Wen-Chu Chiang

List of Publications by Year
in descending order

138	3,634	147801	144013
papers	citations	31	57
		h-index	g-index

142	142	142	3690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epidemiology and Prehospital Care of Pediatric Unintentional Injuries Among Countries with Different Economic Status in Asia: A Cross-National, Multi-Center Observational Study. Prehospital Emergency Care, 2023, 27, 227-237.	1.8	2
2	Expanding resources of endovascular thrombectomy: An optimization model. Journal of the Formosan Medical Association, 2022, 121, 978-985.	1.7	2
3	Effect of Nighttime on Prehospital Care and Outcomes of Road Traffic Injuries in Asia: A Cross-Sectional Study of Data from the Pan-Asian Trauma Outcomes Study (PATOS). Prehospital Emergency Care, 2022, 26, 573-581.	1.8	4
4	Association between the time to definitive care and trauma patient outcomes: every minute in the golden hour matters. European Journal of Trauma and Emergency Surgery, 2022, 48, 2709-2716.	1.7	15
5	Elderly Man With Out-of-hospital Cardiac Arrest. Annals of Emergency Medicine, 2022, 79, 78-80.	0.6	0
6	Emergency medical response in mass casualty incidents considering the traffic congestions in proximity on-site and hospital delays. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102591.	7.4	17
7	Core Ultrasound in REsuscitation (CURE): A novel protocol for ultrasound-assistant life support via application of both transesophageal and transthoracic ultrasound. Resuscitation, 2022, 173, 1-3.	3.0	5
8	Effect of Placement of a Supraglottic Airway Device vs Endotracheal Intubation on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest in Taipei, Taiwan. JAMA Network Open, 2022, 5, e2148871.	5.9	14
9	A multicenter cohort study on the association between prehospital immobilization and functional outcome of patients following spinal injury in Asia. Scientific Reports, 2022, 12, 3492.	3.3	8
10	Outcomes of out-of-hospital cardiac arrests after a decade of system-wide initiatives optimising community chain of survival in Taipei city. Resuscitation, 2022, 172, 149-158.	3.0	9
11	Association between prehospital fluid resuscitation with crystalloids and outcome of trauma patients in Asia by a cross-national multicenter cohort study. Scientific Reports, 2022, 12, 4100.	3.3	8
12	Prehospital‐Stroke‐Scale Parameterized Hospital Selection Protocol for Suspected Stroke Patients Considering Door‐to‐Treatment Durations. Journal of the American Heart Association, 2022, 11, e023760.	3.7	1
13	A Woman with Chest Pain and Collapse. Annals of Emergency Medicine, 2022, 79, 353-387.	0.6	0
14	Influence of advanced life support response time on out-of-hospital cardiac arrest patient outcomes in Taipei. PLoS ONE, 2022, 17, e0266969.	2.5	3
15	Man with a Sore Throat. Annals of Emergency Medicine, 2022, 79, 451-484.	0.6	0
16	Machine Learning‐Based Text Analysis to Predict Severely Injured Patients in Emergency Medical Dispatch: Model Development and Validation. Journal of Medical Internet Research, 2022, 24, e30210.	4.3	5
17	The preventability of trauma-related death: A two-year cohort study in a trauma center in middle Taiwan. Injury, 2022, 53, 3039-3046.	1.7	2
18	Objective performance of emergency medical technicians in the use of mechanical cardiopulmonary resuscitation compared with subjective self-evaluation: a cross-sectional, simulation-based study. BMJ Open, 2022, 12, e062908.	1.9	1

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19	A prediction model for patients with emergency medical service witnessed out-of-hospital cardiac arrest. Journal of the Formosan Medical Association, 2021, 120, 1229-1236.	1.7	6
20	External validation of prehospital stroke scales for emergent large vessel occlusion. American Journal of Emergency Medicine, 2021, 41, 35-39.	1.6	1
21	Barriers to bystanders defibrillation: A national survey on public awareness and willingness of bystanders defibrillationâ¯†. Journal of the Formosan Medical Association, 2021, 120, 974-982.	1.7	10
22	A non-inferiority randomised controlled trial comparing self-instruction with instructor-led method in training of layperson cardiopulmonary resuscitation. Scientific Reports, 2021, 11, 991.	3.3	4
23	A Woman with Out-of-hospital Cardiac Arrest. Annals of Emergency Medicine, 2021, 77, 463-468.	0.6	1
24	Letter to the editor concerning "Time to surgery: Is it truly crucial in initially stable patients with penetrating injury?". Injury, 2021, 52, 3528-3529.	1.7	2
25	Strategies on locations of public access defibrillator: A systematic review. American Journal of Emergency Medicine, 2021, 47, 52-57.	1.6	7
26	Early recognition of a callerâ€™s emotion in out-of-hospital cardiac arrest dispatching: An artificial intelligence approach. Resuscitation, 2021, 167, 144-150.	3.0	7
27	A Man With Out-of-Hospital Cardiac Arrest. Annals of Emergency Medicine, 2021, 78, e69-e70.	0.6	0
28	Developing and validating a model for predicting 7-day mortality of patients admitted from the emergency department: an initial alarm score by a prospective prediction model study. BMJ Open, 2021, 11, e040837.	1.9	3
29	Effect of Field Triage Training on Emergency Medical Technicians in Taipei City. Journal of Acute Medicine, 2021, 11, 22-27.	0.2	0
30	A Novel Assessment Using a Panoramic Video Camera of Resuscitation Quality in Patients following Out-of-Hospital Cardiac Arrest. Prehospital Emergency Care, 2021, , 1-4.	1.8	1
31	Redistributing medical resources for a bypass strategy for large vessel occlusion: a community-based study. Journal of NeuroInterventional Surgery, 2020, 12, 98-103.	3.3	1
32	Using G-FAST to recognize emergent large vessel occlusion: a training program for a prehospital bypass strategy. Journal of NeuroInterventional Surgery, 2020, 12, 104-108.	3.3	2
33	Reply to: Taipei Azalea: Another example of â€œMacGyver biasâ€•during COVID-19 pandemic?. Resuscitation, 2020, 154, 125-126.	3.0	0
34	Video of cardiopulmonary resuscitation induced consciousness during ventricular fibrillation. Resuscitation, 2020, 155, 22-23.	3.0	6
35	Optimal paramedic numbers in resuscitation of patients with out-of-hospital cardiac arrest: A randomized controlled study in a simulation setting. PLoS ONE, 2020, 15, e0235315.	2.5	13
36	Taipei Azalea â€" Supraglottic airways (SGA) preassembled with high-efficiency particulate air (HEPA) filters to simplify prehospital airway management for patients with out-of-hospital cardiac arrests (OHCA) during Coronavirus Disease 2019 (COVID-19) pandemic. Resuscitation, 2020, 151, 3-5.	3.0	12

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37	Association between prehospital time and outcome of trauma patients in 4 Asian countries: A cross-national, multicenter cohort study. PLoS Medicine, 2020, 17, e1003360.	8.4	38
38	Experiences and Psychological Influences in Lay Rescuers Performing Bystander Cardiopulmonary Resuscitation: A Qualitative Study. Journal of Acute Medicine, 2020, 10, 138-148.	0.2	2
39	Title is missing!. , 2020, 17, e1003360.		0
40	Title is missing!. , 2020, 17, e1003360.		0
41	Title is missing!. , 2020, 17, e1003360.		0
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46	Title is missing!. , 2020, 15, e0235315.		0
47	Title is missing!. , 2020, 15, e0235315.		0
48	Title is missing!. , 2020, 15, e0235315.		0
49	Title is missing!. , 2020, 15, e0235315.		0
50	Interventions to improve the quality of bystander cardiopulmonary resuscitation: A systematic review. PLoS ONE, 2019, 14, e0211792.	2.5	30
51	Public knowledge, attitudes and willingness regarding bystander cardiopulmonary resuscitation: A nationwide survey in Taiwan. Journal of the Formosan Medical Association, 2019, 118, 572-581.	1.7	41
52	Comparison of trauma systems in Asian countries: a cross-sectional study. Clinical and Experimental Emergency Medicine, 2019, 6, 321-329.	1.6	4
53	Quality of audio-assisted versus video-assisted dispatcher-instructed bystander cardiopulmonary resuscitation: A systematic review and meta-analysis. Resuscitation, 2018, 123, 77-85.	3.0	67
54	The Effect of Successful Intubation on Patient Outcomes After Out-of-Hospital Cardiac Arrest inÂTaipei. Annals of Emergency Medicine, 2018, 71, 387-396.e2.	0.6	32

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55	The effect of the number and level of emergency medical technicians on patient outcomes following out of hospital cardiac arrest in Taipei. Resuscitation, 2018, 122, 48-53.	3.0	38
56	The effect and associated factors of dispatcher recognition of stroke: A retrospective observational study. Journal of the Formosan Medical Association, 2018, 117, 902-908.	1.7	11
57	Pan-Asian Trauma Outcomes Study (PATOS): Rationale and Methodology of an International and Multicenter Trauma Registry. Prehospital Emergency Care, 2018, 22, 58-83.	1.8	43
58	A novel depth estimation algorithm of chest compression for feedback of high-quality cardiopulmonary resuscitation based on a smartwatch. Journal of Biomedical Informatics, 2018, 87, 60-65.	4.3	18
59	The effect of different retraining intervals on the skill performance of cardiopulmonary resuscitation in laypeople—A three-armed randomized control study. Resuscitation, 2018, 128, 151-157.	3.0	22
60	Performance of a simplified termination of resuscitation rule for adult traumatic cardiopulmonary arrest in the prehospital setting. Emergency Medicine Journal, 2017, 34, 39-45.	1.0	11
61	Comparison of Emergency Medical Services and Trauma Care Systems Among Pan-Asian Countries: An International, Multicenter, Population-Based Survey. Prehospital Emergency Care, 2017, 21, 242-251.	1.8	20
62	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
63	Comparing the effect of self-instruction with that of traditional instruction in basic life support courses—A systematic review. Resuscitation, 2016, 108, 8-19.	3.0	34
64	Effect of prehospital notification on acute stroke care: a multicenter study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 57.	2.6	39
65	Improved performance of new prenotification criteria for acute stroke patients. Journal of the Formosan Medical Association, 2016, 115, 257-262.	1.7	5
66	Prehospital intravenous epinephrine may boost survival of patients with traumatic cardiac arrest: a retrospective cohort study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 102.	2.6	22
67	The relationship between survival after out-of-hospital cardiac arrest and process measures for emergency medical service ambulance team performance. Resuscitation, 2015, 97, 55-60.	3.0	10
68	Predictive performance of universal termination of resuscitation rules in an Asian community: are they accurate enough?. Emergency Medicine Journal, 2015, 32, 318-323.	1.0	36
69	Utilization of emergency medical service increases chance of thrombolytic therapy in patients with acute ischemic stroke. Journal of the Formosan Medical Association, 2014, 113, 813-819.	1.7	9
70	Method-specific performance of vancomycin MIC susceptibility tests in predicting mortality of patients with methicillin-resistant Staphylococcus aureus bacteraemia. Journal of Antimicrobial Chemotherapy, 2014, 69, 211-218.	3.0	29
71	Predicting high vancomycin minimum inhibitory concentration isolate infection among patients with community-onset methicillin-resistant Staphylococcus aureus bacteraemia. Journal of Infection, 2014, 69, 259-265.	3.3	6
72	Bystander-initiated CPR in an Asian metropolitan: Does the socioeconomic status matter?. Resuscitation, 2014, 85, 53-58.	3.0	53

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73	Obstacles delaying the prompt deployment of piston-type mechanical cardiopulmonary resuscitation devices during emergency department resuscitation: A video-recording and time-motion study. Resuscitation, 2013, 84, 1208-1213.	3.0	14
74	Electrolyte abnormalities and laboratory findings in patients with out-of-hospital cardiac arrest who have kidney disease. American Journal of Emergency Medicine, 2013, 31, 487-493.	1.6	18
75	A new method to estimate the amplitude spectrum analysis of ventricular fibrillation during cardiopulmonary resuscitation. Resuscitation, 2013, 84, 1505-1511.	3.0	25
76	Factors associated with use of emergency medical services in patients with acute stroke. American Journal of Emergency Medicine, 2013, 31, 788-791.	1.6	8
77	Use of automated external defibrillators in patients with traumatic out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 586-591.	3.0	16
78	Changing epidemiology of community-onset Staphylococcus aureus bacteremia over nine years in an emergency department in Taiwan. Journal of Infection, 2013, 66, 187-189.	3.3	3
79	Reply to Nannini and Arias. Clinical Infectious Diseases, 2013, 56, 1679-1680.	5.8	0
80	Methicillin-Resistant Staphylococcus aureus (MRSA) Staphylococcal Cassette Chromosome mec Genotype Effects Outcomes of Patients With Healthcare-Associated MRSA Bacteremia Independently of Vancomycin Minimum Inhibitory Concentration. Clinical Infectious Diseases, 2012, 55, 1329-1337.	5.8	35
81	Occult Staphylococcus aureus Bacteremia in Adult Emergency Department Patients: Rare but Important. Clinical Infectious Diseases, 2012, 54, 1536-1544.	5.8	10
82	Video recording and feedback of resuscitation. Resuscitation, 2012, 83, e179.	3.0	1
83	A systematic review of retention of adult advanced life support knowledge and skills in healthcare providers. Resuscitation, 2012, 83, 1055-1060.	3.0	242
84	A new way to analyze resuscitation quality by reviewing automatic external defibrillator data. Resuscitation, 2012, 83, 171-176.	3.0	10
85	A randomized trial of compression first or analyze first strategies in patients with out-of-hospital cardiac arrest: Results from an Asian community. Resuscitation, 2012, 83, 806-812.	3.0	28
86	Field performance of clinical case definitions for influenza screening during the 2009 pandemic. American Journal of Emergency Medicine, 2012, 30, 1796-1803.	1.6	13
87	Predicting methicillin resistance among community-onset Staphylococcus aureus bacteremia patients with prior healthcare-associated exposure. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 2727-2736.	2.9	4
88	Challenges in identifying the effect of hospital characteristics on outcomes after out-of-hospital cardiac arrest. Resuscitation, 2012, 83, e32.	3.0	0
89	Basic life support equipped with automated external defibrillator may not be categorized the same as traditional basic life support in meta-analysis. Resuscitation, 2011, 82, e7.	3.0	0
90	Differences between methicillin-resistant Staphylococcus aureus bacteremic isolates harboring type IV and type V staphylococcal cassette chromosome mec genes based on prior patient healthcare exposure. European Journal of Clinical Microbiology and Infectious Diseases, 2010, 29, 1539-1546.	2.9	8

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91	Detrended fluctuation analysis predicts successful defibrillation for out-of-hospital ventricular fibrillation cardiac arrest. Resuscitation, 2010, 81, 297-301.	3.0	45
92	Statistical considerations in assessing the impact of hospital characteristics and cardiac arrest survival. Resuscitation, 2010, 81, 1586.	3.0	1
93	Queer consequence of cough: atrial myxoma embolization with acute occlusion of the abdominal aorta. American Journal of Emergency Medicine, 2010, 28, 261.e1-261.e2.	1.6	5
94	What Is the Correct Depth of Chest Compression for Infants and Children? A Radiological Study. Pediatrics, 2009, 124, 49-55.	2.1	44
95	EMS in Taiwan: Past, present, and future. Resuscitation, 2009, 80, 9-13.	3.0	40
96	Impact of liver cirrhosis on mortality in patients with community-acquired bacteremia. Diagnostic Microbiology and Infectious Disease, 2009, 64, 124-130.	1.8	30
97	Sunitinib-induced myxedema coma. American Journal of Emergency Medicine, 2009, 27, 370.e1-370.e3.	1.6	18
98	Interactive video instruction improves the quality of dispatcher-assisted chest compression-only cardiopulmonary resuscitation in simulated cardiac arrests*. Critical Care Medicine, 2009, 37, 490-495.	0.9	60
99	Comprehensive evaluation for quality of prehospital CPR. Resuscitation, 2008, 78, 98-99.	3.0	3
100	Lack of compliance with basic infection control measures during cardiopulmonary resuscitationâ€"Are we ready for another epidemic?. Resuscitation, 2008, 77, 356-362.	3.0	12
101	Impact of adding video communication to dispatch instructions on the quality of rescue breathing in simulated cardiac arrestsâ€"A randomized controlled study. Resuscitation, 2008, 78, 327-332.	3.0	45
102	Bacteremia in Previously Hospitalized Patients: Prolonged Effect From Previous Hospitalization and Risk Factors for Antimicrobial-Resistant Bacterial Infections. Annals of Emergency Medicine, 2008, 51, 639-646.	0.6	18
103	Application of tele-ultrasound in medical emergency services. , 2008, , .		0
104	Application of Tele-Ultrasound in Emergency Medical Services. Telemedicine Journal and E-Health, 2008, 14, 816-824.	2.8	37
105	Comparison of Both Clinical Features and Mortality Risk Associated with Bacteremia due to Community-Acquired Methicillin-Resistant Staphylococcus aureus and Methicillin-Susceptible S. aureus. Clinical Infectious Diseases, 2008, 46, 799-806.	5.8	148
106	PROGNOSTIC VALUE OF MORTALITY IN EMERGENCY DEPARTMENT SEPSIS SCORE, PROCALCITONIN, AND C-REACTIVE PROTEIN IN PATIENTS WITH SEPSIS AT THE EMERGENCY DEPARTMENT. Shock, 2008, 29, 322-327.	2.1	97
107	Rapidly Fatal Gasâ€"Forming Pyogenic Psoas Abscess Caused byKlebsiella pneumoniae. Clinical Infectious Diseases, 2007, 44, 1253-1255.	5.8	3
108	Image pitfall of computed tomography in diagnosis of aortic dissection. American Journal of Emergency Medicine, 2007, 25, 127-129.	1.6	3

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109	Predictive model of antimicrobial-resistant Gram-negative bacteremia at the ED. American Journal of Emergency Medicine, 2007, 25, 597-607.	1.6	14
110	The effect of hydrocortisone on the outcome of out-of-hospital cardiac arrest patients: a pilot study. American Journal of Emergency Medicine, 2007, 25, 318-325.	1.6	73
111	Delayed Fluid Resuscitation in Hemorrhagic Shock Induces Proinflammatory Cytokine Response. Annals of Emergency Medicine, 2007, 49, 37-44.	0.6	40
112	Evaluation of emergency medical dispatch in out-of-hospital cardiac arrest in Taipei. Resuscitation, 2007, 73, 236-245.	3.0	51
113	Video-recording and time-motion analyses of manual versus mechanical cardiopulmonary resuscitation during ambulance transport. Resuscitation, 2007, 74, 453-460.	3.0	73
114	Outcomes from out-of-hospital cardiac arrest in Metropolitan Taipei: Does an advanced life support service make a difference?. Resuscitation, 2007, 74, 461-469.	3.0	78
115	EFFECT OF DIFFERENT RESUSCITATION FLUIDS ON CYTOKINE RESPONSE IN A RAT MODEL OF HEMORRHAGIC SHOCK. Shock, 2005, 24, 177-181.	2.1	45
116	Better adherence to the guidelines during cardiopulmonary resuscitation through the provision of audio-prompts. Resuscitation, 2005, 64, 297-301.	3.0	74
117	Infections in the survivors of out-of-hospital cardiac arrest in the first 7 days. Intensive Care Medicine, 2005, 31, 621-626.	8.2	661
118	Occult spontaneous pneumomediastinum. American Journal of Emergency Medicine, 2005, 23, 410-411.	1.6	4
119	Should bleeding tendency deter abdominal paracentesis?. Digestive and Liver Disease, 2005, 37, 946-951.	0.9	57
120	A Clinical Prediction Rule for the Severe Acute Respiratory Syndrome. Annals of Internal Medicine, 2005, 142, 225.	3.9	4
121	Detection of SARS-associated Coronavirus in Throat Wash and Saliva in Early Diagnosis. Emerging Infectious Diseases, 2004, 10, 1213-1219.	4.3	210
122	SARS Exposure and Emergency Department Workers. Emerging Infectious Diseases, 2004, 10, 1117-1119.	4.3	28
123	Mycotic Aneurysm Caused by Streptococcus constellatus subsp. constellatus. Journal of Clinical Microbiology, 2004, 42, 1826-1828.	3.9	10
124	Fatal Septicemia and Pyomyositis Caused by Salmonella typhi. Clinical Infectious Diseases, 2004, 39, 1547-1549.	5.8	12
125	Cardiac Involvement in Malignancies. Journal of Clinical Oncology, 2004, 22, 2740-2742.	1.6	3
126	Emergency Medical Services Utilization during an Outbreak of Severe Acute Respiratory Syndrome (SARS) and the Incidence of SARS-associated Coronavirus Infection among Emergency Medical Technicians. Academic Emergency Medicine, 2004, 11, 903-911.	1.8	34

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127	Predictive model of diagnosing probable cases of severe acute respiratory syndrome in febrile patients with exposure risk. Annals of Emergency Medicine, 2004, 43, 1-5.	0.6	49
128	Establishing a clinical decision rule of severe acute respiratory syndrome at the emergency department. Annals of Emergency Medicine, 2004, 43, 17-22.	0.6	24
129	Sequential symptomatic analysis in probable severe acute respiratory syndrome cases. Annals of Emergency Medicine, 2004, 43, 27-33.	0.6	23
130	Validation of a novel severe acute respiratory syndrome scoring system. Annals of Emergency Medicine, 2004, 43, 34-42.	0.6	30
131	Facing an outbreak of highly transmissible disease: problems in emergency department response. Annals of Emergency Medicine, 2004, 44, 93-95.	0.6	7
132	Moyamoya disease: the clue from computed tomography. Journal of Emergency Medicine, 2004, 26, 339-342.	0.7	2
133	Tracheal rupture complicating emergent endotracheal intubation. American Journal of Emergency Medicine, 2004, 22, 289-293.	1.6	96
134	Laryngeal edema and anaphalactic shock after topical propolis use for acute pharyngitis. American Journal of Emergency Medicine, 2004, 22, 432-433.	1.6	31
135	Strategies of Disaster Response in the Health Care System for Tropical Cyclones: Experience Following Typhoon Nari in Taipei City. Academic Emergency Medicine, 2003, 10, 1109-1112.	1.8	7
136	Spontaneous hemopneumothorax: an overlooked life-threatening condition. American Journal of Emergency Medicine, 2003, 21, 343-345.	1.6	14
137	Community-acquired bacteremic cellulitis caused by Acinetobacter baumannii. Journal of the Formosan Medical Association, 2003, 102, 650-2.	1.7	12
138	Problems of Immediate Medical Care at Taipei Community Hospitals During Typhoon Nari, 2001. Prehospital and Disaster Medicine, 2002, 17, S21-S21.	1.3	1