Andrew Fu Wah Ho

List of Publications by Year in descending order

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126 papers 1,865 citations

304743 22 h-index 377865 34 g-index

144 all docs

144 docs citations

times ranked

144

2123 citing authors

#	Article	IF	Citations
1	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
2	Containing COVIDâ€19 in the Emergency Department: The Role of Improved Case Detection and Segregation of Suspect Cases. Academic Emergency Medicine, 2020, 27, 379-387.	1.8	101
3	Coronavirus disease 2019 (COVID-19): an evidence map of medical literature. BMC Medical Research Methodology, 2020, 20, 177.	3.1	68
4	Associations between gender and cardiac arrest outcomes in Pan-Asian out-of-hospital cardiac arrest patients. Resuscitation, 2016, 102, 116-121.	3.0	57
5	Barriers to dispatcher-assisted cardiopulmonary resuscitation in Singapore. Resuscitation, 2016, 105, 149-155.	3.0	54
6	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
7	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
8	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
9	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
10	Global resuscitation alliance utstein recommendations for developing emergency care systems to improve cardiac arrest survival. Resuscitation, 2018, 132, 85-89.	3.0	38
11	Prehospital Trauma Care in Singapore. Prehospital Emergency Care, 2015, 19, 409-415.	1.8	37
12	Timeâ€Stratified Case Crossover Study of the Association of Outdoor Ambient Air Pollution With the Risk of Acute Myocardial Infarction in the Context of Seasonal Exposure to the Southeast Asian Haze Problem. Journal of the American Heart Association, 2019, 8, e011272.	3.7	36
13	Health impacts of the Southeast Asian haze problem – 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
14	A novel heart rate variability based risk prediction model for septic patients presenting to the emergency department. Medicine (United States), 2018, 97, e10866.	1.0	34
15	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
16	Left Atrial Volume Index Predicts New-Onset Atrial Fibrillation and Stroke Recurrence in Patients with Embolic Stroke of Undetermined Source. Cerebrovascular Diseases, 2020, 49, 285-291.	1.7	32
17	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
18	Forecasting Hospital Emergency Department Patient Volume Using Internet Search Data. IEEE Access, 2019, 7, 93387-93395.	4.2	29

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19	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
20	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
21	Artificial intelligence in emergency medicine. Journal of Emergency and Critical Care Medicine, 0, 2, 82-82.	0.7	27
22	Optimal glucose, HbA1c, glucose-HbA1c ratio and stress-hyperglycaemia ratio cut-off values for predicting 1-year mortality in diabetic and non-diabetic acute myocardial infarction patients. Cardiovascular Diabetology, 2021, 20, 211.	6.8	27
23	Long-term outcomes after out-of-hospital cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 171, 15-29.	3.0	27
24	Electric bicycle-related injuries presenting to a provincial hospital in China. Medicine (United States), 2017, 96, e7395.	1.0	26
25	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
26	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
27	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
28	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
29	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
30	Performance of the LACE index to identify elderly patients at high risk for hospital readmission in Singapore. Medicine (United States), 2017, 96, e6728.	1.0	22
31	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
32	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
33	Ensemble-Based Risk Scoring with Extreme Learning Machine for Prediction of Adverse Cardiac Events. Cognitive Computation, 2017, 9, 545-554.	5.2	21
34	Effect of coronavirus infection on the human heart: A scoping review. European Journal of Preventive Cardiology, 2020, 27, 1136-1148.	1.8	21
35	Association between smoking status and outcomes in myocardial infarction patients undergoing percutaneous coronary intervention. Scientific Reports, 2021, 11, 6466.	3.3	19
36	Deep Cerebral Venous Thrombosis Treatment. Clinical Neuroradiology, 2020, 30, 661-670.	1.9	18

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37	The Lipid Paradox is present in ST-elevation but not in non-ST-elevation myocardial infarction patients: Insights from the Singapore Myocardial Infarction Registry. Scientific Reports, 2020, 10, 6799.	3.3	18
38	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
39	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
40	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
41	Clinical scores for risk stratification of chest pain patients in the emergency department: an updated systematic review. Journal of Emergency and Critical Care Medicine, 2018, 2, 16-16.	0.7	15
42	Novel model for predicting inpatient mortality after emergency admission to hospital in Singapore: retrospective observational study. BMJ Open, 2019, 9, e031382.	1.9	15
43	Platelet inhibition to target reperfusion injury trial: Rationale and study design. Clinical Cardiology, 2019, 42, 5-12.	1.8	15
44	The Relationship Between Air Pollution and All-Cause Mortality in Singapore. Atmosphere, 2020, 11, 9.	2.3	15
45	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
46	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
47	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
48	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
49	Utility of a Medical Alert Protection System compared to telephone follow-up only for home-alone elderly presenting to the ED $\hat{a}\in "$ A randomized controlled trial. American Journal of Emergency Medicine, 2018, 36, 594-601.	1.6	13
50	Remote ischemic conditioning in ST-segment elevation myocardial infarction - an update. Conditioning Medicine, 2018, 1, 13-22.	1.3	13
51	Remote Ischemic Conditioning in Emergency Medicine—Clinical Frontiers and Research Opportunities. Shock, 2020, 53, 269-276.	2.1	12
52	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
53	Comparison of Mortality Outcomes in Acute Myocardial Infarction Patients With or Without Standard Modifiable Cardiovascular Risk Factors. Frontiers in Cardiovascular Medicine, 2022, 9, 876465.	2.4	12
54	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

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55	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
56	Effect of vertical location on survival outcomes for out-of-hospital cardiac arrest in Singapore. Resuscitation, 2019, 139, 24-32.	3.0	11
57	Effect of remote ischemic preConditioning on liver injury in patients undergoing liver resection: the ERIC-LIVER trial. Hpb, 2020, 22, 1250-1257.	0.3	11
58	Transportation during and after cardiac arrest: who, when, how and where?. Current Opinion in Critical Care, 2021, 27, 223-231.	3.2	11
59	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
60	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
61	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.	1.0	10
62	Risk stratification for prediction of adverse coronary events in emergency department chest pain patients with a machine learning score compared with the TIMI score. International Journal of Cardiology, 2014, 177, 1095-1097.	1.7	9
63	Prehospital system delay in patients with ST-segment elevation myocardial infarction in Singapore. World Journal of Emergency Medicine, 2015, 6, 277.	1.0	9
64	Manifold ranking based scoring system with its application to cardiac arrest prediction: A retrospective study in emergency department patients. Computers in Biology and Medicine, 2015, 67, 74-82.	7.0	9
65	Reperfusion treatment delays amongst patients with painless ST segment elevation myocardial infarction. Canadian Journal of Emergency Medicine, 2017, 19, 355-363.	1.1	9
66	Effect of Pretreatment Blood Pressure on Outcomes in Thrombolysed Acute Ischemic Stroke Patients: A Systematic Review and Meta-analysis. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 906-919.	1.6	9
67	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.	1.8	9
68	Outcomes and modifiable resuscitative characteristics amongst pan-Asian out-of-hospital cardiac arrest occurring at night. Medicine (United States), 2019, 98, e14611.	1.0	8
69	Inter-hospital variations in resuscitation processes and outcomes of out-of-hospital cardiac arrests in Singapore. Journal of Emergency and Critical Care Medicine, 0, 3, 21-21.	0.7	8
70	Nation-Wide Observational Study of Cardiac Arrests Occurring in Nursing Homes and Nursing Facilities in Singapore. Annals of the Academy of Medicine, Singapore, 2020, 49, 285-293.	0.4	8
71	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.	4.3	8
72	Association of High-Volume Centers With Survival Outcomes Among Patients With Nontraumatic Out-of-Hospital Cardiac Arrest. JAMA Network Open, 2022, 5, e2214639.	5.9	8

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73	Prehospital presentation of patients with ST-segment elevation myocardial infarction in Singapore. International Journal of Cardiology, 2013, 168, 4273-4276.	1.7	7
74	Utilizing machine learning dimensionality reduction for risk stratification of chest pain patients in the emergency department. BMC Medical Research Methodology, 2021, 21, 74.	3.1	7
75	Drone-delivered automated external defibrillators: How to site them?. Resuscitation, 2021, 163, 189-190.	3.0	7
76	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.	3 . 5	7
77	Prevalence of intracranial hemorrhage amongst patients presenting with out-of-hospital cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 176, 136-149.	3.0	7
78	The Effect of Availability of Manpower on Trauma Resuscitation Times in a Tertiary Academic Hospital. PLoS ONE, 2016, 11, e0154595.	2.5	6
79	Global resuscitation alliance consensus recommendations for developing emergency care systems: Reducing perinatal mortality. Resuscitation, 2018, 133, 71-74.	3.0	5
80	Comparison of inhalational methoxyflurane (Penthrox $\hat{A}^{@}$) and intramuscular tramadol for prehospital analgesia. Singapore Medical Journal, 2021, 62, 281-286.	0.6	5
81	Impact of Air Pollution and Trans-Boundary Haze on Nation-Wide Emergency Department Visits and Hospital Admissions in Singapore. Annals of the Academy of Medicine, Singapore, 2020, 49, 78-87.	0.4	5
82	Development and validation of an interpretable machine learning scoring tool for estimating time to emergency readmissions. EClinicalMedicine, 2022, 45, 101315.	7.1	5
83	Development and validation of an interpretable clinical score for early identification of acute kidney injury at the emergency department. Scientific Reports, 2022, 12, 7111.	3.3	5
84	Negative interaction between nitrates and remote ischemic preconditioning in patients undergoing cardiac surgery: the ERIC-GTN and ERICCA studies. Basic Research in Cardiology, 2022, 117 , .	5.9	5
85	An essential review of Singapore's response to out-of-hospital cardiac arrests: improvements over a ten-year period. Singapore Medical Journal, 2021, 62, 438-443.	0.6	4
86	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.	2.9	4
87	Determinants of emergency department utilisation by older adults in Singapore: A systematic review. Annals of the Academy of Medicine, Singapore, 2022, 51, 170-179.	0.4	4
88	The Effect of Building-Level Socioeconomic Status on Bystander Cardiopulmonary Resuscitation: A Retrospective Cohort Study. Prehospital Emergency Care, 2023, 27, 205-212.	1.8	4
89	Long term risk of recurrence among survivors of sudden cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2022, 176, 30-41.	3.0	4
90	Implementation of prediction models in the emergency department from an implementation science perspective—Determinants, outcomes and real-world impact: A scoping review protocol. PLoS ONE, 2022, 17, e0267965.	2.5	4

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91	Clustering of Environmental Parameters and the Risk of Acute Myocardial Infarction. International Journal of Environmental Research and Public Health, 2022, 19, 8476.	2.6	4
92	Antiarrhythmic drugs in out-of-hospital cardiac arrestâ€"what does the Amiodarone, Lidocaine, or Placebo Study tell us?. Journal of Thoracic Disease, 2016, 8, E604-E606.	1.4	3
93	Maximum expected survival rate model for public access defibrillator placement. Resuscitation, 2022, 170, 213-221.	3.0	3
94	The role of head-up cardiopulmonary resuscitation in sudden cardiac arrest: a systematic review and meta-analysis. Annals of Translational Medicine, 2022, 10, 515-515.	1.7	3
95	Community-level socioeconomic status and the role of the hospital: Does where you have an arrest affect receipt of post-arrest care?. Resuscitation, 2022, 176, 27-29.	3.0	3
96	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.	0.6	2
97	Nationwide trends in residential and non-residential out-of-hospital cardiac arrest and differences in bystander cardiopulmonary resuscitation. Resuscitation, 2020, 151, 103-110.	3.0	2
98	Remote Ischemic Conditioning in Acute Myocardial Infarction – Implications of the CONDI-2/ERIC-PPCI Trial for Prehospital and Emergency Medicine. Prehospital Emergency Care, 2020, 24, 862-864.	1.8	2
99	Cardiac Arrest Occurring in High-Rise Buildings: A Scoping Review. Journal of Clinical Medicine, 2021, 10, 4684.	2.4	2
100	Association of air pollution with acute ischemic stroke risk in Singapore: a time-stratified case-crossover study. International Journal of Stroke, 0, , 174749302110667.	5.9	2
101	Comparative efficacy of anaesthetic methods for closed reduction of paediatric forearm fractures: a systematic review. Emergency Medicine Journal, 2022, 39, 888-896.	1.0	2
102	A Descriptive Analysis of the Impact of COVID-19 on Emergency Department Attendance and Visit Characteristics in Singapore. Covid, 2021, 1, 739-750.	1.5	2
103	Prediction of ROSC After Cardiac Arrest Using Machine Learning. Studies in Health Technology and Informatics, 2020, 270, 1357-1358.	0.3	2
104	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.	3.0	2
105	Atypical Presentation of Traumatic Aortic Injury. Case Reports in Emergency Medicine, 2014, 2014, 1-3.	0.3	1
106	Letter to the Editor: Compression Rate during Cardiopulmonary Resuscitation. Journal of Korean Medical Science, 2016, 31, 1851.	2.5	1
107	Evaluating the safety and efficacy of intravenous thrombolysis for acute ischemic stroke patients with a history of intracerebral hemorrhage: a systematic review and meta-analysis. Journal of Thrombosis and Thrombolysis, 2022, 53, 485-494.	2.1	1
108	Incidence, characteristics and complications of dispatcher-assisted cardiopulmonary resuscitation initiated in patients not in cardiac arrest. Resuscitation, 2021, , .	3.0	1

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109	Nation-Wide Observational Study of Cardiac Arrests Occurring in Nursing Homes and Nursing Facilities in Singapore. Annals of the Academy of Medicine, Singapore, 2020, 49, 285-293.	0.4	1
110	Anaesthesia and analgesia in the emergency care setting for treating distal radius fractures in adults. The Cochrane Library, 2022, 2022, .	2.8	1
111	Emergency department utilisation among older adultsâ€"Protocol for a systematic review of determinants and conceptual frameworks. PLoS ONE, 2022, 17, e0265423.	2.5	1
112	MP6-08 A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF THE EFFECTS OF POMEGRANATE EXTRACT ON RISING PROSTATE SPECIFIC ANTIGEN (PSA) LEVELS IN MEN FOLLOWING PRIMARY THERAPY FOR PROSTATE CANCER. Journal of Urology, 2015, 193, .	0.4	0
113	Man with back pain and fever. Canadian Journal of Emergency Medicine, 2018, 20, 313-314.	1.1	0
114	Reply: Infective endocarditis and its neurological complications. QJM - Monthly Journal of the Association of Physicians, 2019, 113, 148-149.	0.5	0
115	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.	4.9	0
116	14â€A novel representation of ECG beat-to-beat variation. , 2019, , .		0
117	Differences in Bystander CPR Improvement between Residential and Non-residential Cardiac Arrest. Journal of Emergency Medicine, 2020, 59, 761-764.	0.7	0
118	Abstract P607: Interplay Between Post-Myocardial Infarction Left Ventricular Systolic Dysfunction and Atrial Fibrillation: Prognostic Implications for Post-Myocardial Infarction Acute Ischaemic Stroke. Stroke, 2021, 52, .	2.0	0
119	Gender Disparities Among Adult Recipients of Layperson Bystander Cardiopulmonary Resuscitation by Location of Cardiac Arrest in Pan-Asian Communities. SSRN Electronic Journal, 0, , .	0.4	0
120	Abstract 10508: Variation in Community and Emergency Medical Systems Processes for Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic: A Systematic Review and Meta-Analysis. Circulation, 2021, 144, .	1.6	0
121	Development and Validation of an Interpretable Prehospital Return of Spontaneous Circulation (P-ROSC) Score for Out-of-Hospital Cardiac Arrest Patients Using Machine Learning. SSRN Electronic Journal, 0, , .	0.4	0
122	Abstract 12051: Impact of COVID-19 on Barriers to Dispatcher-Assisted Cardiopulmonary Resuscitation in Adult Out-of-Hospital Cardiac Arrests in Singapore. Circulation, 2021, 144, .	1.6	0
123	Abstract 12185: Impact of Cardiac Arrest Centers on the Survival of Nontraumatic Out-of-Hospital Cardiac Arrest Patients: A Systematic Review and Meta-Analysis. Circulation, 2021, 144, .	1.6	0
124	Cardiac arrest centres: what, who, when, and where?. Current Opinion in Critical Care, 2022, 28, 262-269.	3.2	0
125	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.	0.4	0
126	The role of passive leg raise during cardiopulmonary resuscitation in sudden cardiac arrest: a systematic review and meta-analysis. Journal of EMS Medicine, 0, , .	0.0	0