Kyoung-Chul Cha

List of Publications by Year
in descending order

67 papers	783 citations	567281 15 h-index	580821 25 g-index
68 all docs	68 docs citations	68 times ranked	1218 citing authors

#	Article	IF	Citations
1	Relationship between cooling time and neurological outcomes in targeted temperature management. Academic Emergency Medicine, 2022, , .	1.8	0
2	Ischaemia-induced Osborn waves. European Heart Journal - Case Reports, 2022, 6, ytac143.	0.6	1
3	Slow Heart Rate Within 72 Hours After Cardiac Arrest Is Associated with Good Neurologic Outcome in Out-of-Hospital Cardiac Arrest Survivors Who Undergo Targeted Temperature Management with 33Â°C. Therapeutic Hypothermia and Temperature Management, 2021, 11, 145-154.	0.9	1
4	Diagnosis of aortic dissection by transesophageal echocardiography during cardiopulmonary resuscitation. American Journal of Emergency Medicine, 2021, 39, 92-95.	1.6	10
5	Changes in Diagnosis of Poisoning in Patients in the Emergency Room Using Systematic Toxicological Analysis with the National Forensic Service. Journal of Korean Medical Science, 2021, 36, e118.	2.5	6
6	Association between Novel Marker (Platelet-Lymphocyte Ratio, Neutrophil-Lymphocyte Ratio, and Delta) Tj ETQq0 0 0 rgBT /Overlock 10 2021, 2021, 1-7.	0.8	7
7	2020 Korean Guidelines for Cardiopulmonary Resuscitation. Part 4. Adult advanced life support. Clinical and Experimental Emergency Medicine, 2021, 8, S26-S40.	1.6	17
8	2020 Korean Guidelines for Cardiopulmonary Resuscitation. Part 1. Update process and highlights. Clinical and Experimental Emergency Medicine, 2021, 8, S1-S7.	1.6	9
9	2020 Korean Guidelines for Cardiopulmonary Resuscitation. Part 2. Environment for cardiac arrest survival and the chain of survival. Clinical and Experimental Emergency Medicine, 2021, 8, S8-S14.	1.6	13
10	2020 Korean Guidelines for Cardiopulmonary Resuscitation. Part 5. Post-cardiac arrest care. Clinical and Experimental Emergency Medicine, 2021, 8, S41-S64.	1.6	17
11	Comparison of Resuscitation Outcomes Between 2â€•or 3â€Stacked Defibrillation Strategies With Minimally Interrupted Chest Compression and the Single Defibrillation Strategy: A Swine Cardiac Arrest Model. Journal of the American Heart Association, 2021, 10, e021250.	3.7	1
12	Early neuro-prognostication with the Patient State Index and suppression ratio in post-cardiac arrest patients. Journal of Critical Care, 2021, 65, 149-155.	2.2	4
13	High-Sensitivity Troponin I Assay for Differential Diagnosis of New-Onset Myocardial Infarction in Patients with Acute Decompensated Heart Failure. Yonsei Medical Journal, 2021, 62, 129.	2.2	2
14	Estimation of Arterial Blood Pressure Based on Artificial Intelligence Using Single Earlobe Photoplethysmography during Cardiopulmonary Resuscitation. Journal of Medical Systems, 2020, 44, 18.	3.6	6
15	Effect of chest compression on skeletal chest injuries: a retrospective study. European Journal of Emergency Medicine, 2020, 27, 59-63.	1.1	5
16	Ionized calcium level at emergency department arrival is associated with return of spontaneous circulation in out-of-hospital cardiac arrest. PLoS ONE, 2020, 15, e0240420.	2.5	6
17	Intra-arrest transoesophageal echocardiographic findings and resuscitation outcomes. Resuscitation, 2020, 154, 31-37.	3.0	17
18	Diagnosis of aortic dissection during cardiopulmonary resuscitation. Transthoracic versus transesophageal echocardiography. American Journal of Emergency Medicine, 2020, 38, 829-830.	1.6	0

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19	Outcome and status of postcardiac arrest care in Korea: results from the Korean Hypothermia Network prospective registry. Clinical and Experimental Emergency Medicine, 2020, 7, 250-258.	1.6	20
20	Title is missing!. , 2020, 15, e0240420.		0
21	Title is missing!. , 2020, 15, e0240420.		0
22	Title is missing!. , 2020, 15, e0240420.		0
23	Title is missing!. , 2020, 15, e0240420.		0
24	Procalcitonin as a diagnostic marker for sepsis/septic shock in the emergency department; a study based on Sepsis-3 definition. American Journal of Emergency Medicine, 2019, 37, 272-276.	1.6	15
25	Shorter defibrillation interval promotes successful defibrillation and resuscitation outcomes. Resuscitation, 2019, 143, 100-105.	3.0	5
26	Comparison of hemodynamic effects and resuscitation outcomes between automatic simultaneous sterno-thoracic cardiopulmonary resuscitation device and LUCAS in a swine model of cardiac arrest. PLoS ONE, 2019, 14, e0221965.	2.5	1
27	Cardiac Arrest in the Cardiac Catheterization Laboratory. JACC: Cardiovascular Interventions, 2019, 12, 1840-1849.	2.9	7
28	Association between acute kidney injury and neurological outcome or death at 6â€˜months in out-of-hospital cardiac arrest: A prospective, multicenter, observational cohort study. Journal of Critical Care, 2019, 54, 197-204.	2.2	11
29	Kinetic analysis of cardiac compressions during cardiopulmonary resuscitation. Journal of Critical Care, 2019, 52, 48-52.	2.2	4
30	â€˜Knocking-fingersâ€™ chest compression technique in infant cardiac arrest: single-rescuer manikin study. European Journal of Emergency Medicine, 2019, 26, 261-265.	1.1	19
31	The gradient between arterial and end-tidal carbon dioxide predicts in-hospital mortality in post-cardiac arrest patient. American Journal of Emergency Medicine, 2019, 37, 1-4.	1.6	17
32	Acute aortic dissection developed after cardiopulmonary resuscitation: transesophageal echocardiographic observations and proposed mechanism of injury. Acute and Critical Care, 2019, 34, 228-231.	1.4	8
33	Echocardiographic patterns of postresuscitation myocardial dysfunction. Resuscitation, 2018, 124, 90-95.	3.0	51
34	Reply to: Electrocardiographic patterns in postresuscitation patients?. Resuscitation, 2018, 125, e6-e7.	3.0	1
35	Evaluation of relationship between coronary artery status evaluated by coronary computed tomography angiography and development of cardiomyopathy in carbon monoxide poisoned patients with myocardial injury: a prospective observational study. Clinical Toxicology, 2018, 56, 30-36.	1.9	10
36	Single Ventilation during Cardiopulmonary Resuscitation Results in Better Neurological Outcomes in a Porcine Model of Cardiac Arrest. Yonsei Medical Journal, 2018, 59, 1232.	2.2	3

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37	Effect of Automated Simultaneous Sternothoracic Cardiopulmonary Resuscitation Device on Hemodynamics in Out-of-Hospital Cardiac Arrest Patients. Journal of Emergency Medicine, 2018, 55, 226-234.	0.7	4
38	Usefulness of delta neutrophil index for early prediction of overt disseminated intravascular coagulopathy in patients with venomous snakebite. Clinical and Experimental Emergency Medicine, 2018, 5, 76-83.	1.6	9
39	Validation of the Korean criteria for trauma team activation. Clinical and Experimental Emergency Medicine, 2018, 5, 256-263.	1.6	0
40	Parenchymal lung injuries related to standard cardiopulmonary resuscitation. American Journal of Emergency Medicine, 2017, 35, 117-121.	1.6	25
41	Reduced Mortality in Severely Injured Patients Using Hospital-based Helicopter Emergency Medical Services in Interhospital Transport. Journal of Korean Medical Science, 2017, 32, 1187.	2.5	15
42	Mortality Reduction in Major Trauma Patients after Establishment of a Level I Trauma Center in Korea: A Single-Center Experience. Journal of Trauma and Injury, 2017, 30, 131-139.	0.4	2
43	The Author's Response: Compression Rate during Cardiopulmonary Resuscitation. Journal of Korean Medical Science, 2016, 31, 1853.	2.5	0
44	A Randomized Controlled Trial of Compression Rates during Cardiopulmonary Resuscitation. Journal of Korean Medical Science, 2016, 31, 1491.	2.5	11
45	The Usefulness of the Delta Neutrophil Index for Predicting Superimposed Pneumonia in Patients with Acute Decompensated Heart Failure in the Emergency Department. PLoS ONE, 2016, 11, e0163461.	2.5	6
46	Prognostic value of gray matter to white matter ratio in hypoxic and non-hypoxic cardiac arrest with non-cardiac etiology. American Journal of Emergency Medicine, 2016, 34, 1583-1588.	1.6	39
47	The utility of noninvasive nasal positive pressure ventilators for optimizing oxygenation during rapid sequence intubation. American Journal of Emergency Medicine, 2016, 34, 1627-1630.	1.6	9
48	Incidence and patterns of cardiomyopathy in carbon monoxide-poisoned patients with myocardial injury. Clinical Toxicology, 2016, 54, 481-487.	1.9	19
49	A subset of type I variant Kounis syndrome: Allergic angina syndrome and persistent presence of coronary spasm. International Journal of Cardiology, 2016, 223, 959-961.	1.7	5
50	Effect of intrathoracic pressure on diastolic function of the heart during cardiopulmonary resuscitation in an animal model of cardiac arrest. Resuscitation, 2016, 106, e33-e34.	3.0	0
51	Clinical outcomes of adverse cardiovascular events in patients with acute dapsone poisoning. Clinical and Experimental Emergency Medicine, 2016, 3, 41-45.	1.6	13
52	The usefulness of serum delta neutrophil index for differentiating bacterial and viral meningitis in the emergency department. Clinical and Experimental Emergency Medicine, 2016, 3, 95-99.	1.6	7
53	Comparison Between 30:1 and 30:2 Compressionâ€toâ€ventilation Ratios for Cardiopulmonary Resuscitation: Are Two Ventilations Necessary?. Academic Emergency Medicine, 2015, 22, 1261-1266.	1.8	3
54	Shock Duration after Resuscitation Is Associated with Occurrence of Post-Cardiac Arrest Acute Kidney Injury. Journal of Korean Medical Science, 2015, 30, 802.	2.5	14

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55	Evaluation of usefulness of myeloperoxidase index (MPXI) for differential diagnosis of systemic inflammatory response syndrome (SIRS) in the emergency department. Emergency Medicine Journal, 2015, 32, 304-307.	1.0	8
56	Evaluation of Cardiac Function Using Transthoracic Echocardiography in Patients with Myocardial Injury Secondary to Methomyl Poisoning. Cardiovascular Toxicology, 2015, 15, 269-275.	2.7	3
57	Adverse events associated with poor neurological outcome during targeted temperature management and advanced critical care after out-of-hospital cardiac arrest. Critical Care, 2015, 19, 283.	5.8	36
58	Features and predictors of myocardial injury in carbon monoxide poisoned patients. Emergency Medicine Journal, 2014, 31, 210-215.	1.0	23
59	Pyrethroid poisoning: features and predictors of atypical presentations. Emergency Medicine Journal, 2014, 31, 899-903.	1.0	19
60	Outcome and current status of therapeutic hypothermia after out-of-hospital cardiac arrest in Korea using data from the Korea Hypothermia Network registry. Clinical and Experimental Emergency Medicine, 2014, 1, 19-27.	1.6	22
61	Effect of cardiopulmonary resuscitation on restoration of myocardial ATP in prolonged ventricular fibrillation. Resuscitation, 2013, 84, 108-113.	3.0	16
62	Hemodynamic Effect of External Chest Compressions at the Lower End of the Sternum in Cardiac Arrest Patients. Journal of Emergency Medicine, 2013, 44, 691-697.	0.7	47
63	Influence of nationwide policy on citizensâ€™ awareness and willingness to perform bystander cardiopulmonary resuscitation. Resuscitation, 2013, 84, 889-894.	3.0	75
64	Optimal position for external chest compression during cardiopulmonary resuscitation: an analysis based on chest CT in patients resuscitated from cardiac arrest. Emergency Medicine Journal, 2013, 30, 615-619.	1.0	52
65	The Frequency of Reexpansion Pulmonary Edema after Trocar and Hemostat Assisted Thoracostomy in Patients with Spontaneous Pneumothorax. Yonsei Medical Journal, 2013, 54, 166.	2.2	6
66	The Utility of Serum Procalcitonin Levels in the Management of Systemic Inflammatory Response Syndrome in the Emergency Department. The Korean Journal of Critical Care Medicine, 2012, 27, 10.	0.2	0
67	Right-to-Left Shunts Occur During Cardiopulmonary Resuscitation: Echocardiographic Observations. Critical Care Medicine, 0, Publish Ahead of Print, .	0.9	1