDS) score in a Singaporean cohort. Medicine (United States), 2019, 98, e16962.	0.4	5
136	Outcomes and modifiable resuscitative characteristics amongst pan-Asian out-of-hospital cardiac arrest occurring at night. Medicine (United States), 2019, 98, e14611.	0.4	8
137	Evaluation of culture-specific popular music as a mental metronome for cardiopulmonary resuscitation: a randomised crossover trial. Proceedings of Singapore Healthcare, 2019, 28, 159-166.	0.2	2
138	Ethnic and Neighborhood Socioeconomic Differences In Incidence and Survival From Out-Of-Hospital Cardiac Arrest In Singapore. Prehospital Emergency Care, 2019, 23, 619-630.	1.0	14
139	Predicting hospital admission at the emergency department triage: A novel prediction model. American Journal of Emergency Medicine, 2019, 37, 1498-1504.	0.7	64
140	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.	0.5	19
141	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.	1.2	15
142	Can we understand population healthcare needs using electronic medical records?. Singapore Medical Journal, 2019, 60, 446-453.	0.3	5
143	Explainable AI. , 2019, , .		3
144	Haptoglobin use and acute kidney injury requiring renal replacement therapy among patients with severe burn injury: a nationwide database study. Annals of Clinical Epidemiology, 2019, 1, 69-75.	0.3	1

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145	Out-of-hospital cardiac arrest: prehospital management. Lancet, The, 2018, 391, 980-988.	6.3	148
146	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.	1.3	47
147	COSCA (Core Outcome Set for Cardiac Arrest) in Adults: An Advisory Statement From the International Liaison Committee on Resuscitation. Resuscitation, 2018, 127, 147-163.	1.3	141
148	Extravascular lung water measurements in acute respiratory distress syndrome. Current Opinion in Critical Care, 2018, 24, 209-215.	1.6	44
149	Screening for panic-related anxiety in emergency department patients with cardiopulmonary complaints: A comparison of two self-report instruments. Psychiatry Research, 2018, 263, 7-14.	1.7	7
150	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.	0.4	11
151	Integrating heart rate variability, vital signs, electrocardiogram, and troponin to triage chest pain patients in the ED. American Journal of Emergency Medicine, 2018, 36, 185-192.	0.7	9
152	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.	0.7	43
153	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.	0.7	13
154	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.	0.3	62
155	Heart Rate Variability Analysis in Patients Who Have Bradycardia Presenting to the Emergency Department with Chest Pain. Journal of Emergency Medicine, 2018, 54, 273-280.	0.3	4
156	Reasons for emergency department visits among advanced cancer patients in their last week of life. Proceedings of Singapore Healthcare, 2018, 27, 59-62.	0.2	2
157	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.	0.8	12
158	Global resuscitation alliance consensus recommendations for developing emergency care systems: Reducing perinatal mortality. Resuscitation, 2018, 133, 71-74.	1.3	5
159	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.	0.8	34
160	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.	0.3	26
161	Influence of comorbidities and clinical prediction model on neurological prognostication post out-of-hospital cardiac arrest. Heart Asia, 2018, 10, e011016.	1.1	5
162	The relationship between workload and length of stay in Singapore. Health Policy, 2018, 122, 769-774.	1.4	0

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163	Cancer patients as frequent attenders in emergency departments: A national cohort study. Cancer Medicine, 2018, 7, 4434-4446.	1.3	18
164	Knowledge and attitudes of Singapore schoolchildren learning cardiopulmonary resuscitation and automated external defibrillator skills. Singapore Medical Journal, 2018, 59, 487-499.	0.3	14
165	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.	0.5	15
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