

Sung-Hyuk Choi

List of Publications by Year in descending order

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66
papers

879
citations

516710

16
h-index

552781

26
g-index

66
all docs

66
docs citations

66
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Lactic acidosis not hyperlactatemia as a predictor of in-hospital mortality in septic emergency patients. <i>Emergency Medicine Journal</i> , 2008, 25, 659-665.	1.0	82
3	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
4	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
5	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
6	The use of saliva specimens for detection of influenza A and B viruses by rapid influenza diagnostic tests. <i>Journal of Virological Methods</i> , 2017, 243, 15-19.	2.1	33
7	Successful extracorporeal life support in cardiac arrest with recurrent ventricular fibrillation unresponsive to standard cardiopulmonary resuscitation. <i>Resuscitation</i> , 2007, 73, 309-313.	3.0	30
8	Arterial minus end-tidal CO ₂ as a prognostic factor of hospital survival in patients resuscitated from cardiac arrest. <i>Resuscitation</i> , 2007, 72, 219-225.	3.0	27
9	Korean Shock Society septic shock registry: a preliminary report. <i>Clinical and Experimental Emergency Medicine</i> , 2017, 4, 146-153.	1.6	26
10	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> , 2018, 22, 47.	5.8	23
11	Can spontaneous pneumothorax patients be treated by ambulatory care management?. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 491-495.	1.4	22
12	Time to Antibiotics and the Outcome of Patients with Septic Shock: A Propensity Score Analysis. <i>American Journal of Medicine</i> , 2020, 133, 485-491.e4.	1.5	19
13	Grayanotoxin Poisoning From Flower of <i>Rhododendron mucronulatum</i> in Humans. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 11-12.	2.7	18
14	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
15	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
16	Successful extracorporeal life support after potentially fatal pulmonary oedema caused by inhalation of nitric and hydrofluoric acid fumes. <i>Resuscitation</i> , 2007, 75, 184-188.	3.0	16
17	Impact of timing to source control in patients with septic shock: A prospective multi-center observational study. <i>Journal of Critical Care</i> , 2019, 53, 176-182.	2.2	16
18	Selective inhibition of polymorphonuclear neutrophils by resuscitative concentration of hypertonic saline. <i>Emergency Medicine Journal</i> , 2006, 23, 119-122.	1.0	15

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19	Grayanotoxin Poisoning From Flower of <i>Rhododendron mucronulatum</i> in Humans. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 132-133.	2.7	15
20	Risk factors for sepsis in Korean trauma patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2016, 42, 453-458.	1.7	14
21	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> , 2007, 24, 343-347.	1.0	13
22	Satisfaction with facial laceration repair by provider specialty in the emergency department. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 179-183.	1.6	13
23	Anticholinesterase Therapy for Patients with Ophthalmoplegia Following Snake Bites: Report of Two Cases. <i>Journal of Korean Medical Science</i> , 2004, 19, 631.	2.5	11
24	Reversible pancytopenia following the consumption of decoction of <i>Ganoderma neojaponicum</i> Imazeki. <i>Clinical Toxicology</i> , 2011, 49, 115-117.	1.9	11
25	Effects of hypertonic saline on macrophage migration inhibitory factor in traumatic conditions. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 362-366.	1.8	11
26	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> , 2018, 8, e018208.	1.9	10
27	Clinician awareness of tetanus-diphtheria vaccination in trauma patients: a questionnaire study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 35.	2.6	9
28	Comparative Analysis of Acute Toxic Poisoning in 2003 and 2011: Analysis of 3 Academic Hospitals. <i>Journal of Korean Medical Science</i> , 2013, 28, 1424.	2.5	9
29	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> , 2020, 18, 390.	5.5	9
30	Assessing the severity of pulmonary embolism among patients in the emergency department: Utility of RV/LV diameter ratio. <i>PLoS ONE</i> , 2020, 15, e0242340.	2.5	9
31	Relationship between time of emergency department admission and adherence to the Surviving Sepsis Campaign bundle in patients with septic shock. <i>Critical Care</i> , 2022, 26, 43.	5.8	9
32	Gastric emphysema after methyl ethyl ketone peroxide ingestion. <i>Clinical Toxicology</i> , 2010, 48, 90-91.	1.9	8
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> , 2011, 82, 743-748.	3.0	8
34	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> , 2018, 33, e254.	2.5	8
35	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> , 2019, 8, 833.	2.4	8
36	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> , 2019, 14, e0217857.	2.5	8

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37	Effects of atmospheric temperature and humidity on outbreak of diseases. EMA - Emergency Medicine Australasia, 2007, 19, 501-508.	1.1	6
38	Effect of hypertonic saline and macrophage migration inhibitory factor in restoration of T cell dysfunction. [Chapchi] Journal Taehan Oekwa Hakhoe, 2011, 81, 229.	1.1	6
39	Accuracy of transcutaneous carbon dioxide monitoring in hypotensive patients. Emergency Medicine Journal, 2014, 31, 323-326.	1.0	6
40	The Effect of Hypertonic Saline on mRNA of Proinflammatory Cytokines in Lipopolysaccharide-Stimulated Polymorphonuclear Cells. Current Therapeutic Research, 2014, 76, 58-62.	1.2	6
41	The inflammatory response of neutrophils in an in vitro model that approximates the postcardiac arrest state. Annals of Surgical Treatment and Research, 2017, 93, 217.	1.0	6
42	Comparison of traumatic brain injury patients with brain computed tomography in the emergency department by age group. Clinical and Experimental Emergency Medicine, 2020, 7, 81-86.	1.6	6
43	Impact of 1-Hour Bundle Achievement in Septic Shock. Journal of Clinical Medicine, 2021, 10, 527.	2.4	5
44	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
45	The use of transcutaneous CO2 monitoring in cardiac arrest patients: a feasibility study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2014, 22, 70.	2.6	4
46	The Effects of Oxygen and Treatments in Hypoxic Conditions in SH-SY5Y Cells. Shock, 2018, 50, 449-454.	2.1	4
47	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
48	Prehospital and emergency department care in South Korea. Canadian Journal of Emergency Medicine, 2007, 9, 171-173.	1.1	3
49	Acute hepatitis and acute kidney insufficiency caused by ingestion of raw grass carp gall bladder. EMA - Emergency Medicine Australasia, 2013, 25, 608-609.	1.1	3
50	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
51	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
52	Macrophage Migration Inhibitory Factor Levels Correlate with Infection in Trauma Patients. Ulusal Travma Ve Acil Cerrahi Dergisi, 2017, 23, 193-198.	0.3	3
53	Analysis of Trauma Patients with Massive Transfusion in the Emergency Department. The Korean Journal of Blood Transfusion, 2016, 27, 130-136.	0.4	3
54	Helicopter emergency medical services. European Journal of Emergency Medicine, 2011, 18, 176-178.	1.1	2

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55	Hypertonic saline downregulate the production level of lipopolysaccharide-induced migration inhibitory factor in THP-1 cells. [Chapchi] Journal Taehan Oekwa Hakhoe, 2012, 82, 1.	1.1	2
56	Aconitine poisoning from leaves of aconitumpseudo-leavevar.erectum, not the root in humans. Clinical Toxicology, 2009, 47, 836-836.	1.9	1
57	A report of therapeutic hypothermia for postcardiac arrest care due to thyroid storm. Kaohsiung Journal of Medical Sciences, 2014, 30, 539-540.	1.9	1
58	Diagnostic accuracy of lactate levels after initial fluid resuscitation as a predictor for 28-day mortality in septic shock. American Journal of Emergency Medicine, 2021, 46, 392-397.	1.6	1
59	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
60	Learning curve and period of experience required for the competent diagnosis of acute appendicitis using abdominal computed tomography: a prospective observational study. Clinical and Experimental Emergency Medicine, 2017, 4, 222-231.	1.6	1
61	Ambient PM Concentrations as a Precursor of Emergency Visits for Respiratory Complaints: Roles of Deep Learning and Multi-Point Real-Time Monitoring. Sustainability, 2022, 14, 2703.	3.2	1
62	Concentration of Arginine and Optimal Time of Hypertonic Saline in Restoration of T-Cell Dysfunction. Journal of Surgical Research, 2010, 163, e17-e22.	1.6	0
63	The impact of hypoxic conditions on apoptosis and Toll-like receptor 4 expression in polymorphonuclear neutrophils. European Journal of Inflammation, 2018, 16, 1721727X1875675.	0.5	0
64	Efficacy of Nefopam Analgesia for Trauma Patients in the Emergency Department. Journal of Trauma and Injury, 2017, 30, 1-5.	0.4	0
65	Significance of Biomarkers as a Predictive Factor for Post-Traumatic Sepsis. Journal of Trauma and Injury, 2018, 31, 166-173.	0.4	0
66	The impacts of oxygen and pentoxifylline in hypoxic condition. European Journal of Inflammation, 2022, 20, 205873922110565.	0.5	0