Tae Gun Shin

List of Publications by Year
in descending order

95 papers	1,931 citations	361413 20 h-index	276875 41 g-index
102 all docs	102 docs citations	102 times ranked	2732 citing authors

#	Article	IF	Citations
1	Extracorporeal cardiopulmonary resuscitation in patients with inhospital cardiac arrest: A comparison with conventional cardiopulmonary resuscitation*. Critical Care Medicine, 2011, 39, 1-7.	0.9	398
2	Neutrophil-to-lymphocyte ratio as a prognostic marker in critically-ill septic patients. American Journal of Emergency Medicine, 2017, 35, 234-239.	1.6	147
3	Two-year survival and neurological outcome of in-hospital cardiac arrest patients rescued by extracorporeal cardiopulmonary resuscitation. International Journal of Cardiology, 2013, 168, 3424-3430.	1.7	134
4	Combination therapy of vitamin C and thiamine for septic shock: a multi-centre, double-blinded randomized, controlled study. Intensive Care Medicine, 2020, 46, 2015-2025.	8.2	105
5	Low Accuracy of Positive qSOFA Criteria for Predicting 28-Day Mortality in Critically Ill Septic Patients During the Early Period After Emergency Department Presentation. Annals of Emergency Medicine, 2018, 71, 1-9.e2.	0.6	79
6	Prognostic Value of The Lactate/Albumin Ratio for Predicting 28-Day Mortality in Critically ILL Sepsis Patients. Shock, 2018, 50, 545-550.	2.1	53
7	The adverse effect of emergency department crowding on compliance with the resuscitation bundle in the management of severe sepsis and septic shock. Critical Care, 2013, 17, R224.	5.8	50
8	The usefulness of C-reactive protein and procalcitonin to predict prognosis in septic shock patients: A multicenter prospective registry-based observational study. Scientific Reports, 2019, 9, 6579.	3.3	49
9	N95 filtering facepiece respirators do not reliably afford respiratory protection during chest compression: A simulation study. American Journal of Emergency Medicine, 2020, 38, 12-17.	1.6	42
10	Comprehensive Interpretation of Central Venous Oxygen Saturation and Blood Lactate Levels During Resuscitation of Patients With Severe Sepsis and Septic Shock in the Emergency Department. Shock, 2016, 45, 4-9.	2.1	41
11	Early Vitamin C and Thiamine Administration to Patients with Septic Shock in Emergency Departments: Propensity Score-Based Analysis of a Before-and-After Cohort Study. Journal of Clinical Medicine, 2019, 8, 102.	2.4	41
12	Impact of timely antibiotic administration on outcomes in patients with severe sepsis and septic shock in the emergency department. Clinical and Experimental Emergency Medicine, 2014, 1, 35-40.	1.6	41
13	Better prognostic value with combined optic nerve sheath diameter and grey-to-white matter ratio on initial brain computed tomography in post-cardiac arrest patients. Resuscitation, 2016, 104, 40-45.	3.0	38
14	Improvements in Compliance WITH Resuscitation Bundles and Achievement of End Points After an Educational Program on the Management of Severe Sepsis and Septic Shock. Shock, 2012, 37, 463-467.	2.1	32
15	Factors Influencing Compliance With Early Resuscitation Bundle in the Management of Severe Sepsis and Septic Shock. Shock, 2012, 38, 474-479.	2.1	29
16	Improving Survival Rate of Patients with In-Hospital Cardiac Arrest: Five Years of Experience in a Single Center in Korea. Journal of Korean Medical Science, 2012, 27, 146.	2.5	27
17	A Real-Time Autonomous Dashboard for the Emergency Department: 5-Year Case Study. JMIR MHealth and UHealth, 2018, 6, e10666.	3.7	27
18	Korean Shock Society septic shock registry: a preliminary report. Clinical and Experimental Emergency Medicine, 2017, 4, 146-153.	1.6	26

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19	Prognosis of patients excluded by the definition of septic shock based on their lactate levels after initial fluid resuscitation: a prospective multi-center observational study. Critical Care, 2018, 22, 47.	5.8	23
20	Standardized Approaches to Syncope Evaluation for Reducing Hospital Admissions and Costs in Overcrowded Emergency Departments. Yonsei Medical Journal, 2013, 54, 1110.	2.2	21
21	Survival and Neurologic Outcomes of Out-of-Hospital Cardiac Arrest Patients Who Were Transferred after Return of Spontaneous Circulation for Integrated Post-Cardiac Arrest Syndrome Care: The Another Feasibility of the Cardiac Arrest Center. Journal of Korean Medical Science, 2014, 29, 1301.	2.5	21
22	Prognostic Value of Lactate and Central Venous Oxygen Saturation after Early Resuscitation in Sepsis Patients. PLoS ONE, 2016, 11, e0153305.	2.5	21
23	Sedative dose and patient variable impacts on postintubation hypotension in emergency airway management. American Journal of Emergency Medicine, 2019, 37, 1248-1253.	1.6	19
24	Time to Antibiotics and the Outcome of Patients with Septic Shock: A Propensity Score Analysis. American Journal of Medicine, 2020, 133, 485-491.e4.	1.5	19
25	Combination therapy of vitamin C and thiamine for septic shock in a multicentre, double-blind, randomized, controlled study (ATESS): study protocol for a randomized controlled trial. Trials, 2019, 20, 420.	1.6	18
26	Clinical outcome comparison of patients with septic shock defined by the new sepsis-3 criteria and by previous criteria. Journal of Thoracic Disease, 2018, 10, 845-853.	1.4	17
27	Association Between Hemodynamic Presentation and Outcome in Sepsis Patients. Shock, 2014, 42, 205-210.	2.1	16
28	Impact of timing to source control in patients with septic shock: A prospective multi-center observational study. Journal of Critical Care, 2019, 53, 176-182.	2.2	16
29	Lactate clearance and mortality in septic patients with hepatic dysfunction. American Journal of Emergency Medicine, 2016, 34, 1011-1015.	1.6	15
30	Bacteremia Prediction Model for Community‐acquired Pneumonia: External Validation in a Multicenter Retrospective Cohort. Academic Emergency Medicine, 2017, 24, 1226-1234.	1.8	15
31	Associations between mean arterial pressure and 28-day mortality according to the presence of hypertension or previous blood pressure level in critically ill sepsis patients. Journal of Thoracic Disease, 2019, 11, 1980-1988.	1.4	15
32	Coronary angiography is related to improved clinical outcome of out-of-hospital cardiac arrest with initial non-shockable rhythm. PLoS ONE, 2017, 12, e0189442.	2.5	15
33	Deliberate Self-harm among Young People Begins to Increase at the Very Early Age: a Nationwide Study. Journal of Korean Medical Science, 2018, 33, e191.	2.5	14
34	C-MAC Video Laryngoscope versus Conventional Direct Laryngoscopy for Endotracheal Intubation During Cardiopulmonary Resuscitation. Medicina (Lithuania), 2019, 55, 225.	2.0	14
35	Predicting 30-day mortality of patients with pneumonia in an emergency department setting using machine-learning models. Clinical and Experimental Emergency Medicine, 2020, 7, 197-205.	1.6	14
36	Triple rule-out computed tomography for risk stratification of patients with acute chest pain. Journal of Cardiovascular Computed Tomography, 2016, 10, 291-300.	1.3	12

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37	Usefulness of Protocolized Point-of-Care Ultrasonography for Patients with Acute Renal Colic Who Visited Emergency Department: A Randomized Controlled Study. Medicina (Lithuania), 2019, 55, 717.	2.0	12
38	Impact of Vitamin C and Thiamine Administration on Delirium-Free Days in Patients with Septic Shock. Journal of Clinical Medicine, 2020, 9, 193.	2.4	12
39	Are loose-fitting powered air-purifying respirators safe during chest compression? A simulation study. American Journal of Emergency Medicine, 2020, 44, 235-240.	1.6	12
40	Quality Improvement Program Outcomes for Endotracheal Intubation in the Emergency Department. Journal of Patient Safety, 2018, 14, e83-e88.	1.7	11
41	Delayed Antibiotic Therapy and Organ Dysfunction in Critically Ill Septic Patients in the Emergency Department. Journal of Clinical Medicine, 2019, 8, 222.	2.4	11
42	Impact of early coronary angiography on the survival to discharge after out-of-hospital cardiac arrest. Clinical and Experimental Emergency Medicine, 2017, 4, 65-72.	1.6	10
43	Effect of fever or respiratory symptoms on leaving without being seen during the COVID-19 pandemic in South Korea. Clinical and Experimental Emergency Medicine, 2022, 9, 1-9.	1.6	10
44	Development and validation of the VitaL CLASS score to predict mortality in stage IV solid cancer patients with septic shock in the emergency department: a multi-center, prospective cohort study. BMC Medicine, 2020, 18, 390.	5.5	9
45	The Use of Point-of-care Ultrasound in Emergency Medical Centers in Korea: a National Cross-sectional Survey. Journal of Korean Medical Science, 2021, 36, e141.	2.5	9
46	Relationship between time of emergency department admission and adherence to the Surviving Sepsis Campaign bundle in patients with septic shock. Critical Care, 2022, 26, 43.	5.8	9
47	Basic life support skill improvement with newly designed renewal programme: cluster randomised study of small-group-discussion method versus practice-while-watching method. Emergency Medicine Journal, 2014, 31, 964-969.	1.0	8
48	Early central diabetes insipidus: An ominous sign in post–cardiac arrest patients. Journal of Critical Care, 2016, 32, 63-67.	2.2	8
49	Lactate normalization within 6 hours of bundle therapy and 24 hours of delayed achievement were associated with 28-day mortality in septic shock patients. PLoS ONE, 2019, 14, e0217857.	2.5	8
50	Respiratory Protection Effect of Ear-loop-type KF94 Masks according to the Wearing Method in COVID-19 Pandemic: a Randomized, Open-label Study. Journal of Korean Medical Science, 2021, 36, e209.	2.5	8
51	Prehospital airway management for out‐of‐hospital cardiac arrest: A nationwide multicenter study from the <scp>KoCARC</scp> registry. Academic Emergency Medicine, 2022, 29, 581-588.	1.8	8
52	Extracorporeal Life-support for Out-of-hospital Cardiac Arrest: A Nationwide Multicenter Study. Shock, 2022, 57, 680-686.	2.1	8
53	Finger necrosis after accidental radial artery puncture. Clinical and Experimental Emergency Medicine, 2014, 1, 130-133.	1.6	7
54	Emergency medical service personnel need to improve knowledge and attitude regarding prehospital sepsis care. Clinical and Experimental Emergency Medicine, 2017, 4, 48-55.	1.6	7

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55	Impact of Personal Protective Equipment on Out-of-Hospital Cardiac Arrest Resuscitation in Coronavirus Pandemic. Medicina (Lithuania), 2021, 57, 1291.	2.0	7
56	Usefulness of C-MAC video laryngoscope in direct laryngoscopy training in the emergency department: A propensity score matching analysis. PLoS ONE, 2018, 13, e0208077.	2.5	6
57	Hypochloraemia is associated with 28-day mortality in patients with septic shock: a retrospective analysis of a multicentre prospective registry. Emergency Medicine Journal, 2021, 38, 423-429.	1.0	6
58	Impact of Personal Protective Equipment on the First-Pass Success of Endotracheal Intubation in the ED: A Propensity-Score-Matching Analysis. Journal of Clinical Medicine, 2021, 10, 1060.	2.4	6
59	Impact of 1-Hour Bundle Achievement in Septic Shock. Journal of Clinical Medicine, 2021, 10, 527.	2.4	5
60	Effectiveness of Smartwatch Guidance for High-Quality Infant Cardiopulmonary Resuscitation: A Simulation Study. Medicina (Lithuania), 2021, 57, 193.	2.0	5
61	Complementary Use of Presepsin with the Sepsis-3 Criteria Improved Identification of High-Risk Patients with Suspected Sepsis. Biomedicines, 2021, 9, 1076.	3.2	5
62	A quick Sequential Organ Failure Assessment–negative result at triage is associated with low compliance with sepsis bundles: a retrospective analysis of a multicenter prospective registry. Clinical and Experimental Emergency Medicine, 2022, 9, 84-92.	1.6	5
63	Protective effects of helmets on bicycle-related injuries in elderly individuals. Injury Prevention, 2019, 25, 407-413.	2.4	4
64	Cardiac troponin I predicts clinical outcome of patients with cancer at emergency department. Clinical Cardiology, 2020, 43, 1585-1591.	1.8	4
65	Developing a Time-Adaptive Prediction Model for Out-of-Hospital Cardiac Arrest: Nationwide Cohort Study in Korea. Journal of Medical Internet Research, 2021, 23, e28361.	4.3	4
66	Association between wide QRS pulseless electrical activity and hyperkalemia in cardiac arrest patients. American Journal of Emergency Medicine, 2021, 45, 86-91.	1.6	4
67	Prognostic factors for late death in septic shock survivors: a multi-center, prospective, registry-based observational study. Internal and Emergency Medicine, 2022, 17, 865-871.	2.0	4
68	Prognostic performance of disease severity scores in patients with septic shock presenting to the emergency department. American Journal of Emergency Medicine, 2019, 37, 1054-1059.	1.6	3
69	Cardiac troponin I and the risk of cardiovascular or non-cardiovascular death in patients visiting the emergency department. Scientific Reports, 2021, 11, 17461.	3.3	3
70	Biomarker Analysis for Combination Therapy of Vitamin C and Thiamine in Septic Shock: A Post-Hoc Study of the ATESS Trial. Shock, 2022, 57, 81-87.	2.1	3
71	Epidemiology and Outcome of Powered Mobility Device-Related Injuries in Korea. Journal of Korean Medical Science, 2020, 35, e60.	2.5	3
72	The Utility of Preliminary Patient Evaluation in a Febrile Respiratory Infectious Disease Unit outside the Emergency Department. Journal of Korean Medical Science, 2017, 32, 1534.	2.5	2

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73	Hollow adrenal gland sign on dual-phase contrast-enhanced CT in critically ill patients with sepsis. American Journal of Emergency Medicine, 2021, 46, 430-436.	1.6	2
74	Prognostic implication of elevated cardiac troponin I in patients visiting emergency department without diagnosis of coronary artery disease. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1107-1113.	2.3	2
75	The effect of norepinephrine on common carotid artery blood flow in septic shock patients. Scientific Reports, 2021, 11, 16763.	3.3	2
76	Effect of Watch-Type Haptic Metronome on the Quality of Cardiopulmonary Resuscitation: A Simulation Study. Healthcare Informatics Research, 2019, 25, 274.	1.9	2
77	Availability of drug at convenient stores is not associated with an increased incidence of their poisoning. Pharmacoepidemiology and Drug Safety, 2019, 28, 536-543.	1.9	1
78	Diagnostic accuracy of lactate levels after initial fluid resuscitation as a predictor for 28Âday mortality in septic shock. American Journal of Emergency Medicine, 2021, 46, 392-397.	1.6	1
79	Accuracy of the qSOFA Score and RED Sign in Predicting Critical Care Requirements in Patients with Suspected Infection in the Emergency Department: A Retrospective Observational Study. Medicina (Lithuania), 2020, 56, 42.	2.0	1
80	National Surveillance of Injury in the Republic of Korea: Increased Injury Vulnerability in the Late Middle Age. International Journal of Environmental Research and Public Health, 2021, 18, 1210.	2.6	1
81	Cardiac Magnetic Resonance Imaging for Nonischemic Cardiac Disease in Out-of-Hospital Cardiac Arrest Survivors Treated with Targeted Temperature Management: A Multicenter Retrospective Analysis. Journal of Clinical Medicine, 2021, 10, 794.	2.4	1
82	Twelve-Lead Electrocardiogram Acquisition With a Patchy-Type Wireless Device in Ambulance Transport: Simulation-Based Randomized Controlled Trial. JMIR MHealth and UHealth, 2021, 9, e24142.	3.7	1
83	Effect of rapid fluid administration on the prognosis of septic shock patients with isolated hyperlactatemia: A prospective multicenter observational study. Journal of Critical Care, 2021, 66, 154-159.	2.2	1
84	Upper airway obstruction resulting from acute mucosal injury induced by direct ingestion of sodium picosulfate/magnesium citrate powder. Clinical and Experimental Emergency Medicine, 2016, 3, 109-111.	1.6	1
85	Factors affecting the accuracy of chest compression depth estimation. Clinical and Experimental Emergency Medicine, 2014, 1, 101-108.	1.6	1
86	Successful fibrinolytic and therapeutic hypothermic management of cardiac arrest following massive pulmonary embolism. Clinical and Experimental Emergency Medicine, 2015, 2, 193-196.	1.6	1
87	Gender difference in the clinical outcomes of patients with out-of-hospital cardiac arrest. Medicine (United States), 2021, 100, e27855.	1.0	1
88	Echocardiographic Assessment of Patients with Pulmonary Tumor Thrombotic Microangiopathy First Diagnosed in the Emergency Department. Diagnostics, 2022, 12, 259.	2.6	1
89	Myocardial infarction evaluation from stopping time decision toward interoperable algorithmic states in reinforcement learning. BMC Medical Informatics and Decision Making, 2020, 20, 99.	3.0	0
90	Effect of Hydrogel Pad and Conventional Method on the Induction Time of Therapeutic Hypothermia in Patients with Out-of-Hospital Cardiac Arrest. The Korean Journal of Critical Care Medicine, 2012, 27, 218.	0.2	0

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91	Effect of typhoons on the Korean national emergency medical service system. Clinical and Experimental Emergency Medicine, 2018, 5, 272-277.	1.6	0
92	The impacts of oxygen and pentoxifylline in hypoxic condition. European Journal of Inflammation, 2022, 20, 205873922110565.	0.5	0
93	Impact of Insurance Benefits and Education on Point-of-Care Ultrasound Use in a Single Emergency Department: An Interrupted Time Series Analysis. Medicina (Lithuania), 2022, 58, 217.	2.0	0
94	Use of Gallbladder Width Measurement by Computed Tomography in the Diagnosis of Acute Cholecystitis. Diagnostics, 2022, 12, 721.	2.6	0
95	Intervention in the timeliness of two ECG types for emergency department patients with chest pain: randomized controlled trial (Preprint). Interactive Journal of Medical Research, 0, , .	1.4	0