

Jae Hyuk Lee

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,802
citations

279487

23
h-index

315357

38
g-index

81
all docs

81
docs citations

81
times ranked

2567
citing authors

#	ARTICLE	IF	CITATIONS
1	Red cell distribution width is a prognostic factor in severe sepsis and septic shock. American Journal of Emergency Medicine, 2013, 31, 545-548.	0.7	181
2	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. European Respiratory Journal, 2019, 53, 1800786.	3.1	160
3	Albumin and C-reactive protein have prognostic significance in patients with community-acquired pneumonia. Journal of Critical Care, 2011, 26, 287-294.	1.0	129
4	Red cell distribution width as a prognostic marker in patients with community-acquired pneumonia. American Journal of Emergency Medicine, 2013, 31, 72-79.	0.7	98
5	Red blood cell distribution width as an independent predictor of all-cause mortality in out of hospital cardiac arrest. Resuscitation, 2012, 83, 1248-1252.	1.3	56
6	Prognostic implication of initial coagulopathy in out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 48-53.	1.3	56
7	Initial blood pH during cardiopulmonary resuscitation in out-of-hospital cardiac arrest patients: a multicenter observational registry-based study. Critical Care, 2017, 21, 322.	2.5	51
8	The clinical significance of a failed initial intubation attempt during emergency department resuscitation of out-of-hospital cardiac arrest patients. Resuscitation, 2014, 85, 623-627.	1.3	48
9	Emergency department crowding is associated with 28-day mortality in community-acquired pneumonia patients. Journal of Infection, 2012, 64, 268-275.	1.7	47
10	Glutamine attenuates acute lung injury by inhibition of high mobility group box protein-1 expression during sepsis. British Journal of Nutrition, 2010, 103, 890-898.	1.2	44
11	Effect of speed of rewarming and administration of anti-inflammatory or anti-oxidant agents on acute lung injury in an intestinal ischemia model treated with therapeutic hypothermia. Resuscitation, 2010, 81, 100-105.	1.3	43
12	Prognostic Performance of Diffusion-Weighted MRI Combined with NSE in Comatose Cardiac Arrest Survivors Treated with Mild Hypothermia. Neurocritical Care, 2012, 17, 412-420.	1.2	42
13	The Korean Triage and Acuity Scale: associations with admission, disposition, mortality and length of stay in the emergency department. International Journal for Quality in Health Care, 2019, 31, 449-455.	0.9	41
14	Circulating Monocyte Counts and its Impact on Outcomes in Patients With Severe Sepsis Including Septic Shock. Shock, 2019, 51, 423-429.	1.0	40
15	Prolonged Therapeutic Hypothermia Is More Effective in Attenuating Brain Apoptosis in a Swine Cardiac Arrest Model*. Critical Care Medicine, 2014, 42, e132-e142.	0.4	38
16	Developing neural network models for early detection of cardiac arrest in emergency department. American Journal of Emergency Medicine, 2020, 38, 43-49.	0.7	37
17	Induced Hypothermia Attenuates the Acute Lung Injury in Hemorrhagic Shock. Journal of Trauma, 2010, 68, 373-381.	2.3	35
18	Low apparent diffusion coefficient cluster-based analysis of diffusion-weighted MRI for prognostication of out-of-hospital cardiac arrest survivors. Resuscitation, 2013, 84, 1393-1399.	1.3	33

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19	Effect of N-acetylcysteine (NAC) on acute lung injury and acute kidney injury in hemorrhagic shock. <i>Resuscitation</i> , 2013, 84, 121-127.	1.3	28
20	Bacteremia prediction model using a common clinical test in patients with community-acquired pneumonia. <i>American Journal of Emergency Medicine</i> , 2014, 32, 700-704.	0.7	28
21	Sodium bicarbonate administration during ongoing resuscitation is associated with increased return of spontaneous circulation. <i>American Journal of Emergency Medicine</i> , 2016, 34, 225-229.	0.7	27
22	The clinical significance of changes in red blood cell distribution width in patients with community-acquired pneumonia. <i>Clinical and Experimental Emergency Medicine</i> , 2016, 3, 139-147.	0.5	25
23	Heart-type fatty acid-binding protein as a prognostic factor in patients with severe sepsis and septic shock. <i>American Journal of Emergency Medicine</i> , 2012, 30, 1749-1755.	0.7	23
24	Effect of therapeutic hypothermia according to severity of sepsis in a septic rat model. <i>Cytokine</i> , 2012, 60, 755-761.	1.4	23
25	Dose-dependent mortality and organ injury in a cecal slurry peritonitis model. <i>Journal of Surgical Research</i> , 2016, 206, 427-434.	0.8	19
26	Protective effects of therapeutic hypothermia in post-resuscitation myocardium. <i>Resuscitation</i> , 2012, 83, 633-639.	1.3	18
27	External validation of the STONE score and derivation of the modified STONE score. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1567-1572.	0.7	17
28	Quick Sepsis-related Organ Failure Assessment score is not sensitive enough to predict 28-day mortality in emergency department patients with sepsis: a retrospective review. <i>Clinical and Experimental Emergency Medicine</i> , 2019, 6, 77-83.	0.5	17
29	The index of oxygenation to respiratory rate as a prognostic factor for mortality in Sepsis. <i>American Journal of Emergency Medicine</i> , 2021, 45, 426-432.	0.7	16
30	Therapeutic hypothermia attenuates liver injury in polymicrobial sepsis model of rats via Akt survival pathway. <i>Journal of Surgical Research</i> , 2013, 181, 114-120.	0.8	15
31	The risk factors and prognostic implication of acute pulmonary edema in resuscitated cardiac arrest patients. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 110-116.	0.5	15
32	Prediction of neurological outcomes following the return of spontaneous circulation in patients with out-of-hospital cardiac arrest: Retrospective fast-and-frugal tree analysis. <i>Resuscitation</i> , 2018, 133, 65-70.	1.3	15
33	Characterization of Fecal Peritonitis-induced Sepsis in a Porcine Model. <i>Journal of Surgical Research</i> , 2019, 244, 492-501.	0.8	15
34	Prolonged stay in the emergency department is an independent risk factor for hospital-acquired pressure ulcer. <i>International Wound Journal</i> , 2020, 17, 259-267.	1.3	15
35	Differences in the Clinical Characteristics of Rapid Response System Activation in Patients Admitted to Medical or Surgical Services. <i>Journal of Korean Medical Science</i> , 2017, 32, 688.	1.1	14
36	Risk of Pneumonia After Vertebral Compression Fracture in Women With Low Bone Density. <i>Spine</i> , 2018, 43, E830-E835.	1.0	14

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37	Moderate to severe hyperphosphataemia as an independent prognostic factor for 28-day mortality in adult patients with sepsis. <i>Emergency Medicine Journal</i> , 2020, 37, 355-361.	0.4	14
38	Feasibility of Continuous Glucose Monitoring in Critically Ill Emergency Department Patients. <i>Journal of Emergency Medicine</i> , 2012, 43, 251-257.	0.3	13
39	A risk stratification model of acute pyelonephritis to indicate hospital admission from the ED. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1067-1072.	0.7	13
40	Effect of valproic acid on survival and neurologic outcomes in an asphyxial cardiac arrest model of rats. <i>Resuscitation</i> , 2013, 84, 1443-1449.	1.3	13
41	Severe thinness is associated with mortality in patients with community-acquired pneumonia: a prospective observational study. <i>American Journal of Emergency Medicine</i> , 2015, 33, 209-213.	0.7	13
42	Incidence and risk factors of delayed intracranial hemorrhage in the emergency department. <i>American Journal of Emergency Medicine</i> , 2018, 36, 271-276.	0.7	13
43	Assessment of body water distribution in patients with sepsis during fluid resuscitation using multi-frequency direct segmental bioelectrical impedance analysis. <i>Clinical Nutrition</i> , 2020, 39, 1826-1831.	2.3	13
44	Awareness and knowledge of sepsis in the general Korean population: comparison with the awareness and knowledge of acute myocardial infarction and stroke. <i>Clinical and Experimental Emergency Medicine</i> , 2014, 1, 41-48.	0.5	13
45	Early Norepinephrine Infusion Delays Cardiac Arrest After Hemorrhagic Shock in Rats. <i>Journal of Emergency Medicine</i> , 2009, 37, 376-382.	0.3	12
46	Does the quality of chest compressions deteriorate when the chest compression rate is above 120/min?. <i>Emergency Medicine Journal</i> , 2014, 31, 645-648.	0.4	12
47	Prognostication of cardiac arrest survivors using low apparent diffusion coefficient cluster volume. <i>Resuscitation</i> , 2016, 100, 18-24.	1.3	11
48	Effect of valproic acid combined with therapeutic hypothermia on neurologic outcome in asphyxial cardiac arrest model of rats. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1773-1779.	0.7	10
49	ED crowding and the outcomes of out-of-hospital cardiac arrest. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1659-1664.	0.7	10
50	Blood pressure-targeted stepwise resuscitation for hemorrhagic shock in rats. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 771-778.	1.1	9
51	Use of resuscitative endovascular balloon occlusion of the aorta in a patient with gastrointestinal bleeding. <i>Clinical and Experimental Emergency Medicine</i> , 2016, 3, 55-58.	0.5	9
52	Quantitative Fluorescence In Situ Hybridization (FISH) of Magnetically Confined Bacteria Enables Early Detection of Human Bacteremia. <i>Small Methods</i> , 2022, 6, e2101239.	4.6	9
53	The effect of cyclosporine A in hemorrhagic shock model of rats. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 370-377.	1.1	8
54	Effect of Electrical Vagus Nerve Stimulation on Cerebral Blood Flow and Neurological Outcome in Asphyxial Cardiac Arrest Model of Rats. <i>Neurocritical Care</i> , 2019, 30, 572-580.	1.2	8

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55	Predicting Change of Hemoglobin After Transfusion in Hemodynamically Stable Anemic Patients in Emergency Department. <i>Journal of Trauma</i> , 2010, 68, 337-341.	2.3	7
56	Dynamic prediction of patient outcomes during ongoing cardiopulmonary resuscitation. <i>Resuscitation</i> , 2017, 111, 127-133.	1.3	7
57	Impact of bacteremia prediction rule in CAP: Before and after study. <i>American Journal of Emergency Medicine</i> , 2018, 36, 758-762.	0.7	6
58	Analysis of Porcine Model of Fecal-Induced Peritonitis Reveals the Tropism of Blood Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 676650.	1.8	6
59	Gradual and stepwise increase of blood pressure in hemorrhagic shock: Mimicking ischemic post-conditioning. <i>Medical Hypotheses</i> , 2013, 81, 701-703.	0.8	5
60	Prognostic value of pneumococcal urinary antigen test in community-acquired pneumonia. <i>PLoS ONE</i> , 2018, 13, e0200620.	1.1	5
61	Refractory Ventricular Fibrillation Treated with Double Simultaneous Defibrillation: Pilot Study. <i>Emergency Medicine International</i> , 2020, 2020, 1-6.	0.3	5
62	Serum total carbon dioxide as a prognostic factor for 28-day mortality in patients with sepsis. <i>American Journal of Emergency Medicine</i> , 2020, 44, 277-283.	0.7	5
63	Antibiotic prescription consistent with guidelines in emergency department is associated with 30-day survival in severe community-acquired pneumonia. <i>BMC Emergency Medicine</i> , 2021, 21, 108.	0.7	5
64	A new chest compression depth indicator would increase compression depth without increasing overcompression risk. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1755-1759.	0.7	4
65	Change in guardians'™ preference for computed tomography after explanation by emergency physicians in pediatric head injury. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 226-235.	0.5	4
66	Comparison of body water status and its distribution in patients with non-septic infection, patients with sepsis, and healthy controls. <i>Clinical and Experimental Emergency Medicine</i> , 2021, 8, 173-181.	0.5	3
67	Rapid rewarming after therapeutic hypothermia worsens outcome in sepsis. <i>Clinical and Experimental Emergency Medicine</i> , 2014, 1, 120-125.	0.5	3
68	Blood pressure-targeted stepwise resuscitation of hemorrhagic shock in a swine model. <i>Journal of Surgical Research</i> , 2016, 204, 192-199.	0.8	2
69	Reoxygenation speed and its implication for cellular injury responses in hypoxic RAW 264.7 cells. <i>Journal of Surgical Research</i> , 2018, 227, 88-94.	0.8	2
70	The Association of Extreme Tachycardia and Sustained Return of Spontaneous Circulation after Nontraumatic Out-of-Hospital Cardiac Arrest. <i>Emergency Medicine International</i> , 2020, 2020, 1-7.	0.3	2
71	The change in age distribution of CAP population in Korea with an estimation of clinical implications of increasing age threshold of current CURB65 and CRB65 scoring system. <i>PLoS ONE</i> , 2019, 14, e0219367.	1.1	1
72	Longitudinal Intravital Imaging of Tumor-Infiltrating Lymphocyte Motility in Breast Cancer Models. <i>Journal of Breast Cancer</i> , 2021, 24, 463-473.	0.8	1

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73	Can emergency physicians reliably interpret cardiac CT images? A prospective observational study. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 38-43.	0.5	1
74	Vagus Nerve Stimulation Improves Mitochondrial Dysfunction in Post-cardiac Arrest Syndrome in the Asphyxial Cardiac Arrest Model in Rats. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
75	Changes in Biomarkers and Hemodynamics According to Antibiotic Susceptibility in a Model of Bacteremia. <i>Microbiology Spectrum</i> , 0, , .	1.2	1
76	346. <i>Critical Care Medicine</i> , 2013, 41, A81-A82.	0.4	0
77	510. <i>Critical Care Medicine</i> , 2013, 41, A124.	0.4	0
78	244. <i>Critical Care Medicine</i> , 2014, 42, A1419.	0.4	0
79	674. <i>Critical Care Medicine</i> , 2014, 42, A1522.	0.4	0