

# Sung-Hyuk Choi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64

papers

543

citations

12

h-index

20

g-index

66

ext. papers

712

ext. citations

3.1

avg, IF

3.42

L-index

#	Paper	IF	Citations
64	Lactic acidosis not hyperlactatemia as a predictor of in hospital mortality in septic emergency patients. <i>Emergency Medicine Journal</i> , <b>2008</b> , 25, 659-65	1.5	66
63	Combination therapy of vitamin C and thiamine for septic shock: a multi-centre, double-blinded randomized, controlled study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2015-2025	14.5	53
62	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> , <b>2019</b> , 8,	5.1	28
61	Successful extracorporeal life support in cardiac arrest with recurrent ventricular fibrillation unresponsive to standard cardiopulmonary resuscitation. <i>Resuscitation</i> , <b>2007</b> , 73, 309-13	4	26
60	The use of saliva specimens for detection of influenza A and B viruses by rapid influenza diagnostic tests. <i>Journal of Virological Methods</i> , <b>2017</b> , 243, 15-19	2.6	24
59	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> , <b>2019</b> , 9, 6579	4.9	22
58	Prognostic Value of The Lactate/Albumin Ratio for Predicting 28-Day Mortality in Critically ILL Sepsis Patients. <i>Shock</i> , <b>2018</b> , 50, 545-550	3.4	21
57	Arterial minus end-tidal CO <sub>2</sub> as a prognostic factor of hospital survival in patients resuscitated from cardiac arrest. <i>Resuscitation</i> , <b>2007</b> , 72, 219-25	4	20
56	Korean Shock Society septic shock registry: a preliminary report. <i>Clinical and Experimental Emergency Medicine</i> , <b>2017</b> , 4, 146-153	1.7	19
55	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. <i>Critical Care</i> , <b>2018</b> , 22, 47	10.8	16
54	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> , <b>2018</b> , 10, 845-853	2.6	15
53	Selective inhibition of polymorphonuclear neutrophils by resuscitative concentration of hypertonic saline. <i>Emergency Medicine Journal</i> , <b>2006</b> , 23, 119-22	1.5	14
52	Successful extracorporeal life support after potentially fatal pulmonary oedema caused by inhalation of nitric and hydrofluoric acid fumes. <i>Resuscitation</i> , <b>2007</b> , 75, 184-8	4	12
51	Effects of hypertonic saline on macrophage migration inhibitory factor in traumatic conditions. <i>Experimental and Therapeutic Medicine</i> , <b>2013</b> , 5, 362-366	2.1	11
50	Can spontaneous pneumothorax patients be treated by ambulatory care management?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2007</b> , 31, 491-5	3	11
49	Grayanotoxin poisoning from flower of <i>Rhododendron mucronulatum</i> in humans. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2007</b> , 78, 11-2	2.7	10
48	Cut-off values of B-type natriuretic peptide for the diagnosis of congestive heart failure in patients with dyspnoea visiting emergency departments: a study on Korean patients visiting emergency departments. <i>Emergency Medicine Journal</i> , <b>2007</b> , 24, 343-7	1.5	10

47	Time to Antibiotics and the Outcome of Patients with Septic Shock: A Propensity Score Analysis. <i>American Journal of Medicine</i> , <b>2020</b> , 133, 485-491.e4	2.4	10
46	Risk factors for sepsis in Korean trauma patients. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2016</b> , 42, 453-458	2.3	9
45	Grayanotoxin poisoning from flower of <i>Rhododendron mucronulatum</i> in humans. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2007</b> , 78, 132-3	2.7	9
44	Impact of timing to source control in patients with septic shock: A prospective multi-center observational study. <i>Journal of Critical Care</i> , <b>2019</b> , 53, 176-182	4	8
43	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> , <b>2019</b> , 20, 420	2.8	8
42	Anticholinesterase therapy for patients with ophthalmoplegia following snake bites: report of two cases. <i>Journal of Korean Medical Science</i> , <b>2004</b> , 19, 631-3	4.7	8
41	Satisfaction with facial laceration repair by provider specialty in the emergency department. <i>Clinical and Experimental Emergency Medicine</i> , <b>2015</b> , 2, 179-183	1.7	7
40	Reversible pancytopenia following the consumption of decoction of <i>Ganoderma neojaponicum</i> Imazeki. <i>Clinical Toxicology</i> , <b>2011</b> , 49, 115-7	2.9	7
39	Understanding the characteristics of recurrent visits to the emergency department by paediatric patients: a retrospective observational study conducted at three tertiary hospitals in Korea. <i>BMJ Open</i> , <b>2018</b> , 8, e018208	3	6
38	Clinician awareness of tetanus-diphtheria vaccination in trauma patients: a questionnaire study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2012</b> , 20, 35	3.6	6
37	Comparative analysis of acute toxic poisoning in 2003 and 2011: analysis of 3 academic hospitals. <i>Journal of Korean Medical Science</i> , <b>2013</b> , 28, 1424-30	4.7	6
36	Gastric emphysema after methyl ethyl ketone peroxide ingestion. <i>Clinical Toxicology</i> , <b>2010</b> , 48, 90-1	2.9	6
35	Lactate normalization within 6 hours of bundle therapy and 24 hours of delayed achievement were associated with 28-day mortality in septic shock patients. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217857	3.7	5
34	The effect of hypertonic saline on mRNA of proinflammatory cytokines in lipopolysaccharide-stimulated polymorphonuclear cells. <i>Current Therapeutic Research</i> , <b>2014</b> , 76, 58-62	2.4	5
33	The analysis of self and tutor assessment in the skill of basic life support (BLS) and endotracheal intubation: focused on the discrepancy in assessment. <i>Resuscitation</i> , <b>2011</b> , 82, 743-8	4	5
32	Clinical Value of Whole Blood Procalcitonin Using Point of Care Testing, Quick Sequential Organ Failure Assessment Score, C-Reactive Protein and Lactate in Emergency Department Patients with Suspected Infection. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	4
31	The inflammatory response of neutrophils in an animal model that approximates the postcardiac arrest state. <i>Annals of Surgical Treatment and Research</i> , <b>2017</b> , 93, 217-224	2	4
30	Effect of hypertonic saline and macrophage migration inhibitory factor in restoration of T cell dysfunction. <i>[Chapchi] Journal Taehan Oekwa Hakhoe</i> , <b>2011</b> , 81, 229-34		4

29	Effects of atmospheric temperature and humidity on outbreak of diseases. <i>EMA - Emergency Medicine Australasia</i> , <b>2007</b> , 19, 501-8	1.5	4
28	Assessing the severity of pulmonary embolism among patients in the emergency department: Utility of RV/LV diameter ratio. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242340	3.7	4
27	Analysis of Patients with Acute Toxic Exposure between 2009 and 2013: Data from the Korea Health Insurance Review and Assessment Service and the National Emergency Department Information System. <i>Journal of Korean Medical Science</i> , <b>2018</b> , 33, e254	4.7	4
26	Prognostic performance of disease severity scores in patients with septic shock presenting to the emergency department. <i>American Journal of Emergency Medicine</i> , <b>2019</b> , 37, 1054-1059	2.9	3
25	The use of transcutaneous CO2 monitoring in cardiac arrest patients: a feasibility study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2014</b> , 22, 70	3.6	3
24	Accuracy of transcutaneous carbon dioxide monitoring in hypotensive patients. <i>Emergency Medicine Journal</i> , <b>2014</b> , 31, 323-6	1.5	3
23	Comparison of traumatic brain injury patients with brain computed tomography in the emergency department by age group. <i>Clinical and Experimental Emergency Medicine</i> , <b>2020</b> , 7, 81-86	1.7	3
22	Macrophage migration inhibitory factor levels correlate with an infection in trauma patients. <i>Ulusal Travma Ve Acil Cerrahi Dergisi</i> , <b>2017</b> , 23, 193-198	0.6	3
21	Analysis of Trauma Patients with Massive Transfusion in the Emergency Department. <i>The Korean Journal of Blood Transfusion</i> , <b>2016</b> , 27, 130-136	0.3	3
20	The Effects of Oxygen and Treatments in Hypoxic Conditions in SH-SY5Y Cells. <i>Shock</i> , <b>2018</b> , 50, 449-454	3.4	3
19	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. <i>BMC Medicine</i> , <b>2020</b> , 18, 390	11.4	2
18	Hypertonic saline downregulate the production level of lipopolysaccharide-induced migration inhibitory factor in THP-1 cells. <i>[Chapchi] Journal Taehan Oekwa Hakhoe</i> , <b>2012</b> , 82, 1-7		2
17	Helicopter emergency medical services: a report on the current status in a metropolitan area of South Korea. <i>European Journal of Emergency Medicine</i> , <b>2011</b> , 18, 176-8	2.3	2
16	Prehospital and emergency department care in South Korea. <i>Canadian Journal of Emergency Medicine</i> , <b>2007</b> , 9, 171-3	0.6	2
15	Impact of 1-Hour Bundle Achievement in Septic Shock. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
14	Acute hepatitis and acute kidney insufficiency caused by ingestion of raw grass carp gall bladder. <i>EMA - Emergency Medicine Australasia</i> , <b>2013</b> , 25, 608-9	1.5	1
13	Aconitine poisoning from leaves of aconitum pseudo-leave var. erectum, not the root in humans. <i>Clinical Toxicology</i> , <b>2009</b> , 47, 836	2.9	1
12	Learning curve and period of experience required for the competent diagnosis of acute appendicitis using abdominal computed tomography: a prospective observational study. <i>Clinical and Experimental Emergency Medicine</i> , <b>2017</b> , 4, 222-231	1.7	1

11	Ambient PM Concentrations as a Precursor of Emergency Visits for Respiratory Complaints: Roles of Deep Learning and Multi-Point Real-Time Monitoring. <i>Sustainability</i> , <b>2022</b> , 14, 2703	3.6	1
10	Relationship between time of emergency department admission and adherence to the Surviving Sepsis Campaign bundle in patients with septic shock.. <i>Critical Care</i> , <b>2022</b> , 26, 43	10.8	0
9	Effect of rapid fluid administration on the prognosis of septic shock patients with isolated hyperlactatemia: A prospective multicenter observational study. <i>Journal of Critical Care</i> , <b>2021</b> , 66, 154-159	4.9	0
8	A report of therapeutic hypothermia for postcardiac arrest care due to thyroid storm. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2014</b> , 30, 539-40	2.4	
7	Concentration of arginine and optimal time of hypertonic saline in restoration of T-cell dysfunction. <i>Journal of Surgical Research</i> , <b>2010</b> , 163, e17-22	2.5	
6	The impacts of oxygen and pentoxifylline in hypoxic condition. <i>European Journal of Inflammation</i> , <b>2022</b> , 20, 205873922110565	0.3	
5	Prognostic factors for late death in septic shock survivors: a multi-center, prospective, registry-based observational study. <i>Internal and Emergency Medicine</i> , <b>2021</b> , 1	3.7	
4	Significance of Biomarkers as a Predictive Factor for Post-Traumatic Sepsis. <i>Journal of Trauma and Injury</i> , <b>2018</b> , 31, 166-173	0.2	
3	Efficacy of Nefopam Analgesia for Trauma Patients in the Emergency Department. <i>Journal of Trauma and Injury</i> , <b>2017</b> , 30, 1-5	0.2	
2	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> , <b>2021</b> , 46, 392-397	2.9	
1	The impact of hypoxic conditions on apoptosis and Toll-like receptor 4 expression in polymorphonuclear neutrophils. <i>European Journal of Inflammation</i> , <b>2018</b> , 16, 1721727X1875675	0.3	