

# Hong-Ju Shin

## List of Publications by Year in descending order

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52  
papers

655  
citations

759233

12  
h-index

580821

25  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1100  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Self-Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. <i>Advanced Functional Materials</i> , 2017, 27, 1700341.	14.9	160
2	Comprehensive biocompatibility of nontoxic and high-output flexible energy harvester using lead-free piezoceramic thin film. <i>APL Materials</i> , 2017, 5, .	5.1	121
3	Mechanical valves in the pulmonary position: An international retrospective analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1371-1378.e1.	0.8	39
4	Repair of Atrial Septal Defect With Eisenmenger Syndrome After Long-Term Sildenafil Therapy. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1629-1630.	1.3	33
5	Outcomes of Mechanical Valves in the Pulmonic Position in Patients With Congenital Heart Disease Over a 20-Year Period. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1367-1371.	1.3	33
6	Impact of Delayed Sternal Closure on Postoperative Infection or Wound Dehiscence in Patients With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2011, 92, 705-709.	1.3	23
7	Factors associated with progression of right ventricular enlargement and dysfunction after repair of tetralogy of Fallot based on serial cardiac magnetic resonance imaging. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 464-469.	1.4	21
8	Characteristics of aortic valve dysfunction and ascending aorta dimensions according to bicuspid aortic valve morphology. <i>European Radiology</i> , 2015, 25, 2103-2114.	4.5	20
9	Low pulmonary vascular compliance predisposes post-Fontan patients to protein-losing enteropathy. <i>International Journal of Cardiology</i> , 2013, 165, 454-457.	1.7	16
10	Psychological Problems of Pneumothorax According to Resilience, Stress, and Post-Traumatic Stress. <i>Psychiatry Investigation</i> , 2017, 14, 795.	1.6	15
11	Extracorporeal life support can be a first-line treatment in children with acute fulminant myocarditis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 247-252.	1.1	14
12	Outcomes of Fontan conversion for failing Fontan circulation: mid-term results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 14-17.	1.1	13
13	Analysis of Recurrent Mitral Regurgitation after Mitral Valve Repair. <i>Asian Cardiovascular and Thoracic Annals</i> , 2005, 13, 261-266.	0.5	12
14	Long Term Results of Right Ventricular Outflow Tract Reconstruction with Homografts. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 44, 108-114.	0.6	12
15	Left Atrial Decompression by Percutaneous Left Atrial Venting Cannula Insertion during Venoarterial Extracorporeal Membrane Oxygenation Support. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 203-206.	0.6	12
16	Recent Surgical Outcomes of Congenital Heart Disease according to Korea Heart Foundation Data. <i>Korean Circulation Journal</i> , 2020, 50, 677.	1.9	11
17	How small is enough for the left heart decompression cannula during extracorporeal membrane oxygenation?. <i>Acute and Critical Care</i> , 2019, 34, 263-268.	1.4	9
18	Results of Extracorporeal Cardiopulmonary Resuscitation in Children. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 151-156.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Current Status of Pediatric Critical Care in Korea: Results of 2015 National Survey. <i>Journal of Korean Medical Science</i> , 2018, 33, e308.	2.5	8
20	Unintended Pulmonary Artery Ligation during PDA Ligation. <i>Heart Surgery Forum</i> , 2016, 19, 187.	0.5	7
21	Modified simple sliding aortoplasty for preserving the sinotubular junction without using foreign material for congenital supra-aortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 598-602.	1.4	6
22	The angiotensin II type 1 receptor blocker losartan attenuates bioprosthetic valve leaflet calcification in a rabbit intravascular implant model. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 1045-1052.	1.4	6
23	Neo-Ostium Creation for Anomalous Aortic Origin of the Coronary Artery. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1830-1832.	1.3	5
24	Effect of Pulmonary Valve Replacement in the Repaired Tetralogy of Fallot Patients with Trans-annular Incision: More than 20 Years of Follow-up. <i>Korean Circulation Journal</i> , 2021, 51, 360.	1.9	5
25	Pulmonary Valve Cusp Augmentation for Pulmonary Regurgitation After Repair of Valvular Pulmonary Stenosis. <i>Annals of Thoracic Surgery</i> , 2015, 99, e57-e58.	1.3	4
26	Novel Pulmonary Artery Reduction Plasty for Pulmonary Artery Aneurysm With Pulmonary Arterial Hypertension. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2016, 7, 96-99.	0.8	4
27	The Risk Prediction of Coronary Artery Lesions through the Novel Hematological Z-Values in 4 Chronological Age Subgroups of Kawasaki Disease. <i>Medicina (Lithuania)</i> , 2020, 56, 466.	2.0	4
28	Early enteral nutrition and factors related to in-hospital mortality in people on extracorporeal membrane oxygenation. <i>Nutrition</i> , 2021, 89, 111222.	2.4	4
29	Pericardial Versus Porcine Valves for Surgical Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2022, 52, 136.	1.9	4
30	Degenerative Calcification of Pericardial Bioprostheses: Comparison of Five Implantation Methods in a Rabbit Model. <i>Journal of Heart Valve Disease</i> , 2015, 24, 621-8.	0.5	4
31	Entelon (vitis vinifera seed extract) reduces degenerative changes in bovine pericardium valve leaflet in a dog intravascular implant model. <i>PLoS ONE</i> , 2021, 16, e0235454.	2.5	3
32	Intracardiac Thrombosis Involving All Four Cardiac Chambers after Extracardiac Membranous Oxygenation Associated with <i>MTHFR</i> Mutations. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 207-209.	0.6	3
33	Satisfactory outcome with low activated clotting time in extracorporeal membrane oxygenation. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 1589.	1.4	3
34	Heart Transplantation in Pediatric Patients: Twelve-Year Experience of the Asan Medical Center. <i>Journal of Korean Medical Science</i> , 2011, 26, 593.	2.5	2
35	The importance of preoperative oxygen saturation as a predictor of pulmonary arterial hypertension after surgery of atrial septal defects. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 424-430.	1.1	2
36	Central-Approach Surgical Repair of Coarctation of the Aorta with a Back-up Left Ventricular Assist Device for an Infant Presenting with Severe Left Ventricular Dysfunction. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 48, 407-410.	0.6	2

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37	Early Triage of COVID-19 patients exploiting Data-Driven Strategies and Machine Learning Techniques. , 2022, , .		2
38	QTc Prolongation after Ventricular Septal Defect Repair in Infants. Korean Circulation Journal, 2013, 43, 825.	1.9	1
39	Cytomegalovirus Myocarditis Required Extracorporeal Membrane Oxygenation Support Followed by Ganciclovir Treatment in Infant. Korean Journal of Thoracic and Cardiovascular Surgery, 2016, 49, 199-202.	0.6	1
40	Aortic Reconstruction Using a Main Pulmonary Artery Flap in an Isolated Aortopulmonary Window. Korean Journal of Thoracic and Cardiovascular Surgery, 2019, 52, 236-238.	0.6	1
41	Midterm results of arch augmentation with autologous vascular patch in interrupted aortic arch. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	1
42	Increasing Demand for Hospitalization in Adults with Congenital Heart Disease. Korean Circulation Journal, 2015, 45, 20.	1.9	0
43	Abnormal fibrous band from the left atrium to the left ventricle causing mitral regurgitation. European Journal of Cardio-thoracic Surgery, 2015, 47, 748-749.	1.4	0
44	Thoracomyoplasty for Chronic Empyema and Osteoradionecrosis of the Chest Wall. Journal of Chest Surgery, 2021, 54, 228-231.	0.5	0
45	Aortic Valve Repair in Young Patients: A Single Patch Design for Leaflet Extension. Pediatric Cardiology, 2022, 43, 164-170.	1.3	0
46	Thoracomyoplasty and perioperative negative wound pressure therapy for bronchopleural fistula after trans-sternal bronchial closure. Acute and Critical Care, 2021, 36, 269-273.	1.4	0
47	Extracorporeal membrane oxygenation treatment in peanut aspiration with complications. Allergy Asthma & Respiratory Disease, 2016, 4, 140.	0.2	0
48	Tricuspid Valve Re-Repair in Ebstein Anomaly Using the Cone Technique. Korean Journal of Thoracic and Cardiovascular Surgery, 2016, 49, 35-38.	0.6	0
49	Concomitant Right Ventricular Outflow Tract Cryoablation during Pulmonary Valve Replacement in a Patient with Tetralogy of Fallot. Korean Journal of Thoracic and Cardiovascular Surgery, 2017, 50, 41-43.	0.6	0
50	Aortic Valveâ€“Sparing Surgical Treatment of Supravalvar Aortic Stenosis in a 65-Year-Old Adult. Korean Journal of Thoracic and Cardiovascular Surgery, 2020, 53, 144-146.	0.6	0
51	Left Hemitruncus Treated Along with Ventricular Septal Defect in a Neonate. Korean Journal of Thoracic and Cardiovascular Surgery, 2020, 53, 414-416.	0.6	0
52	Thoracomyoplasty for Chronic Empyema and Osteoradionecrosis of the Chest Wall. Korean Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.6	0