Wen-Chu Chiang

List of Publications by Year in descending order

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		147801	144013
138	3,634	31	57
papers	citations	h-index	g-index
142 all docs	142 docs citations	142 times ranked	3690 citing authors

#	Article	IF	CITATIONS
1	Infections in the survivors of out-of-hospital cardiac arrest in the first 7Âdays. Intensive Care Medicine, 2005, 31, 621-626.	8.2	661
2	A systematic review of retention of adult advanced life support knowledge and skills in healthcare providers. Resuscitation, 2012, 83, 1055-1060.	3.0	242
3	Detection of SARS-associated Coronavirus in Throat Wash and Saliva in Early Diagnosis. Emerging Infectious Diseases, 2004, 10, 1213-1219.	4.3	210
4	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
5	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
6	Tracheal rupture complicating emergent endotracheal intubation. American Journal of Emergency Medicine, 2004, 22, 289-293.	1.6	96
7	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
8	Better adherence to the guidelines during cardiopulmonary resuscitation through the provision of audio-prompts. Resuscitation, 2005, 64, 297-301.	3.0	74
9	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
10	Video-recording and time-motion analyses of manual versus mechanical cardiopulmonary resuscitation during ambulance transport. Resuscitation, 2007, 74, 453-460.	3.0	73
11	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
12	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
13	Should bleeding tendency deter abdominal paracentesis?. Digestive and Liver Disease, 2005, 37, 946-951.	0.9	57
14	Bystander-initiated CPR in an Asian metropolitan: Does the socioeconomic status matter?. Resuscitation, 2014, 85, 53-58.	3.0	53
15	Evaluation of emergency medical dispatch in out-of-hospital cardiac arrest in Taipei. Resuscitation, 2007, 73, 236-245.	3.0	51
16	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
17	EFFECT OF DIFFERENT RESUSCITATION FLUIDS ON CYTOKINE RESPONSE IN A RAT MODEL OF HEMORRHAGIC SHOCK. Shock, 2005, 24, 177-181.	2.1	45
18	Impact of adding video communication to dispatch instructions on the quality of rescue breathing in simulated cardiac arrests—A randomized controlled study. Resuscitation, 2008, 78, 327-332.	3.0	45

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19	Detrended fluctuation analysis predicts successful defibrillation for out-of-hospital ventricular fibrillation cardiac arrest. Resuscitation, 2010, 81, 297-301.	3.0	45
20	What Is the Correct Depth of Chest Compression for Infants and Children? A Radiological Study. Pediatrics, 2009, 124, 49-55.	2.1	44
21	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
22	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
23	Delayed Fluid Resuscitation in Hemorrhagic Shock Induces Proinflammatory Cytokine Response. Annals of Emergency Medicine, 2007, 49, 37-44.	0.6	40
24	EMS in Taiwan: Past, present, and future. Resuscitation, 2009, 80, 9-13.	3.0	40
25	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
26	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
27	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
28	Application of Tele-Ultrasound in Emergency Medical Services. Telemedicine Journal and E-Health, 2008, 14, 816-824.	2.8	37
29	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
30	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
31	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
32	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
33	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
34	Laryngeal edema and anaphalactic shock after topical propolis use for acute pharyngitis. American Journal of Emergency Medicine, 2004, 22, 432-433.	1.6	31
35	Validation of a novel severe acute respiratory syndrome scoring system. Annals of Emergency Medicine, 2004, 43, 34-42.	0.6	30
36	Impact of liver cirrhosis on mortality in patients with community-acquired bacteremia. Diagnostic Microbiology and Infectious Disease, 2009, 64, 124-130.	1.8	30

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37	Interventions to improve the quality of bystander cardiopulmonary resuscitation: A systematic review. PLoS ONE, 2019, 14, e0211792.	2.5	30
38	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
39	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
40	SARS Exposure and Emergency Department Workers. Emerging Infectious Diseases, 2004, 10, 1117-1119.	4.3	28
41	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
42	A new method to estimate the amplitude spectrum analysis of ventricular fibrillation during cardiopulmonary resuscitation. Resuscitation, 2013, 84, 1505-1511.	3.0	25
43	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
44	Sequential symptomatic analysis in probable severe acute respiratory syndrome cases. Annals of Emergency Medicine, 2004, 43, 27-33.	0.6	23
45	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
46	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
47	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
48	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
49	Sunitinib-induced myxedema coma. American Journal of Emergency Medicine, 2009, 27, 370.e1-370.e3.	1.6	18
50	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
51	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
52	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
53	Use of automated external defibrillators in patients with traumatic out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 586-591.	3.0	16
54	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

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55	Spontaneous hemopneumothorax: an overlooked life-threatening condition. American Journal of Emergency Medicine, 2003, 21, 343-345.	1.6	14
56	Predictive model of antimicrobial-resistant Gram-negative bacteremia at the ED. American Journal of Emergency Medicine, 2007, 25, 597-607.	1.6	14
57	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
58	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
59	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
60	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
61	Fatal Septicemia and Pyomyositis Caused by Salmonella typhi. Clinical Infectious Diseases, 2004, 39, 1547-1549.	5.8	12
62	Lack of compliance with basic infection control measures during cardiopulmonary resuscitation—Are we ready for another epidemic?. Resuscitation, 2008, 77, 356-362.	3.0	12
63	Taipei Azalea – 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
64	Community-acquired bacteremic cellulitis caused by Acinetobacter baumannii. Journal of the Formosan Medical Association, 2003, 102, 650-2.	1.7	12
65	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
66	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
67	Mycotic Aneurysm Caused by Streptococcus constellatus subsp. constellatus. Journal of Clinical Microbiology, 2004, 42, 1826-1828.	3.9	10
68	Occult Staphylococcus aureus Bacteremia in Adult Emergency Department Patients: Rare but Important. Clinical Infectious Diseases, 2012, 54, 1536-1544.	5.8	10
69	A new way to analyze resuscitation quality by reviewing automatic external defibrillator data. Resuscitation, 2012, 83, 171-176.	3.0	10
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	Facing an outbreak of highly transmissible disease: problems in emergency department response. Annals of Emergency Medicine, 2004, 44, 93-95.	0.6	7
80	Strategies on locations of public access defibrillator: A systematic review. American Journal of Emergency Medicine, 2021, 47, 52-57.	1.6	7
81	Early recognition of a caller's emotion in out-of-hospital cardiac arrest dispatching: An artificial intelligence approach. Resuscitation, 2021, 167, 144-150.	3.0	7
82	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
83	Video of cardiopulmonary resuscitation induced consciousness during ventricular fibrillation. Resuscitation, 2020, 155, 22-23.	3.0	6
84	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
85	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
86	Improved performance of new prenotification criteria for acute stroke patients. Journal of the Formosan Medical Association, 2016, 115, 257-262.	1.7	5
87	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
88	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
89	Occult spontaneous pneumomediastinum. American Journal of Emergency Medicine, 2005, 23, 410-411.	1.6	4
90	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

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91	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
92	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
93	A Clinical Prediction Rule for the Severe Acute Respiratory Syndrome. Annals of Internal Medicine, 2005, 142, 225.	3.9	4
94	Comparison of trauma systems in Asian countries: a cross-sectional study. Clinical and Experimental Emergency Medicine, 2019, 6, 321-329.	1.6	4
95	Cardiac Involvement in Malignancies. Journal of Clinical Oncology, 2004, 22, 2740-2742.	1.6	3
96	Rapidly Fatal Gasâ€Forming Pyogenic Psoas Abscess Caused byKlebsiella pneumoniae. Clinical Infectious Diseases, 2007, 44, 1253-1255.	5.8	3
97	Image pitfall of computed tomography in diagnosis of aortic dissection. American Journal of Emergency Medicine, 2007, 25, 127-129.	1.6	3
98	Comprehensive evaluation for quality of prehospital CPR. Resuscitation, 2008, 78, 98-99.	3.0	3
99	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
100	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
101	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
102	Moyamoya disease: the clue from computed tomography. Journal of Emergency Medicine, 2004, 26, 339-342.	0.7	2
103	Using C-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
104	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
105	Expanding resources of endovascular thrombectomy: An optimization model. Journal of the Formosan Medical Association, 2022, 121, 978-985.	1.7	2
106	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
107	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
108	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

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109	Problems of Immediate Medical Care at Taipei Community Hospitals During Typhoon Nari, 2001. Prehospital and Disaster Medicine, 2002, 17, S21-S21.	1.3	1
110	Statistical considerations in assessing the impact of hospital characteristics and cardiac arrest survival. Resuscitation, 2010, 81, 1586.	3.0	1
111	Video recording and feedback of resuscitation. Resuscitation, 2012, 83, e179.	3.0	1
112	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
113	External validation of prehospital stroke scales for emergent large vessel occlusion. American Journal of Emergency Medicine, 2021, 41, 35-39.	1.6	1
114	A Woman with Out-of-hospital Cardiac Arrest. Annals of Emergency Medicine, 2021, 77, 463-468.	0.6	1
115	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
116	Prehospitalâ€Strokeâ€Scale Parameterized Hospital Selection Protocol for Suspected Stroke Patients Considering Doorâ€toâ€Treatment Durations. Journal of the American Heart Association, 2022, 11, e023760.	3.7	1
117	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
118	Application of tele-ultrasound in medical emergency services. , 2008, , .		0
119	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
120	Challenges in identifying the effect of hospital characteristics on outcomes after out-of-hospital cardiac arrest. Resuscitation, 2012, 83, e32.	3.0	0
121	Reply to Nannini and Arias. Clinical Infectious Diseases, 2013, 56, 1679-1680.	5.8	0
122	Reply to: Taipei Azalea: Another example of "MacGyver bias―during COVID-19 pandemic?. Resuscitation, 2020, 154, 125-126.	3.0	0
123	A Man With Out-of-Hospital Cardiac Arrest. Annals of Emergency Medicine, 2021, 78, e69-e70.	0.6	0
124	Effect of Field Triage Training on Emergency Medical Technicians in Taipei City. Journal of Acute Medicine, 2021, 11, 22-27.	0.2	0
125	Elderly Man With Out-of-hospital Cardiac Arrest. Annals of Emergency Medicine, 2022, 79, 78-80.	0.6	0
126	A Woman with Chest Pain and Collapse. Annals of Emergency Medicine, 2022, 79, 353-387.	0.6	0

#	Article	IF	CITATIONS
127	Man with a Sore Throat. Annals of Emergency Medicine, 2022, 79, 451-484.	0.6	0
128	Title is missing!. , 2020, 17, e1003360.		0
129	Title is missing!. , 2020, 17, e1003360.		0
130	Title is missing!. , 2020, 17, e1003360.		0
131	Title is missing!. , 2020, 17, e1003360.		0
132	Title is missing!. , 2020, 17, e1003360.		0
133	Title is missing!. , 2020, 17, e1003360.		0
134	Title is missing!. , 2020, 17, e1003360.		0
135	Title is missing!. , 2020, 15, e0235315.		0
136	Title is missing!. , 2020, 15, e0235315.		0
137	Title is missing!. , 2020, 15, e0235315.		0
138	Title is missing!. , 2020, 15, e0235315.		0