

Chung, Chi Ryang

List of Publications by Year in descending order

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118
papers

2,733
citations

172457

29
h-index

223800

46
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127
all docs

127
docs citations

127
times ranked

4989
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges of Convalescent Plasma Infusion Therapy in Middle East Respiratory Coronavirus Infection: A Single Centre Experience. <i>Antiviral Therapy</i> , 2018, 23, 617-622.	1.0	275
2	Improvement in the survival rates of extracorporeal membrane oxygenation-supported respiratory failure patients: a multicenter retrospective study in Korean patients. <i>Critical Care</i> , 2019, 23, 1.	5.8	148
3	Predictive factors for pneumonia development and progression to respiratory failure in MERS-CoV infected patients. <i>Journal of Infection</i> , 2016, 73, 468-475.	3.3	118
4	Association Between Presence of a Cardiac Intensivist and Mortality in an Adult Cardiac Care Unit. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2637-2648.	2.8	101
5	Extracorporeal membrane oxygenation for refractory septic shock in adults. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, e68-e74.	1.4	87
6	Developing a risk prediction model for survival to discharge in cardiac arrest patients who undergo extracorporeal membrane oxygenation. <i>International Journal of Cardiology</i> , 2014, 177, 1031-1035.	1.7	76
7	Comparison between surgery and radiofrequency ablation for stage I non-small cell lung cancer. <i>European Journal of Radiology</i> , 2012, 81, 395-399.	2.6	71
8	Serologic responses of 42 MERS-coronavirus-infected patients according to the disease severity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 106-111.	1.8	70
9	Clinical Usefulness of Procalcitonin and C-Reactive Protein as Outcome Predictors in Critically Ill Patients with Severe Sepsis and Septic Shock. <i>PLoS ONE</i> , 2015, 10, e0138150.	2.5	66
10	An Artificial Intelligence Model to Predict the Mortality of COVID-19 Patients at Hospital Admission Time Using Routine Blood Samples: Development and Validation of an Ensemble Model. <i>Journal of Medical Internet Research</i> , 2020, 22, e25442.	4.3	64
11	Feasibility and Safety of Early Physical Therapy and Active Mobilization for Patients on Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2015, 61, 564-568.	1.6	62
12	Effect of Early Intervention on Long-Term Outcomes of Critically Ill Cancer Patients Admitted to ICUs*. <i>Critical Care Medicine</i> , 2015, 43, 1439-1448.	0.9	55
13	Control of an Outbreak of Middle East Respiratory Syndrome in a Tertiary Hospital in Korea. <i>Annals of Internal Medicine</i> , 2016, 165, 87.	3.9	50
14	Clinical outcomes after rescue extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest. <i>Emergency Medicine Journal</i> , 2017, 34, 107-111.	1.0	49
15	A nationwide analysis of intensive care unit admissions, 2009â€“2014 â€“ The Korean ICU National Data (KIND) study. <i>Journal of Critical Care</i> , 2018, 44, 24-30.	2.2	47
16	Plasma surfactant protein-D as a diagnostic biomarker for acute respiratory distress syndrome: validation in US and Korean cohorts. <i>BMC Pulmonary Medicine</i> , 2017, 17, 204.	2.0	45
17	Differences in Clinical Outcomes According to Weaning Classifications in Medical Intensive Care Units. <i>PLoS ONE</i> , 2015, 10, e0122810.	2.5	43
18	Possible Transfusion-Related Acute Lung Injury Following Convalescent Plasma Transfusion in a Patient With Middle East Respiratory Syndrome. <i>Annals of Laboratory Medicine</i> , 2016, 36, 393-395.	2.5	41

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19	Survival After Extracorporeal Cardiopulmonary Resuscitation on Weekends in Comparison With Weekdays. <i>Annals of Thoracic Surgery</i> , 2016, 101, 133-140.	1.3	38
20	The effect of multidisciplinary extracorporeal membrane oxygenation team on clinical outcomes in patients with severe acute respiratory failure. <i>Annals of Intensive Care</i> , 2018, 8, 31.	4.6	38
21	Trough Concentrations of Vancomycin in Patients Undergoing Extracorporeal Membrane Oxygenation. <i>PLoS ONE</i> , 2015, 10, e0141016.	2.5	37
22	Time-to-antibiotics and clinical outcomes in patients with sepsis and septic shock: a prospective nationwide multicenter cohort study. <i>Critical Care</i> , 2022, 26, 19.	5.8	37
23	The association of findings on brain computed tomography with neurologic outcomes following extracorporeal cardiopulmonary resuscitation. <i>Critical Care</i> , 2017, 21, 15.	5.8	36
24	Neurologic Outcomes in Patients Who Undergo Extracorporeal Cardiopulmonary Resuscitation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 749-755.	1.3	36
25	Safety profile and feasibility of early physical therapy and mobility for critically ill patients in the medical intensive care unit: Beginning experiences in Korea. <i>Journal of Critical Care</i> , 2015, 30, 673-677.	2.2	35
26	Impact of delirium on weaning from mechanical ventilation in medical patients. <i>Respirology</i> , 2016, 21, 313-320.	2.3	35
27	Impact of a cardiac intensivist on mortality in patients with cardiogenic shock. <i>International Journal of Cardiology</i> , 2017, 244, 220-225.	1.7	34
28	Association of body mass index with clinical outcomes for in-hospital cardiac arrest adult patients following extracorporeal cardiopulmonary resuscitation. <i>PLoS ONE</i> , 2017, 12, e0176143.	2.5	34
29	Vasoactive Inotropic Score as a Predictor of Mortality in Adult Patients With Cardiogenic Shock: Medical Therapy Versus ECMO. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 40-47.	0.6	32
30	Circulating RIPK3 levels are associated with mortality and organ failure during critical illness. <i>JCI Insight</i> , 2018, 3, .	5.0	32
31	Incidence of hypotension according to the discontinuation order of vasopressors in the management of septic shock: a prospective randomized trial (DOVSS). <i>Critical Care</i> , 2018, 22, 131.	5.8	30
32	Estimating the Neutralizing Effect and Titer Correlation of Semi-Quantitative Anti-SARS-CoV-2 Antibody Immunoassays. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 822599.	3.9	28
33	Obesity survival paradox in pneumonia supported with extracorporeal membrane oxygenation: Analysis of the national registry. <i>Journal of Critical Care</i> , 2018, 48, 453-457.	2.2	27
34	Association between diuretics and successful discontinuation of continuous renal replacement therapy in critically ill patients with acute kidney injury. <i>Critical Care</i> , 2018, 22, 255.	5.8	27
35	Economic Burden and Epidemiology of Pneumonia in Korean Adults Aged over 50 Years. <i>Journal of Korean Medical Science</i> , 2013, 28, 888.	2.5	26
36	Risk factors for acquisition of multidrug-resistant bacteria in patients with anastomotic leakage after colorectal cancer surgery. <i>International Journal of Colorectal Disease</i> , 2015, 30, 497-504.	2.2	26

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37	A comprehensive analysis of adult patients with secondary hemophagocytic lymphohistiocytosis: a prospective cohort study. <i>Annals of Hematology</i> , 2020, 99, 2095-2104.	1.8	24
38	Age is major factor for predicting survival in patients with acute respiratory failure on extracorporeal membrane oxygenation: a Korean multicenter study. <i>Journal of Thoracic Disease</i> , 2018, 10, 1406-1417.	1.4	24
39	Implementation of the ABCDEF Bundle for Critically Ill ICU Patients During the COVID-19 Pandemic: A Multi-National 1-Day Point Prevalence Study. <i>Frontiers in Medicine</i> , 2021, 8, 735860.	2.6	23
40	Target Temperature Management May Not Improve Clinical Outcomes of Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 790-796.	2.8	22
41	The effect of bed-to-nurse ratio on hospital mortality of critically ill children on mechanical ventilation: a nationwide population-based study. <i>Annals of Intensive Care</i> , 2020, 10, 159.	4.6	22
42	Cognitive Impairment and Psychological Distress at Discharge from Intensive Care Unit. <i>Psychiatry Investigation</i> , 2017, 14, 376.	1.6	20
43	Treatment of asymptomatic pulmonary cryptococcosis in immunocompetent hosts with oral fluconazole. <i>Scandinavian Journal of Infectious Diseases</i> , 2011, 43, 380-385.	1.5	19
44	Impact of Neurointensivist Co-management on the Clinical Outcomes of Patients Admitted to a Neurosurgical Intensive Care Unit. <i>Journal of Korean Medical Science</i> , 2017, 32, 1024.	2.5	19
45	Inter-rater reliability of the Johns Hopkins Highest Level of Mobility Scale (JH-HLM) in the intensive care unit. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 352-355.	2.5	19
46	Integrated EIT system for functional lung ventilation imaging. <i>BioMedical Engineering OnLine</i> , 2019, 18, 83.	2.7	18
47	Extracorporeal membrane oxygenation in Korea – Trends and impact of hospital volume on outcome: Analysis of national insurance data 2009–2014. <i>Journal of Critical Care</i> , 2019, 49, 1-6.	2.2	18
48	Blood Stream Infection in Patients on Venovenous Extracorporeal Membrane Oxygenation for Respiratory Failure. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 871-874.	1.8	16
49	Safety and feasibility of ultrasound-guided placement of peripherally inserted central catheter performed by neurointensivist in neurosurgery intensive care unit. <i>PLoS ONE</i> , 2019, 14, e0217641.	2.5	16
50	Prolonged Maintenance of VV ECMO for 104 Days with Native Lung Recovery in Acute Respiratory Failure. <i>ASAIO Journal</i> , 2016, 62, e15-e17.	1.6	15
51	Lactate clearance and mortality in septic patients with hepatic dysfunction. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1011-1015.	1.6	15
52	Impact of limb weakness on extubation failure after planned extubation in medical patients. <i>Respirology</i> , 2018, 23, 842-850.	2.3	15
53	Prognostic value of computed tomography score in patients after extracorporeal cardiopulmonary resuscitation. <i>Critical Care</i> , 2018, 22, 323.	5.8	14
54	Readmission and hospital mortality after ICU discharge of critically ill cancer patients. <i>PLoS ONE</i> , 2019, 14, e0211240.	2.5	14

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55	Age-Specific Distribution of Diagnosis and Outcomes of Children Admitted to ICUs: A Population-Based Cohort Study*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e301-e310.	0.5	14
56	A Machine Learning-Based Algorithm for the Prediction of Intensive Care Unit Delirium (PRIDE): Retrospective Study. <i>JMIR Medical Informatics</i> , 2021, 9, e23401.	2.6	14
57	Serologic Evaluation of MERS Screening Strategy for Healthcare Personnel During a Hospital-Associated Outbreak. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 234-238.	1.8	13
58	Pulmonary Coccidioidomycosis with Peritoneal Involvement Mimicking Lung Cancer with Peritoneal Carcinomatosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 135-136.	5.6	12
59	The Use of Extracorporeal Circulation in Suspected Brain Dead Organ Donors with Cardiopulmonary Collapse. <i>Journal of Korean Medical Science</i> , 2015, 30, 1911.	2.5	12
60	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
61	Association between Body Temperature Patterns and Neurological Outcomes after Extracorporeal Cardiopulmonary Resuscitation. <i>PLoS ONE</i> , 2017, 12, e0170711.	2.5	12
62	Noninvasive, simultaneous, and continuous measurements of stroke volume and tidal volume using EIT: feasibility study of animal experiments. <i>Scientific Reports</i> , 2020, 10, 11242.	3.3	11
63	Nosocomial infections in in-hospital cardiac arrest patients who undergo extracorporeal cardiopulmonary resuscitation. <i>PLoS ONE</i> , 2020, 15, e0243838.	2.5	11
64	Safe surgical tracheostomy during the COVID-19 pandemic: A protocol based on experiences with Middle East Respiratory Syndrome and COVID-19 outbreaks in South Korea. <i>Oral Oncology</i> , 2020, 109, 104861.	1.5	10
65	Translation and validation of the Korean version of the clinical frailty scale in older patients. <i>BMC Geriatrics</i> , 2021, 21, 47.	2.7	10
66	Development and Validation of Unplanned Extubation Prediction Models Using Intensive Care Unit Data: Retrospective, Comparative, Machine Learning Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e23508.	4.3	10
67	Chronic Pulmonary Aspergillosis due to <i>Aspergillus niger</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, e16-e17.	5.6	9
68	Monitoring of Potential Safety Events and Vital Signs during Active Mobilization of Patients Undergoing Continuous Renal Replacement Therapy in a Medical Intensive Care Unit. <i>Blood Purification</i> , 2016, 42, 83-90.	1.8	9
69	Lung Compliance and Outcomes in Patients With Acute Respiratory Distress Syndrome Receiving ECMO. <i>Annals of Thoracic Surgery</i> , 2019, 108, 176-182.	1.3	9
70	Coexistence of Allergic Bronchopulmonary Aspergillosis and Active Pulmonary Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 137-139.	5.6	8
71	Risk Factors for Early Medical Emergency Team Reactivation in Hospitalized Patients. <i>Critical Care Medicine</i> , 2020, 48, e1029-e1037.	0.9	8
72	Serologic Evaluation of Healthcare Workers Caring for COVID-19 Patients in the Republic of Korea. <i>Frontiers in Microbiology</i> , 2020, 11, 587613.	3.5	8

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73	Comparative Study on the Effect of Cidofovir Treatment for Severe Adenovirus Pneumonia. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1436-1442.	2.8	8
74	Clinical usefulness of capnographic monitoring when inserting a feeding tube in critically ill patients: retrospective cohort study. <i>BMC Anesthesiology</i> , 2016, 16, 122.	1.8	7
75	Using additional pressure control lines when connecting a continuous renal replacement therapy device to an extracorporeal membrane oxygenation circuit. <i>BMC Nephrology</i> , 2018, 19, 369.	1.8	7
76	Association of statin therapy with clinical outcomes in patients with vasospastic angina: Data from Korean health insurance review and assessment service. <i>PLoS ONE</i> , 2019, 14, e0210498.	2.5	7
77	Use of extracorporeal membrane oxygenation in postpartum patients with refractory shock or respiratory failure. <i>Scientific Reports</i> , 2021, 11, 887.	3.3	6
78	Predictors of Survival to Discharge After Successful Weaning From Venous Arterial Extracorporeal Membrane Oxygenation in Patients With Cardiogenic Shock. <i>Circulation Journal</i> , 2020, 84, 2205-2211.	1.6	6
79	Severity-Adjusted Dexamethasone Dosing and Tocilizumab Combination for Severe COVID-19. <i>Yonsei Medical Journal</i> , 2022, 63, 430.	2.2	6
80	Solitary Bronchial Squamous Papilloma Presenting as a Plaque-like Lesion in a Subject with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 555-556.	5.6	5
81	Predictors of Response to Corticosteroid Treatment in Patients with Early Acute Respiratory Distress Syndrome: Results of a Pilot Study. <i>Yonsei Medical Journal</i> , 2015, 56, 287.	2.2	5
82	Ischemic Stroke in Critically Ill Patients with Malignancy. <i>PLoS ONE</i> , 2016, 11, e0146836.	2.5	5
83	Prognostic Value of Admission Blood Glucose Level in Critically Ill Patients Admitted to Cardiac Intensive Care Unit according to the Presence or Absence of Diabetes Mellitus. <i>Journal of Korean Medical Science</i> , 2019, 34, e70.	2.5	5
84	Community versus hospital-acquired pneumonia in patients requiring extracorporeal membrane oxygenation. <i>Therapeutic Advances in Respiratory Disease</i> , 2019, 13, 175346661882103.	2.6	5
85	The Impact of Hypoxic Hepatitis on Clinical Outcomes after Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Clinical Medicine</i> , 2020, 9, 2994.	2.4	5
86	Association between the presence of delirium during intensive care unit admission and cognitive impairment or psychiatric problems: the Korean ICU National Data Study. <i>Journal of Intensive Care</i> , 2022, 10, 7.	2.9	5
87	Whole-Body Magnetic Resonance Imaging for Staging Metastatic Thymic Carcinoma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1573-1574.	5.6	4
88	A 38-Year-Old Woman With Bilateral Cystic Lesions in Both Lower Lung Lobes. <i>Chest</i> , 2011, 140, 544-548.	0.8	4
89	Duration of sweep gas off trial for weaning from venovenous extracorporeal membrane oxygenation. <i>Therapeutic Advances in Respiratory Disease</i> , 2019, 13, 175346661988813.	2.6	4
90	Prognostic Value of Early Intermittent Electroencephalography in Patients after Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1745.	2.4	4

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91	A Scoring Model with Simple Clinical Parameters to Predict Successful Discontinuation of Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2021, 50, 779-789.	1.8	4
92	Bedside Ultrasound-Guided Peripherally Inserted Central Catheter Placement by Critical Care Fellows in Critically Ill Patients: A Feasibility and Safety Study. <i>Journal of Acute Care Surgery</i> , 2021, 11, 30-35.	0.1	4
93	Inter-Hospital Transportation of Patients on Extracorporeal Life Support: A Single Center Experience. <i>The Korean Journal of Critical Care Medicine</i> , 2014, 29, 83.	0.2	3
94	Purpura fulminans on the nose with septic abortion. <i>Intensive Care Medicine</i> , 2015, 41, 1122-1122.	8.2	3
95	Extended Use of Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: A Retrospective Multicenter Study. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 251.	1.8	3
96	Prognosis After Weaning from Respiratory Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2020, 66, 986-991.	1.6	3
97	Health disparities of critically ill children according to poverty: the Korean population-based retrospective cohort study. <i>BMC Public Health</i> , 2021, 21, 1274.	2.9	3
98	Clinical Effectiveness and Nephrotoxicity of Aerosolized Colistin Treatment in Multidrug-Resistant Gram-Negative Pneumonia. <i>Korean Journal of Critical Care Medicine</i> , 2016, 31, 208-220.	0.1	3
99	Relationship between Use of Rehabilitation Resources and ICU Readmission and ER Visits in ICU Survivors: the Korean ICU National Data Study 2008-2015. <i>Journal of Korean Medical Science</i> , 2020, 35, e101.	2.5	3
100	Late Endobronchial Metastasis from Rectal Cancer that Mimics a Primary Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 142-143.	5.6	2
101	Differential prognosis of vasospastic angina according to presentation with sudden cardiac arrest or not: Analysis of the Korean Health Insurance Review and Assessment Service. <i>International Journal of Cardiology</i> , 2018, 273, 39-43.	1.7	2
102	Outcomes of transported and in-house patients on extracorporeal life support: a propensity score-matching study. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 317-324.	1.4	2
103	Improved survival rates in patients with H1N1 acute respiratory failure in Korea between 2009 and 2016. <i>PLoS ONE</i> , 2019, 14, e0223323.	2.5	2
104	Association Between Body Mass Index and Mortality in Patients Requiring Cardiac Critical Care. <i>Circulation Journal</i> , 2019, 83, 743-748.	1.6	2
105	Clinical outcomes according to cannula configurations in patients with acute respiratory distress syndrome under veno-venous extracorporeal membrane oxygenation: a Korean multicenter study. <i>Annals of Intensive Care</i> , 2020, 10, 86.	4.6	2
106	Early-Stage Lung Cancer Mimicking Pulmonary Arteriovenous Malformation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1572-1573.	5.6	1
107	518. <i>Critical Care Medicine</i> , 2013, 41, A126.	0.9	1
108	205. <i>Critical Care Medicine</i> , 2015, 43, 52-53.	0.9	1

#	ARTICLE	IF	CITATIONS
109	Reliability and validity of the Korean version of the Functional Status Score for the ICU after translation and cross-cultural adaptation. Disability and Rehabilitation, 2021, , 1-7.	1.8	1
110	Acute lung injury following occupational exposure to nitric acid. Acute and Critical Care, 2021, 36, 395-396.	1.4	1
111	Rehabilitation in critically ill children: Findings from the Korean National Health Insurance database. PLoS ONE, 2022, 17, e0266360.	2.5	1
112	950. Critical Care Medicine, 2014, 42, A1589.	0.9	0
113	245. Critical Care Medicine, 2014, 42, A1419-A1420.	0.9	0
114	1016. Critical Care Medicine, 2015, 43, 255-256.	0.9	0
115	504. Critical Care Medicine, 2015, 43, 127-128.	0.9	0
116	Simple functional assessment at hospital discharge can predict long-term outcomes of ICU survivors. PLoS ONE, 2019, 14, e0214602.	2.5	0
117	Severe pain-related adverse events of percutaneous dilatational tracheostomy performed by a neurointensivist compared with conventional surgical tracheostomy in neurocritically ill patients. BMC Neurology, 2020, 20, 223.	1.8	0
118	Resuscitation Fluid Use in a Single Surgical Intensive Care Unit. Journal of Acute Care Surgery, 2020, 10, 18-24.	0.1	0