

Sung-Yeon Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,044
citations

567281

15
h-index

477307

29
g-index

74
all docs

74
docs citations

74
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomarker Analysis for Combination Therapy of Vitamin C and Thiamine in Septic Shock: A Post-Hoc Study of the ATESS Trial. <i>Shock</i> , 2022, 57, 81-87.	2.1	3
2	Prehospital airway management for out-of-hospital cardiac arrest: A nationwide multicenter study from the KoCARC registry. <i>Academic Emergency Medicine</i> , 2022, 29, 581-588.	1.8	8
3	Echocardiographic Assessment of Patients with Pulmonary Tumor Thrombotic Microangiopathy First Diagnosed in the Emergency Department. <i>Diagnostics</i> , 2022, 12, 259.	2.6	1
4	Impact of Insurance Benefits and Education on Point-of-Care Ultrasound Use in a Single Emergency Department: An Interrupted Time Series Analysis. <i>Medicina (Lithuania)</i> , 2022, 58, 217.	2.0	0
5	Use of Gallbladder Width Measurement by Computed Tomography in the Diagnosis of Acute Cholecystitis. <i>Diagnostics</i> , 2022, 12, 721.	2.6	0
6	Effect of fever or respiratory symptoms on leaving without being seen during the COVID-19 pandemic in South Korea. <i>Clinical and Experimental Emergency Medicine</i> , 2022, 9, 1-9.	1.6	10
7	Extracorporeal Life-support for Out-of-hospital Cardiac Arrest: A Nationwide Multicenter Study. <i>Shock</i> , 2022, 57, 680-686.	2.1	8
8	Diagnostic accuracy of lactate levels after initial fluid resuscitation as a predictor for 28-day mortality in septic shock. <i>American Journal of Emergency Medicine</i> , 2021, 46, 392-397.	1.6	1
9	Hollow adrenal gland sign on dual-phase contrast-enhanced CT in critically ill patients with sepsis. <i>American Journal of Emergency Medicine</i> , 2021, 46, 430-436.	1.6	2
10	The Use of Point-of-care Ultrasound in Emergency Medical Centers in Korea: a National Cross-sectional Survey. <i>Journal of Korean Medical Science</i> , 2021, 36, e141.	2.5	9
11	National Surveillance of Injury in the Republic of Korea: Increased Injury Vulnerability in the Late Middle Age. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1210.	2.6	1
12	Prognostic implication of elevated cardiac troponin I in patients visiting emergency department without diagnosis of coronary artery disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1107-1113.	2.3	2
13	Effectiveness of Smartwatch Guidance for High-Quality Infant Cardiopulmonary Resuscitation: A Simulation Study. <i>Medicina (Lithuania)</i> , 2021, 57, 193.	2.0	5
14	Developing a Time-Adaptive Prediction Model for Out-of-Hospital Cardiac Arrest: Nationwide Cohort Study in Korea. <i>Journal of Medical Internet Research</i> , 2021, 23, e28361.	4.3	4
15	Impact of Personal Protective Equipment on the First-Pass Success of Endotracheal Intubation in the ED: A Propensity-Score-Matching Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1060.	2.4	6
16	Twelve-Lead Electrocardiogram Acquisition With a Patchy-Type Wireless Device in Ambulance Transport: Simulation-Based Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24142.	3.7	1
17	Association between wide QRS pulseless electrical activity and hyperkalemia in cardiac arrest patients. <i>American Journal of Emergency Medicine</i> , 2021, 45, 86-91.	1.6	4
18	Cardiac troponin I and the risk of cardiovascular or non-cardiovascular death in patients visiting the emergency department. <i>Scientific Reports</i> , 2021, 11, 17461.	3.3	3

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19	The effect of norepinephrine on common carotid artery blood flow in septic shock patients. <i>Scientific Reports</i> , 2021, 11, 16763.	3.3	2
20	Complementary Use of Presepsin with the Sepsis-3 Criteria Improved Identification of High-Risk Patients with Suspected Sepsis. <i>Biomedicines</i> , 2021, 9, 1076.	3.2	5
21	Respiratory Protection Effect of Ear-loop-type KF94 Masks according to the Wearing Method in COVID-19 Pandemic: a Randomized, Open-label Study. <i>Journal of Korean Medical Science</i> , 2021, 36, e209.	2.5	8
22	Impact of Personal Protective Equipment on Out-of-Hospital Cardiac Arrest Resuscitation in Coronavirus Pandemic. <i>Medicina (Lithuania)</i> , 2021, 57, 1291.	2.0	7
23	Acute lung injury following occupational exposure to nitric acid. <i>Acute and Critical Care</i> , 2021, 36, 395-396.	1.4	1
24	Gender difference in the clinical outcomes of patients with out-of-hospital cardiac arrest. <i>Medicine (United States)</i> , 2021, 100, e27855.	1.0	1
25	N95 filtering facepiece respirators do not reliably afford respiratory protection during chest compression: A simulation study. <i>American Journal of Emergency Medicine</i> , 2020, 38, 12-17.	1.6	42
26	Cardiac troponin I predicts clinical outcome of patients with cancer at emergency department. <i>Clinical Cardiology</i> , 2020, 43, 1585-1591.	1.8	4
27	Impact of COVID-19 Pandemic on the Overall Diagnostic and Therapeutic Process for Patients of Emergency Department and Those with Acute Cerebrovascular Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 3842.	2.4	15
28	Combination therapy of vitamin C and thiamine for septic shock: a multi-centre, double-blinded randomized, controlled study. <i>Intensive Care Medicine</i> , 2020, 46, 2015-2025.	8.2	105
29	Effectiveness of a Real-Time Ventilation Feedback Device for Guiding Adequate Minute Ventilation: A Manikin Simulation Study. <i>Medicina (Lithuania)</i> , 2020, 56, 278.	2.0	2
30	Myocardial infarction evaluation from stopping time decision toward interoperable algorithmic states in reinforcement learning. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 99.	3.0	0
31	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. <i>Medicina (Lithuania)</i> , 2020, 56, 42.	2.0	1
32	Impact of Vitamin C and Thiamine Administration on Delirium-Free Days in Patients with Septic Shock. <i>Journal of Clinical Medicine</i> , 2020, 9, 193.	2.4	12
33	Are loose-fitting powered air-purifying respirators safe during chest compression? A simulation study. <i>American Journal of Emergency Medicine</i> , 2020, 44, 235-240.	1.6	12
34	Predicting 30-day mortality of patients with pneumonia in an emergency department setting using machine-learning models. <i>Clinical and Experimental Emergency Medicine</i> , 2020, 7, 197-205.	1.6	14
35	Epidemiology and Outcome of Powered Mobility Device-Related Injuries in Korea. <i>Journal of Korean Medical Science</i> , 2020, 35, e60.	2.5	3
36	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. <i>Trials</i> , 2019, 20, 420.	1.6	18

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37	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. <i>Journal of Thoracic Disease</i> , 2019, 11, 1980-1988.	1.4	15
38	Usefulness of Protocolized Point-of-Care Ultrasonography for Patients with Acute Renal Colic Who Visited Emergency Department: A Randomized Controlled Study. <i>Medicina (Lithuania)</i> , 2019, 55, 717.	2.0	12
39	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. <i>Journal of Clinical Medicine</i> , 2019, 8, 102.	2.4	41
40	C-MAC Video Laryngoscope versus Conventional Direct Laryngoscopy for Endotracheal Intubation During Cardiopulmonary Resuscitation. <i>Medicina (Lithuania)</i> , 2019, 55, 225.	2.0	14
41	The usefulness of C-reactive protein and procalcitonin to predict prognosis in septic shock patients: A multicenter prospective registry-based observational study. <i>Scientific Reports</i> , 2019, 9, 6579.	3.3	49
42	Availability of drug at convenient stores is not associated with an increased incidence of their poisoning. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 536-543.	1.9	1
43	Delayed Antibiotic Therapy and Organ Dysfunction in Critically Ill Septic Patients in the Emergency Department. <i>Journal of Clinical Medicine</i> , 2019, 8, 222.	2.4	11
44	Sedative dose and patient variable impacts on postintubation hypotension in emergency airway management. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1248-1253.	1.6	19
45	Protective effects of helmets on bicycle-related injuries in elderly individuals. <i>Injury Prevention</i> , 2019, 25, 407-413.	2.4	4
46	Effect of Watch-Type Haptic Metronome on the Quality of Cardiopulmonary Resuscitation: A Simulation Study. <i>Healthcare Informatics Research</i> , 2019, 25, 274.	1.9	2
47	Prognostic Value of The Lactate/Albumin Ratio for Predicting 28-Day Mortality in Critically ILL Sepsis Patients. <i>Shock</i> , 2018, 50, 545-550.	2.1	53
48	Low Accuracy of Positive qSOFA Criteria for Predicting 28-Day Mortality in Critically Ill Septic Patients During the Early Period After Emergency Department Presentation. <i>Annals of Emergency Medicine</i> , 2018, 71, 1-9.e2.	0.6	79
49	Usefulness of C-MAC video laryngoscope in direct laryngoscopy training in the emergency department: A propensity score matching analysis. <i>PLoS ONE</i> , 2018, 13, e0208077.	2.5	6
50	Quality Improvement Program Outcomes for Endotracheal Intubation in the Emergency Department. <i>Journal of Patient Safety</i> , 2018, 14, e83-e88.	1.7	11
51	Clinical outcome comparison of patients with septic shock defined by the new sepsis-3 criteria and by previous criteria. <i>Journal of Thoracic Disease</i> , 2018, 10, 845-853.	1.4	17
52	Deliberate Self-harm among Young People Begins to Increase at the Very Early Age: a Nationwide Study. <i>Journal of Korean Medical Science</i> , 2018, 33, e191.	2.5	14
53	A Real-Time Autonomous Dashboard for the Emergency Department: 5-Year Case Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10666.	3.7	27
54	Effect of typhoons on the Korean national emergency medical service system. <i>Clinical and Experimental Emergency Medicine</i> , 2018, 5, 272-277.	1.6	0

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55	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
56	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
57	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
58	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
59	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
60	Korean Shock Society septic shock registry: a preliminary report. Clinical and Experimental Emergency Medicine, 2017, 4, 146-153.	1.6	26
61	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
62	Lactate clearance and mortality in septic patients with hepatic dysfunction. American Journal of Emergency Medicine, 2016, 34, 1011-1015.	1.6	15
63	Early central diabetes insipidus: An ominous sign in post-cardiac arrest patients. Journal of Critical Care, 2016, 32, 63-67.	2.2	8
64	Prognostic Value of Lactate and Central Venous Oxygen Saturation after Early Resuscitation in Sepsis Patients. PLoS ONE, 2016, 11, e0153305.	2.5	21
65	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
66	Association Between Hemodynamic Presentation and Outcome in Sepsis Patients. Shock, 2014, 42, 205-210.	2.1	16
67	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
68	Factors affecting the accuracy of chest compression depth estimation. Clinical and Experimental Emergency Medicine, 2014, 1, 101-108.	1.6	1
69	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