Yang Hyun Cho

List of Publications by Year in descending order

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118 papers 1,782 citations

304743 22 h-index 35 g-index

123 all docs

123
docs citations

times ranked

123

2526 citing authors

#	Article	IF	CITATIONS
1	Extracorporeal membrane oxygenation for refractory septic shock in adults. European Journal of Cardio-thoracic Surgery, 2015, 47, e68-e74.	1.4	87
2	Predictors of neurological outcomes after successful extracorporeal cardiopulmonary resuscitation. BMC Anesthesiology, 2015, 15, 26.	1.8	87
3	Developing a risk prediction model for survival to discharge in cardiac arrest patients who undergo extracorporeal membrane oxygenation. International Journal of Cardiology, 2014, 177, 1031-1035.	1.7	76
4	Residual and recurrent gradients after septal myectomy for hypertrophic cardiomyopathyâ€"mechanisms of obstruction and outcomes of reoperation. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 909-916.	0.8	71
5	Off-Pump Coronary Artery Bypass Reduces Early Stroke in Octogenarians: A Meta-Analysis of 18,000 Patients. Annals of Thoracic Surgery, 2015, 99, 1568-1575.	1.3	57
6	Levosimendan Reduces Mortality in Adults with Left Ventricular Dysfunction Undergoing Cardiac Surgery: A Systematic Review and Meta-analysis. Journal of Cardiac Surgery, 2015, 30, 547-554.	0.7	54
7	Clinical outcomes after rescue extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest. Emergency Medicine Journal, 2017, 34, 107-111.	1.0	49
8	A nationwide analysis of intensive care unit admissions, 2009–2014 – The Korean ICU National Data (KIND) study. Journal of Critical Care, 2018, 44, 24-30.	2.2	47
9	Impact of Cannula Size on Clinical Outcomes in Peripheral Venoarterial Extracorporeal Membrane Oxygenation. ASAIO Journal, 2019, 65, 573-579.	1.6	41
10	The effect of multidisciplinary extracorporeal membrane oxygenation team on clinical outcomes in patients with severe acute respiratory failure. Annals of Intensive Care, 2018, 8, 31.	4.6	38
11	Trough Concentrations of Vancomycin in Patients Undergoing Extracorporeal Membrane Oxygenation. PLoS ONE, 2015, 10, e0141016.	2.5	37
12	Management of acute massive pulmonary embolism: Is surgical embolectomy inferior to thrombolysis?. International Journal of Cardiology, 2016, 203, 579-583.	1.7	36
13	The association of findings on brain computed tomography with neurologic outcomes following extracorporeal cardiopulmonary resuscitation. Critical Care, 2017, 21, 15.	5.8	36
14	Neurologic Outcomes in Patients Who Undergo Extracorporeal Cardiopulmonary Resuscitation. Annals of Thoracic Surgery, 2019, 108, 749-755.	1.3	36
15	Echocardiographic Predictors of Successful Extracorporeal Membrane Oxygenation Weaning After Refractory Cardiogenic Shock. Journal of the American Society of Echocardiography, 2021, 34, 414-422.e4.	2.8	36
16	Impact of a cardiac intensivist on mortality in patients with cardiogenic shock. International Journal of Cardiology, 2017, 244, 220-225.	1.7	34
17	Association of body mass index with clinical outcomes for in-hospital cardiac arrest adult patients following extracorporeal cardiopulmonary resuscitation. PLoS ONE, 2017, 12, e0176143.	2.5	34
18	Vasoactive Inotropic Score as a Predictor of Mortality in Adult Patients With Cardiogenic Shock: Medical Therapy Versus ECMO. Revista Espanola De Cardiologia (English Ed), 2019, 72, 40-47.	0.6	32

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19	Optimal Timing of Venoarterial-Extracorporeal Membrane Oxygenation in Acute Myocardial Infarction Patients Suffering From Refractory Cardiogenic Shock. Circulation Journal, 2020, 84, 1502-1510.	1.6	32
20	Left heart decompression at venoarterial extracorporeal membrane oxygenation initiation in cardiogenic shock: prophylactic versus therapeutic strategy. Journal of Thoracic Disease, 2019, 11, 3746-3756.	1.4	30
21	Are two really always better than one? Results, concerns and controversies in the use of bilateral internal thoracic arteries for coronary artery bypass grafting in the elderly: A systematic review and meta-analysis. International Journal of Surgery, 2015, 16, 163-170.	2.7	28
22	Clinical Pearls of Venoarterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock. Korean Circulation Journal, 2019, 49, 657.	1.9	28
23	The differential neurologic prognosis of low-flow time according to the initial rhythm in patients who undergo extracorporeal cardiopulmonary resuscitation. Resuscitation, 2020, 148, 121-127.	3.0	25
24	Augmentation of the Lesser Curvature With an Autologous Vascular Patch in Complex Aortic Coarctation and Interruption. Annals of Thoracic Surgery, 2016, 101, 2309-2314.	1.3	24
25	Clinical Outcomes of Root Reimplantation and Bentall Procedure: Propensity Score Matching Analysis. Annals of Thoracic Surgery, 2018, 106, 539-547.	1.3	23
26	Fluoroscopy-guided simultaneous distal perfusion as a preventive strategy of limb ischemia in patients undergoing extracorporeal membrane oxygenation. Annals of Intensive Care, 2018, 8, 101.	4.6	23
27	Flexible and Stable Omniphobic Surfaces Based on Biomimetic Repulsive Air-Spring Structures. ACS Applied Materials & Samp; Interfaces, 2019, 11, 5877-5884.	8.0	23
28	Role of extracorporeal cardiopulmonary resuscitation in adults. Acute and Critical Care, 2020, 35, 1-9.	1.4	23
29	Management of Cardiac Arrest Caused by Acute Massive Pulmonary Thromboembolism. ASAIO Journal, 2014, 60, 280-283.	1.6	22
30	Target Temperature Management May Not Improve Clinical Outcomes of Extracorporeal Cardiopulmonary Resuscitation. Journal of Intensive Care Medicine, 2019, 34, 790-796.	2.8	22
31	Malperfusion Syndrome Without Organ Failure IsÂNot a Risk Factor for Surgical Procedures for TypeÂA Aortic Dissection. Annals of Thoracic Surgery, 2014, 98, 59-64.	1.3	21
32	Extracorporeal membrane oxygenation support for refractory septic shock in liver transplantation recipients. Annals of Surgical Treatment and Research, 2017, 93, 152.	1.0	21
33	Extracorporeal Life Support as a Bridge to Heart Transplantation. ASAIO Journal, 2015, 61, 139-143.	1.6	20
34	Prognostic Implication of RV Coupling to Pulmonary Circulation for Successful Weaning From Extracorporeal Membrane Oxygenation. JACC: Cardiovascular Imaging, 2021, 14, 1523-1531.	5.3	20
35	Surgical Strategy in Patients with Atrial Septal Defect and Severe Pulmonary Hypertension. Heart Surgery Forum, 2012, 15, 111.	0.5	20
36	Extracorporeal membrane oxygenation in Korea – Trends and impact of hospital volume on outcome: Analysis of national insurance data 2009–2014. Journal of Critical Care, 2019, 49, 1-6.	2.2	18

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37	Blood Stream Infection in Patients on Venovenous Extracorporeal Membrane Oxygenation for Respiratory Failure. Infection Control and Hospital Epidemiology, 2018, 39, 871-874.	1.8	16
38	Coronary Microcirculatory Dysfunction and Acute Cellular Rejection After Heart Transplantation. Circulation, 2021, 144, 1459-1472.	1.6	16
39	Surgery for Partial Anomalous Pulmonary Venous Connections: Modification of the Warden Procedure with a Right Atrial Appendage Flap. Korean Journal of Thoracic and Cardiovascular Surgery, 2014, 47, 94-99.	0.6	16
40	Use of argatroban for extracorporeal life support in patients with nonheparin-induced thrombocytopenia. Medicine (United States), 2018, 97, e13235.	1.0	15
41	Multidisciplinary team approach in acute myocardial infarction patients undergoing veno-arterial extracorporeal membrane oxygenation. Annals of Intensive Care, 2020, 10, 83.	4.6	15
42	Prognostic value of computed tomography score in patients after extracorporeal cardiopulmonary resuscitation. Critical Care, 2018, 22, 323.	5 . 8	14
43	Age-Specific Distribution of Diagnosis and Outcomes of Children Admitted to ICUs: A Population-Based Cohort Study*. Pediatric Critical Care Medicine, 2019, 20, e301-e310.	0.5	14
44	Coronary Artery Bypass Grafting After Percutaneous Intervention Has Higher Early Mortality: A Meta-Analysis. Annals of Thoracic Surgery, 2015, 99, 2046-2052.	1.3	13
45	The Use of Extracorporeal Circulation in Suspected Brain Dead Organ Donors with Cardiopulmonary Collapse. Journal of Korean Medical Science, 2015, 30, 1911.	2.5	12
46	Clinical Pearls in Venovenous Extracorporeal Life Support for Adult Respiratory Failure. ASAIO Journal, 2018, 64, 1-9.	1.6	12
47	Association between Body Temperature Patterns and Neurological Outcomes after Extracorporeal Cardiopulmonary Resuscitation. PLoS ONE, 2017, 12, e0170711.	2.5	12
48	Incidence and Mortality Rates of Thoracic Aortic Dissection in Korea – Inferred from the Nationwide Health Insurance Claims. Journal of Korean Medical Science, 2020, 35, e360.	2.5	12
49	Serial Changes of Hemodynamic Performance With Medtronic Hall Valve in Aortic Position. Annals of Thoracic Surgery, 2011, 91, 424-431.	1.3	11
50	The Outcome of Extracorporeal Life Support After General Thoracic Surgery: Timing of Application. Annals of Thoracic Surgery, 2017, 104, 450-457.	1.3	11
51	Nosocomial infections in in-hospital cardiac arrest patients who undergo extracorporeal cardiopulmonary resuscitation. PLoS ONE, 2020, 15, e0243838.	2.5	11
52	Mechanical Circulatory Support for Acute Heart Failure Complicated by Cardiogenic Shock. International Journal of Heart Failure, 2020, 2, 23.	2.7	11
53	Statin Therapy Improves Long-term Survival in Non-ischaemic Cardiomyopathy: A Pooled Analysis of 4500 Patients. Heart Lung and Circulation, 2014, 23, 985-987.	0.4	10
54	Comparison of long-term clinical outcomes between revascularization versus medical treatment in patients with silent myocardial ischemia. International Journal of Cardiology, 2019, 277, 47-53.	1.7	9

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55	Abscess Transformation of Intracardiac Hematoma and Ventricular Rupture after Double-Patch Repair of Postinfarction Ventricular Septal Defect. Journal of Cardiac Surgery, 2010, 25, 676-679.	0.7	8
56	Clinical outcomes of valve-sparing root replacement in acute type A aortic dissection. Scandinavian Cardiovascular Journal, 2015, 49, 331-336.	1.2	8
57	Risk Prediction Model of In-hospital Mortality in Patients With Myocardial Infarction Treated With Venoarterial Extracorporeal Membrane Oxygenation. Revista Espanola De Cardiologia (English Ed), 2019, 72, 724-731.	0.6	8
58	Heart failure awareness in the Korean general population: Results from the nationwide survey. PLoS ONE, 2019, 14, e0222264.	2.5	8
59	Spinal Cord Infarction in a Patient Undergoing Veno-arterial Extracorporeal Membrane Oxygenation. Acute and Critical Care, 2018, 33, 187-190.	1.4	8
60	Using additional pressure control lines when connecting a continuous renal replacement therapy device to an extracorporeal membrane oxygenation circuit. BMC Nephrology, 2018, 19, 369.	1.8	7
61	Durable mechanical circulatory support across the Asia-Pacific region. Journal of Heart and Lung Transplantation, 2020, 39, 1195-1198.	0.6	7
62	Association between a Multidisciplinary Team Approach and Clinical Outcomes in Patients Undergoing Extracorporeal Cardiopulmonary Resuscitation in the Emergency Department. Korean Circulation Journal, 2021, 51, 908.	1.9	7
63	Clinical Outcome of Extraanatomic Bypass for Midaortic Syndrome Caused by Takayasu Arteritis. Annals of Thoracic Surgery, 2020, 109, 1419-1425.	1.3	6
64	Differential effects of dual antiplatelet therapy in patients presented with acute coronary syndrome vs. stable ischaemic heart disease after coronary artery bypass grafting. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, 517-526.	3.0	6
65	Impact of preoperative renal replacement therapy on the clinical outcome of heart transplant patients. Scientific Reports, 2021, 11, 13398.	3.3	6
66	Use of extracorporeal membrane oxygenation in postpartum patients with refractory shock or respiratory failure. Scientific Reports, 2021 , 11 , 887 .	3.3	6
67	Surgical Outcomes of a Modified Infarct Exclusion Technique for Post-Infarction Ventricular Septal Defects. Korean Journal of Thoracic and Cardiovascular Surgery, 2015, 48, 381-386.	0.6	6
68	Mechanical versus Tissue Aortic Prosthesis in Sexagenarians: Comparison of Hemodynamic and Clinical Outcomes. Korean Journal of Thoracic and Cardiovascular Surgery, 2018, 51, 100-108.	0.6	6
69	Predictors of Survival to Discharge After Successful Weaning From Venoarterial Extracorporeal Membrane Oxygenation in Patients With Cardiogenic Shock. Circulation Journal, 2020, 84, 2205-2211.	1.6	6
70	Optimal Mean Arterial Pressure for Favorable Neurological Outcomes in Survivors after Extracorporeal Cardiopulmonary Resuscitation. Journal of Clinical Medicine, 2022, 11, 290.	2.4	6
71	Outcomes of extracorporeal life support in out-of-hospital cardiac arrest (OHCA): Patient selection is crucial. Resuscitation, 2016, 106, e13.	3.0	5
72	Clinical Outcomes after Anatomic Repair Including Hemi-Mustard Operation in Patients with Congenitally Corrected Transposition of the Great Arteries. Korean Circulation Journal, 2017, 47, 201.	1.9	5

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73	Community <i>versus </i> hospital-acquired pneumonia in patients requiring extracorporeal membrane oxygenation. Therapeutic Advances in Respiratory Disease, 2019, 13, 175346661882103.	2.6	5
74	The Impact of Hypoxic Hepatitis on Clinical Outcomes after Extracorporeal Cardiopulmonary Resuscitation. Journal of Clinical Medicine, 2020, 9, 2994.	2.4	5
75	Outcomes of extracorporeal membrane oxygenation in adults with active hematologic and nonhematologic malignancy. Artificial Organs, 2021, 45, E236-E246.	1.9	5
76	Extracorporeal Membrane Oxygenation for Fulminant Myocarditis: Increase of Cardiac Enzyme and SOFA Score Is Associated with High Mortality. Journal of Clinical Medicine, 2021, 10, 1526.	2.4	5
77	Clinical outcomes of inpatient cardiac rehabilitation for patients with treated left ventricular assist device in Korea: 1-year follow-up. Journal of Exercise Rehabilitation, 2019, 15, 481-487.	1.0	5
78	Inter-Facility Transport on Extracorporeal Life Support: Clinical Outcomes and Comparative Analysis with In-house Patients. Korean Journal of Thoracic and Cardiovascular Surgery, 2017, 50, 363-370.	0.6	5
79	Outcomes of Extracorporeal Membrane Oxygenation in Children: An 11-Year Single-Center Experience in Korea. Korean Journal of Thoracic and Cardiovascular Surgery, 2017, 50, 317-325.	0.6	5
80	Clinical outcome in patients with end-stage heart failure who underwent continuous-flow left ventricular assist devices in a single center. Korean Journal of Internal Medicine, 2022, 37, 340-349.	1.7	5
81	Late clinical outcomes of aortic valve replacement with Carpentier-Edwards pericardial valves. Journal of Thoracic Disease, 2019, 11, 5372-5381.	1.4	4
82	Duration of sweep gas off trial for weaning from venovenous extracorporeal membrane oxygenation. Therapeutic Advances in Respiratory Disease, 2019, 13, 175346661988813.	2.6	4
83	Prognostic Value of Early Intermittent Electroencephalography in Patients after Extracorporeal Cardiopulmonary Resuscitation. Journal of Clinical Medicine, 2020, 9, 1745.	2.4	4
84	Study design and rationale of the pAtients pResenTing with cOngenital heaRt dIseAse Register (ARTORIAâ€R). ESC Heart Failure, 2021, 8, 5542-5550.	3.1	4
85	Use of durable left ventricular assist devices for high-risk patients: Korean experience before insurance coverage. Journal of Thoracic Disease, 2020, 12, 7236-7244.	1.4	4
86	Factors Associated with Low Awareness of Heart Failure in the General Population of Korea. Korean Circulation Journal, 2020, 50, 586.	1.9	4
87	Clinical Outcomes of Early Extubation Strategy in Patients Undergoing Extracorporeal Membrane Oxygenation as a Bridge to Heart Transplantation. Journal of Korean Medical Science, 2020, 35, e346.	2.5	4
88	Favorable Impact of a Multidisciplinary Team Approach on Heart Transplantation Outcomes in a Mid-Volume Center. Journal of Clinical Medicine, 2022, 11, 2296.	2.4	4
89	Surgical embolectomy as a first line treatment for acute massive pulmonary embolism. International Journal of Cardiology, 2016, 222, 785.	1.7	3
90	Favorable Outcomes of Open Surgical Repair for Blunt Aortic Injury in the Era of Endovascular Repair. Thoracic and Cardiovascular Surgeon, 2017, 65, 105-111.	1.0	3

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91	Outcomes of Coronary Artery Bypass Grafting after Extracorporeal Life Support in Patients with Cardiac Arrest or Cardiogenic Shock. Korean Journal of Thoracic and Cardiovascular Surgery, 2019, 52, 70-77.	0.6	3
92	Impact of a Multidisciplinary Team Approach on Extracorporeal Circulatory Life Support-Bridged Heart Transplantation. Journal of Chest Surgery, 2021, 54, 99-105.	0.5	3
93	Impact of age on the outcomes of extracorporeal cardiopulmonary resuscitation: analysis using inverse probability of treatment weighting. European Journal of Cardio-thoracic Surgery, 2021, 60, 1318-1324.	1.4	3
94	An Alternative Surgical Technique for Repair of Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery. Korean Journal of Thoracic and Cardiovascular Surgery, 2014, 47, 220-224.	0.6	3
95	Temporary Right Ventricular Assist Device Insertion via Left Thoracotomy after Left Ventricular Assist Device Implantation. Korean Journal of Thoracic and Cardiovascular Surgery, 2019, 52, 105-108.	0.6	3
96	Successful Lung Transplantation After 213 Days of Extracorporeal Life Support: Role of Oxygenator-Right Ventricular Assist Device. ASAIO Journal, 2021, 67, e127-e130.	1.6	3
97	Impact of Individual Income Level on Late Mortality After Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2022, , .	1.3	3
98	Intraaortic Balloon Pulsation in Peripheral Venoarterial Extracorporeal Membrane Oxygenation. Critical Care Medicine, 2016, 44, e1251.	0.9	2
99	Replacement of calcified ascending aorta in patients undergoing aortic valve replacement. Journal of Thoracic Disease, 2017, 9, 4424-4433.	1.4	2
100	Outcomes of transported and in-house patients on extracorporeal life support: a propensity score-matching study. European Journal of Cardio-thoracic Surgery, 2020, 57, 317-324.	1.4	2
101	Is left internal thoracic artery to left anterior descending artery grafting a risk factor for graft failure?. European Journal of Cardio-thoracic Surgery, 2021, 59, 512-512.	1.4	2
102	Clinical Factors Associated with Renal Outcome After Heart Transplantation. International Heart Journal, 2021, 62, 850-857.	1.0	2
103	Long-term extracorporeal membrane oxygenation after severe blunt traumatic lung injury in a child. Acute and Critical Care, 2019, 34, 223-227.	1.4	2
104	Refractory Ventricular Arrhythmia Induced by Aconite Intoxication and Its Treatment with Extracorporeal Cardiopulmonary Resuscitation. Korean Journal of Critical Care Medicine, 2017, 32, 228-230.	0.1	2
105	Comparison of Off-Pump Coronary Artery Bypass between Octogenarians and Septuagenarians: A Propensity Score Analysis. Korean Journal of Thoracic and Cardiovascular Surgery, 2019, 52, 155-161.	0.6	2
106	Adapter-based Safety Injection System for Prevention of Wrong Route and Wrong Patient Medication Errors. Journal of Korean Medical Science, 2017, 32, 1938.	2.5	1
107	Use of Extracorporeal Life Support for Heart Transplantation: Key Factors to Improve Outcome. Journal of Clinical Medicine, 2021, 10, 2542.	2.4	1
108	Transfromation of Percutaneous Extracorporeal Life Support to Paracorporeal Ventricular Assist Device: A Case Report. Korean Journal of Thoracic and Cardiovascular Surgery, 2014, 47, 409-412.	0.6	1

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109	Non-Surgical Resolution of Inflow Cannula Obstruction of a Left Ventricular Assist Device: A Case Report. Journal of Chest Surgery, 2021, 54, 543-546.	0.5	1
110	A simple modification for a longer and larger internal thoracic artery as a composite Y-graft. Scandinavian Cardiovascular Journal, 2013, 47, 314-318.	1.2	0
111	Improving the Outcome of Extracorporeal Cardiopulmonary Resuscitation: A View From the Program Director. Annals of Thoracic Surgery, 2016, 101, 2028.	1.3	0
112	Mechanical Surface Area of Prosthetic Heart Valve: Adverse Clinical Impact of Large Mechanical Valve in Mitral Position. ASAIO Journal, 2018, 64, 779-784.	1.6	0
113	SP239RENAL OUTCOME AFTER HEART TRANSPLANTATION. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
114	Letter to the editor: left heart decompression in patients on venoarterial extracorporeal membrane oxygenation. Journal of Thoracic Disease, 2020, 12, 7081-7082.	1.4	0
115	Implementation of Venoarterial Extracorporeal Membrane Oxygenation in Nonintubated Patients. Journal of Chest Surgery, 2021, 54, 17-24.	0.5	0
116	What is the optimal therapeutic protocol for using a durable left ventricular assist device in the near future of a developing country?. Journal of Thoracic Disease, 2021, 13, 2567-2568.	1.4	0
117	Resuscitation Fluid Use in a Single Surgical Intensive Care Unit. Journal of Acute Care Surgery, 2020, 10, 18-24.	0.1	0
118	Left Ventricular Assist Device Implantation via Dual Left Thoracotomy in an Adult Patient with Congenitally Corrected Transposition of the Great Arteries. Korean Journal of Thoracic and Cardiovascular Surgery, 2020, 53, 306-309.	0.6	0