

# Jae Seung Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

1,508  
citations

361296

20  
h-index

434063

31  
g-index

116  
all docs

116  
docs citations

116  
times ranked

2487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Population-based prevalence of bronchiectasis and associated comorbidities in South Korea. <i>European Respiratory Journal</i> , 2019, 54, 1900194.	3.1	75
2	RNA sequencing identifies novel markers of non-small cell lung cancer. <i>Lung Cancer</i> , 2014, 84, 229-235.	0.9	64
3	Comprehensive Analysis of Transcriptome Sequencing Data in the Lung Tissues of COPD Subjects. <i>International Journal of Genomics</i> , 2015, 2015, 1-9.	0.8	59
4	Risk factors for 1-year relapse of pulmonary tuberculosis treated with a 6-month daily regimen. <i>Respiratory Medicine</i> , 2014, 108, 654-659.	1.3	51
5	The microbiome of the lung and its extracellular vesicles in nonsmokers, healthy smokers and COPD patients. <i>Experimental and Molecular Medicine</i> , 2017, 49, e316-e316.	3.2	50
6	Study Design and Outcomes of Korean Obstructive Lung Disease (KOLD) Cohort Study. <i>Tuberculosis and Respiratory Diseases</i> , 2014, 76, 169.	0.7	49
7	Baseline Characteristics of the Korean Registry of Pulmonary Arterial Hypertension. <i>Journal of Korean Medical Science</i> , 2015, 30, 1429.	1.1	46
8	Serial blood eosinophils and clinical outcome in patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2018, 19, 134.	1.4	43
9	The Prognostic Value of Residual Volume/Total Lung Capacity in Patients with Chronic Obstructive Pulmonary Disease. <i>Journal of Korean Medical Science</i> , 2015, 30, 1459.	1.1	37
10	Exertional Desaturation as a Predictor of Rapid Lung Function Decline in COPD. <i>Respiration</i> , 2013, 86, 109-116.	1.2	35
11	Role of AMP-Activated Protein Kinase (AMPK) in Smoking-Induced Lung Inflammation and Emphysema. <i>Tuberculosis and Respiratory Diseases</i> , 2015, 78, 8.	0.7	35
12	Clinical Characteristics and Treatment Outcomes of Primary Pulmonary Artery Sarcoma in Korea. <i>Journal of Korean Medical Science</i> , 2016, 31, 1755.	1.1	35
13	Epidemiology of Antiphospholipid Syndrome in Korea: a Nationwide Population-based Study. <i>Journal of Korean Medical Science</i> , 2020, 35, e35.	1.1	33
14	Assessment of Regional Xenon Ventilation, Perfusion, and Ventilation-Perfusion Mismatch Using Dual-Energy Computed Tomography in Chronic Obstructive Pulmonary Disease Patients. <i>Investigative Radiology</i> , 2016, 51, 306-315.	3.5	32
15	Pulmonary complications after abdominal surgery in patients with mild-to-moderate chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2016, Volume 11, 2785-2796.	0.9	31
16	Prediction of Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease: Correlation with Quantitative CT Parameters. <i>Korean Journal of Radiology</i> , 2019, 20, 683.	1.5	29
17	Glycoprotein IIb/IIIa Receptor Imaging with <sup>18</sup> F-GP1 PET for Acute Venous Thromboembolism: An Open-Label, Nonrandomized, Phase 1 Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 244-249.	2.8	27
18	Differential expression of microRNAs and their target genes in non-small-cell lung cancer. <i>Molecular Medicine Reports</i> , 2015, 11, 2034-2040.	1.1	23

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19	Epidemiology of chronic thromboembolic pulmonary hypertension in Korea: results from the Korean registry. <i>Korean Journal of Internal Medicine</i> , 2016, 31, 305-312.	0.7	23
20	Characteristics of stable chronic obstructive pulmonary disease patients in the pulmonology clinics of seven Asian cities. <i>International Journal of COPD</i> , 2013, 8, 31.	0.9	22
21	Assessment of regional emphysema, air-trapping and Xenon-ventilation using dual-energy computed tomography in chronic obstructive pulmonary disease patients. <i>European Radiology</i> , 2017, 27, 2818-2827.	2.3	22
22	Prognostic role of <math>FEV_1</math> for survival in bronchiolitis obliterans syndrome after allogeneic hematopoietic stem cell transplantation. <i>Clinical Transplantation</i> , 2015, 29, 1133-1139.	0.8	21
23	Prognostic value of echocardiographic parameters for right ventricular function in patients with acute non-massive pulmonary embolism. <i>Heart and Vessels</i> , 2019, 34, 1187-1195.	0.5	21
24	Quantitative assessment of pulmonary vascular alterations in chronic obstructive lung disease: Associations with pulmonary function test and survival in the KOLD cohort. <i>European Journal of Radiology</i> , 2018, 108, 276-282.	1.2	20
25	Use of extracorporeal membrane oxygenation in patients with acute high-risk pulmonary embolism: a case series with literature review. <i>Acute and Critical Care</i> , 2019, 34, 148-154.	0.6	20
26	Response patterns to bronchodilator and quantitative computed tomography in chronic obstructive pulmonary disease. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 12-18.	0.5	19
27	Improvement in Ventilation-Perfusion Mismatch after Bronchoscopic Lung Volume Reduction: Quantitative Image Analysis. <i>Radiology</i> , 2017, 285, 250-260.	3.6	19
28	KMBARC registry: protocol for a multicentre observational cohort study on non-cystic fibrosis bronchiectasis in Korea. <i>BMJ Open</i> , 2020, 10, e034090.	0.8	19
29	The disease burden of bronchiectasis in comparison with chronic obstructive pulmonary disease: a national database study in Korea. <i>Annals of Translational Medicine</i> , 2019, 7, 770-770.	0.7	19
30	Resolvin D1 prevents smoking-induced emphysema and promotes lung tissue regeneration. <i>International Journal of COPD</i> , 2016, 11, 1119.	0.9	17
31	A Retrospective Study on Efficacy and Safety of Rivaroxaban and Dalteparin for Long-Term Treatment of Venous Thromboembolism in Patients with Lung Cancer. <i>Respiration</i> , 2019, 98, 203-211.	1.2	15
32	Deep radiomics-based survival prediction in patients with chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2021, 11, 15144.	1.6	14
33	Bronchoscopic lung volume reduction by endobronchial valve in advanced emphysema: the first Asian report. <i>International Journal of COPD</i> , 2015, 10, 1501.	0.9	13
34	<p></p>Prediction of first acute exacerbation using COPD subtypes identified by cluster analysis</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 1389-1397.	0.9	13
35	Efficacy and Safety of Udenafil for the Treatment of Pulmonary Arterial Hypertension: a Placebo-controlled, Double-blind, Phase IIb Clinical Trial. <i>Clinical Therapeutics</i> , 2019, 41, 1499-1507.	1.1	13
36	Effects of treatment with long-acting muscarinic antagonists (LAMA) and long-acting beta-agonists (LABA) on lung function improvement in patients with bronchiectasis: an observational study. <i>Journal of Thoracic Disease</i> , 2021, 13, 169-177.	0.6	13

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37	Predictors of Pulmonary Function Response to Treatment with Salmeterol/fluticasone in Patients with Chronic Obstructive Pulmonary Disease. <i>Journal of Korean Medical Science</i> , 2011, 26, 379.	1.1	12
38	Altered miRNA expression in lung tissues of patients with chronic obstructive pulmonary disease. <i>Molecular and Cellular Toxicology</i> , 2017, 13, 207-212.	0.8	12
39	<p>Mixed Phenotype of Emphysema and Airway Wall Thickening Is Associated with Frequent Exacerbation in Chronic Obstructive Pulmonary Disease Patients</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 3035-3042.	0.9	12
40	Validation of the Lower Limit of Normal Diffusing Capacity for Detecting Emphysema. <i>Respiration</i> , 2011, 81, 287-293.	1.2	11
41	Fibrinogen as a potential biomarker for clinical phenotype in patients with chronic obstructive pulmonary disease. <i>Journal of Thoracic Disease</i> , 2018, 10, 5260-5268.	0.6	11
42	Alternative definitions of chronic bronchitis and their correlation with CT parameters. <i>International Journal of COPD</i> , 2018, Volume 13, 1893-1899.	0.9	11
43	Radiomics approach for survival prediction in chronic obstructive pulmonary disease. <i>European Radiology</i> , 2021, 31, 7316-7324.	2.3	11
44	The Impact of Smoking on Airflow Limitation in Subjects with History of Asthma and Inactive Tuberculosis. <i>PLoS ONE</i> , 2015, 10, e0125020.	1.1	11
45	Rivaroxaban versus Low-Molecular-Weight Heparin for Venous Thromboembolism in Gastrointestinal and Pancreatobiliary Cancer. <i>Journal of Korean Medical Science</i> , 2019, 34, e160.	1.1	11
46	Longitudinal Lung Volume Changes in Patients with Chronic Obstructive Pulmonary Disease. <i>Lung</i> , 2013, 191, 405-412.	1.4	10
47	Comparison of the fixed ratio and the Z-score of FEV <sub>1</sub> /FVC in the elderly population: a long-term mortality analysis from the Third National Health and Nutritional Examination Survey. <i>International Journal of COPD</i> , 2018, Volume 13, 903-915.	0.9	10
48	Utility of Computed Tomography in a Differential Diagnosis for the Patients with an Initial Diagnosis of Chronic Obstructive Pulmonary Disease Exacerbation. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 234.	0.7	10
49	&lt;p>&lt;p>Efficacy of Unsupervised Home-Based Pulmonary Rehabilitation for Patients with Chronic Obstructive Pulmonary Disease&lt;/p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2297-2305.	0.9	10
50	Visual and Quantitative Assessments of Regional Xenon-Ventilation Using Dual-Energy CT in Asthma-Chronic Obstructive Pulmonary Disease Overlap Syndrome: A Comparison with Chronic Obstructive Pulmonary Disease. <i>Korean Journal of Radiology</i> , 2020, 21, 1104.	1.5	10
51	Efficacy of Bronchoscopic Lung Volume Reduction by Endobronchial Valves in Patients with Heterogeneous Emphysema: Report on the First Asian Cases. <i>Journal of Korean Medical Science</i> , 2014, 29, 1404.	1.1	9
52	Efficacy and Safety of Roflumilast in Korean Patients with COPD. <i>Yonsei Medical Journal</i> , 2016, 57, 928.	0.9	9
53	Size variation and collapse of emphysema holes at inspiration and expiration CT scan: evaluation with modified length scale method and image co-registration. <i>International Journal of COPD</i> , 2017, Volume 12, 2043-2057.	0.9	9
54	Use of serology and polymerase chain reaction to detect atypical respiratory pathogens during acute exacerbation of chronic obstructive pulmonary disease. <i>Korean Journal of Internal Medicine</i> , 2018, 33, 941-951.	0.7	9

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55	Clinical Characteristics of Patients with Post-Tuberculosis Bronchiectasis: Findings from the KMBARC Registry. <i>Journal of Clinical Medicine</i> , 2021, 10, 4542.	1.0	9
56	Comparison of rivaroxaban and dalteparin for the long-term treatment of venous thromboembolism in patients with gynecologic cancers. <i>Journal of Gynecologic Oncology</i> , 2020, 31, e10.	1.0	9
57	Predicting treatable traits for long-acting bronchodilators in patients with stable COPD. <i>International Journal of COPD</i> , 2017, Volume 12, 3557-3565.	0.9	8
58	&lt;p&gt;Assessment Of Changes In Regional Xenon-Ventilation, Perfusion, And Ventilation-Perfusion Mismatch Using Dual-Energy Computed Tomography After Pharmacological Treatment In Patients With Chronic Obstructive Pulmonary Disease: Visual And Quantitative Analysis&lt;p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 2195-2203.	0.9	8
59	Prediction of Treatment Response in Patients with Chronic Obstructive Pulmonary Disease by Determination of Airway Dimensions with Baseline Computed Tomography. <i>Korean Journal of Radiology</i> , 2019, 20, 304.	1.5	8
60	New Method for Combined Quantitative Assessment of Air-Trapping and Emphysema on Chest Computed Tomography in Chronic Obstructive Pulmonary Disease: Comparison with Parametric Response Mapping. <i>Korean Journal of Radiology</i> , 2021, 22, 1719.	1.5	8
61	Prognostic value of blood biomarkers in patients with unprovoked acute pulmonary embolism. <i>Annals of Thoracic Medicine</i> , 2019, 14, 248.	0.7	8
62	Clinical Utility of Polymerase Chain Reaction for the Differentiation of Nontuberculous Mycobacteria in Patients with Acid-fast Bacilli Smear-positive Specimens. <i>Tuberculosis and Respiratory Diseases</i> , 2005, 58, 452.	0.7	7
63	Long-term outcomes of surgery for chronic thromboembolic pulmonary hypertension compared with medical therapy at a single Korean center. <i>Korean Journal of Internal Medicine</i> , 2017, 32, 855-864.	0.7	7
64	Adult Onset Still's Disease as a Cause of Acute Severe Mitral and Aortic Regurgitation. <i>Korean Journal of Internal Medicine</i> , 2005, 20, 264.	0.7	7
65	Validation of the Korean Version of the Bronchiectasis Health Questionnaire. <i>Tuberculosis and Respiratory Diseases</i> , 2020, 83, 228-233.	0.7	7
66	Clinical Utility of Computed Tomographic Lung Volumes in Patients with Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2014, 87, 196-203.	1.2	6
67	A Pilot Study Comparing 2 Oxygen Delivery Methods for Patients' Comfort and Administration of Oxygen. <i>Respiratory Care</i> , 2014, 59, 1191-1198.	0.8	6
68	The effect of a multidisciplinary team on the implementation rates of major diagnostic and therapeutic procedures of chronic thromboembolic pulmonary hypertension. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019, 48, 28-33.	0.8	6
69	Severe vitamin D deficiency is associated with emphysema progression in male patients with COPD. <i>Respiratory Medicine</i> , 2020, 163, 105890.	1.3	6
70	2020 KSC/KATRD Guideline for the Diagnosis and Treatment of Pulmonary Hypertension: Executive Summary. <i>Tuberculosis and Respiratory Diseases</i> , 2022, 85, 1-10.	0.7	6
71	Predicting long-term mortality with two different criteria of exercise-induced desaturation in COPD. <i>Respiratory Medicine</i> , 2021, 182, 106393.	1.3	6
72	Clinical Utility of Quantitative CT Analysis for Fissure Completeness in Bronchoscopic Lung Volume Reduction: Comparison between CT and Chartis&,ç. <i>Korean Journal of Radiology</i> , 2019, 20, 1216.	1.5	6

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73	Quantitative Vertebral Bone Density Seen on Chest CT in Chronic Obstructive Pulmonary Disease Patients: Association with Mortality in the Korean Obstructive Lung Disease Cohort. <i>Korean Journal of Radiology</i> , 2020, 21, 880.	1.5	6
74	Air Trapping and the Risk of COPD Exacerbation: Analysis From Prospective KOCOSS Cohort. <i>Frontiers in Medicine</i> , 2022, 9, 835069.	1.2	6
75	Improved survival of Korean patients with idiopathic pulmonary arterial hypertension after the introduction of targeted therapies. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2014, 43, 561-568.	0.8	5
76	Percutaneous treatment for pulmonary hypertension caused by pulmonary artery stenosis due to anthracosis. <i>International Journal of Tuberculosis and Lung Disease</i> , 2015, 19, 747-748.	0.6	5
77	Implications of Emphysema and Lung Function for the Development of Pneumonia in Patients with Chronic Obstructive Pulmonary Disease. <i>Tuberculosis and Respiratory Diseases</i> , 2016, 79, 91.	0.7	5
78	Recurrent pulmonary embolism during dabigatran treatment in a patient with immune thrombocytopenic purpura. <i>Thrombosis Research</i> , 2016, 148, 23-24.	0.8	5
79	Survival benefits of warfarin in Korean patients with idiopathic pulmonary arterial hypertension. <i>Korean Journal of Internal Medicine</i> , 2015, 30, 837-845.	0.7	5
80	Restrictive chronic lung function decline after haematopoietic stem cell transplantation. <i>European Respiratory Journal</i> , 2016, 47, 336-339.	3.1	4
81	Feasibility of Endovascular Catheter Biopsy as a Diagnostic Modality for Patients With Pulmonary Artery Sarcoma: Case Series of a Single-Center Experience. <i>Vascular and Endovascular Surgery</i> , 2018, 52, 636-640.	0.3	4
82	Clinical Phenotypes, Comorbidities, and Exacerbations according to Serum 25-OH Vitamin D and Plasma Fibrinogen Levels in Chronic Obstructive Pulmonary Disease. <i>Journal of Korean Medical Science</i> , 2019, 34, e195.	1.1	4
83	Clinical Characteristics of and Risk Factors for Fever after Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration: A Retrospective Study Involving 6336 Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 152.	1.0	4
84	Safety of early orthopedic surgery in patients with intermediate/low- or low-risk pulmonary embolism. <i>Journal of Thoracic Disease</i> , 2020, 12, 232-239.	0.6	4
85	Asymptomatic bronchiectasis and related factors in a South Korean health screening population. <i>ERJ Open Research</i> , 2021, 7, 00188-2021.	1.1	4
86	Bronchial Thermoplasty in Patients with Severe Uncontrolled Asthma: First Korean Cases. <i>Journal of Korean Medical Science</i> , 2019, 34, e120.	1.1	4
87	Clinical Impact of the Bronchiectasis with Chronic Bronchitis Symptoms in COPD: Analysis of a Longitudinal Cohort. <i>International Journal of COPD</i> , 2021, Volume 16, 2997-3008.	0.9	4
88	The Central Venous Catheter-related Infection of Chlorhexidine-silver Sulfadiazine Coated Catheters in Medical ICU. <i>Tuberculosis and Respiratory Diseases</i> , 2005, 59, 389.	0.7	3
89	Phenotyping of chronic obstructive pulmonary disease: heterogeneity and its clinical relevance. <i>Current Respiratory Care Reports</i> , 2012, 1, 189-198.	0.6	3
90	Outcome of Inhaler Withdrawal in Patients Receiving Triple Therapy for COPD. <i>Tuberculosis and Respiratory Diseases</i> , 2016, 79, 22.	0.7	3

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91	Effect of post-filter anticoagulation on mortality in patients with cancer-associated pulmonary embolism. <i>International Journal of Clinical Oncology</i> , 2018, 23, 1007-1013.	1.0	3
92	Clinical Phenotype of a First Unprovoked Acute Pulmonary Embolism Associated with Antiphospholipid Antibody Syndrome. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 53.	0.7	3
93	The effectiveness of vitamin C for patients with severe viral pneumonia in respiratory failure. <i>Journal of Thoracic Disease</i> , 2021, 13, 632-641.	0.6	3
94	Comparison of Predicted Exercise Capacity Equations in Adult Korean Subjects. <i>Journal of Korean Medical Science</i> , 2022, 37, e113.	1.1	3
95	Clinical Characteristics and Survival of Korean Idiopathic Pulmonary Arterial Hypertension Patients Based on Vasoreactivity. <i>Journal of Korean Medical Science</i> , 2014, 29, 1665.	1.1	2
96	Three-month Treatment Response and Exacerbation in Chronic Obstructive Pulmonary Disease. <i>Journal of Korean Medical Science</i> , 2015, 30, 54.	1.1	2
97	Development of a spirometry T-score in the general population. <i>International Journal of COPD</i> , 2016, 11, 369.	0.9	2
98	Practice patterns of retrievable inferior vena cava filters and predictors of filter retrieval in patients with pulmonary embolism. <i>Vascular Medicine</i> , 2017, 22, 512-517.	0.8	2
99	<p>Adherence to roflumilast under dose-escalation strategy in Korean patients with COPD</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 871-879.	0.9	2
100	Dual versus monotherapy with bronchodilators in GOLD group B COPD patients according to baseline FEV1 level: a patient-level pooled analysis of phase-3 randomized clinical trials. <i>Respiratory Research</i> , 2021, 22, 55.	1.4	2
101	Central extracorporeal membrane oxygenation and early rehabilitation for persistent severe pulmonary hypertension following pulmonary endarterectomy. <i>Acute and Critical Care</i> , 2019, 34, 158-164.	0.6	2
102	Developmental endothelial locus-1 as a potential biomarker for the incidence of acute exacerbation in patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2021, 22, 297.	1.4	2
103	Comparative efficacy of inhalers in mild-to-moderate asthma: systematic review and network meta-analysis. <i>Scientific Reports</i> , 2022, 12, 5949.	1.6	2
104	The paradoxical response to short-acting bronchodilator administration in patients with chronic obstructive pulmonary disease. <i>Journal of Thoracic Disease</i> , 2021, 13, 511-520.	0.6	1
105	Clinical impact of mild to moderate pulmonary hypertension in living donor liver transplantation. <i>Transplant International</i> , 2021, 34, 1150-1160.	0.8	1
106	A Study on the Efficacy and Safety of Rivaroxaban in Urologic Cancer-Associated Venous Thromboembolism. <i>The Korean Journal of Urological Oncology</i> , 2019, 17, 178-185.	0.1	1
107	Hyperuricemia Is Not Predictive of Long-Term Outcome in Patients with Stable Chronic Obstructive Pulmonary Disease. <i>Journal of Korean Medical Science</i> , 2020, 35, e58.	1.1	1
108	Analysis of high predicted pulmonary function: possibility of overestimation in small elderly examinees. <i>Korean Journal of Internal Medicine</i> , 2020, 35, 142-149.	0.7	1

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109	Survey of the management of patients with bronchiectasis: a pilot investigation in Asian populations. Korean Journal of Internal Medicine, 2021, 36, 1402-1409.	0.7	1
110	Pharmacological treatment response according to the severity of symptoms in patients with chronic obstructive pulmonary disease. Journal of Thoracic Disease, 2015, 7, 1765-73.	0.6	1
111	Respiratory Review of 2014: Pulmonary Thromboembolism. Tuberculosis and Respiratory Diseases, 2014, 77, 105.	0.7	0
112	The Clinical Course of Asthma After Withdrawal of Inhaled Corticosteroids. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1295-1303.e3.	2.0	0
113	Clinical impact of long-term change in air trapping on pulmonary function and computed tomography parameters in chronic obstructive pulmonary disease. Korean Journal of Internal Medicine, 2021, 36, 636-646.	0.7	0
114	A Case of Disseminated Cryptococcosis Mimicking Lung Cancer and Prostate Cancer in an Immunocompetent Patient: A Review of the Literature. Korean Journal of Medicine, 2015, 89, 91.	0.1	0
115	Underrated value of repeated right heart catheterization in pulmonary hypertension with heart failure-a case of persisted pulmonary arterial hypertension after treatment for biventricular failure. Journal of Thoracic Disease, 2015, 7, E489-92.	0.6	0