

# Yiping Joseph Woo

## List of Publications by Year in descending order

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207  
papers

6,257  
citations

87843

38  
h-index

85498

71  
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208  
all docs

208  
docs citations

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times ranked

7478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ex Vivo biomechanical analysis of the Ross procedure using the modified inclusion technique in a 3-dimensionally printed left heart simulator. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, e103-e116.	0.4	8
2	Analysis of the revised heart allocation policy and the influence of increased mechanical circulatory support on survival. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 2090-2103.e2.	0.4	4
3	The role and significance of sensitivity analyses in enhancing the statistical validity of clinical studies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 749-753.	0.4	3
4	Artificial papillary muscle device for off-pump transapical mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, e133-e141.	0.4	10
5	Novel bicuspid aortic valve model with aortic regurgitation for hemodynamic status analysis using an ex Vivo simulator. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e161-e171.	0.4	17
6	Outcomes after heart retransplantation: A 50-year single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 712-720.e6.	0.4	9
7	A neonatal leporine model of age-dependent natural heart regeneration after myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, e389-e405.	0.4	6
8	Fractional Flow Reserve–Guided PCI as Compared with Coronary Bypass Surgery. <i>New England Journal of Medicine</i> , 2022, 386, 128-137.	13.9	169
9	Photosynthetic symbiotic therapeutics – An innovative, effective treatment for ischemic cardiovascular diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 51-57.	0.9	4
10	Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1299-1306.	0.7	16
11	Natural cardiac regeneration conserves native biaxial left ventricular biomechanics after myocardial infarction in neonatal rats. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105074.	1.5	2
12	Biomechanical engineering analysis of an acute papillary muscle rupture disease model using an innovative 3D-printed left heart simulator. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 822-830.	0.5	4
13	Biomechanical analysis of neochordal repair error from diastolic phase inversion of static left ventricular pressurization. <i>JTCVS Techniques</i> , 2022, 12, 54-64.	0.2	2
14	Ex Vivo aortic valve replacement before orthotopic heart transplantation. <i>JTCVS Techniques</i> , 2022, 12, 118-120.	0.2	0
15	Ex vivo biomechanical analysis of flexible versus rigid annuloplasty rings in mitral valves using a novel annular dilation system. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 73.	0.7	7
16	A Novel Device for Intraoperative Direct Visualization of a Pressurized Root in Aortic Valve Repair. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	2
17	Biomechanical Analysis of the Ross Procedure in an Ex Vivo Left Heart Simulator. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2022, 13, 166-174.	0.3	1
18	Invited commentary: the choice between mechanical versus biologic mitral valves is becoming clear, what next?. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	0

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19	Electrophysiologic Conservation of Epicardial Conduction Dynamics After Myocardial Infarction and Natural Heart Regeneration in Newborn Piglets. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 829546.	1.1	2
20	American Association for Thoracic Surgery (AATS) website redesign: An update from the AATS IT Committee. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	0
21	Quality of Life After Fractional Flow Reserveâ€“Guided PCI Compared With Coronary Bypass Surgery. <i>Circulation</i> , 2022, 145, 1655-1662.	1.6	6
22	Efficacy of a Novel Posterior Leaflet Repair Device to Treat Secondary Mitral Regurgitation Using an Ex Vivo Heart Model. <i>Structural Heart</i> , 2022, , 100023.	0.2	0
23	Human Coronary Plaque T Cells Are Clonal and Cross-React to Virus and Self. <i>Circulation Research</i> , 2022, 130, 1510-1530.	2.0	25
24	Post-Transplant Extracorporeal Membrane Oxygenation for Severe Primary Graft Dysfunction to Support the Use of Marginal Donor Hearts. <i>Transplant International</i> , 2022, 35, 10176.	0.8	6
25	DynaRing: A Patient-Specific Mitral Annuloplasty Ring With Selective Stiffness Segments. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2022, 16, .	0.4	3
26	Use of patient-specific computational models for optimization of aortic insufficiency after implantation of left ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1556-1563.	0.4	16
27	A novel cross-species model of Barlow's disease to biomechanically analyze repair techniques in an exâ€“vivo left heart simulator. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1776-1783.	0.4	27
28	Donors after circulatory death heart trial. <i>Future Cardiology</i> , 2021, 17, 11-17.	0.5	28
29	A Novel Aortic Regurgitation Model from Cusp Prolapse with Hemodynamic Validation Using an Ex Vivo Left Heart Simulator. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 283-289.	1.1	18
30	Bilateral vs Single Internal Mammary Artery Grafts for Coronary Artery Bypass in the United States. <i>Annals of Thoracic Surgery</i> , 2021, 111, 629-635.	0.7	10
31	Less Invasive Mitral Surgery Versus Conventional Sternotomy Stratified by Mitral Pathology. <i>Annals of Thoracic Surgery</i> , 2021, 111, 819-827.	0.7	31
32	Exâ€“vivo Analysis of a Porcine Bicuspid Aortic Valve and Aneurysm Disease Model. <i>Annals of Thoracic Surgery</i> , 2021, 111, e113-e115.	0.7	9
33	Improved midterm outcomes after endovascular repair of nontraumatic descending thoracic aortic rupture compared with open surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 2004-2012.	0.4	10
34	Valve-sparing reoperations for failed pulmonary autografts. <i>JTCVS Techniques</i> , 2021, 10, 408-412.	0.2	6
35	Operative Technique of Donor Organ Procurement for En Bloc Heart-liver Transplantation. <i>Transplantation</i> , 2021, 105, 2661-2665.	0.5	3
36	Navigating the Crossroads of Cell Therapy and Natural Heart Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 674180.	1.8	4

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37	New horizons in aortic valve repair. JTCVS Techniques, 2021, 7, 71.	0.2	1
38	Cusp repair techniques in bicuspid and tricuspid aortic valves. JTCVS Techniques, 2021, 7, 109-116.	0.2	8
39	The Expanding Armamentarium of Innovative Bioengineered Strategies to Augment Cardiovascular Repair and Regeneration. Frontiers in Bioengineering and Biotechnology, 2021, 9, 674172.	2.0	2
40	Heart Valve Biomechanics: The Frontiers of Modeling Modalities and the Expansive Capabilities of Ex Vivo Heart Simulation. Frontiers in Cardiovascular Medicine, 2021, 8, 673689.	1.1	14
41	Patient-Specific Computational Fluid Dynamics Reveal Localized Flow Patterns Predictive of Post-Left Ventricular Assist Device Aortic Incompetence. Circulation: Heart Failure, 2021, 14, e008034.	1.6	9
42	First lung and kidney multi-organ transplant following COVID-19 Infection. Journal of Heart and Lung Transplantation, 2021, 40, 856-859.	0.3	5
43	Predicting post-operative right ventricular failure using video-based deep learning. Nature Communications, 2021, 12, 5192.	5.8	32
44	The impact of donor sex on heart transplantation outcomes—a study of over 60,000 patients in the United States. Journal of Heart and Lung Transplantation, 2021, 40, 814-821.	0.3	7
45	Extended Static Hypothermic Preservation In Cardiac Transplantation: A Case Report. Transplantation Proceedings, 2021, 53, 2509-2511.	0.3	7
46	From hardware store to hospital: a COVID-19-inspired, cost-effective, open-source, in vivo-validated ventilator for use in resource-scarce regions. Bio-Design and Manufacturing, 2021, , 1-8.	3.9	3
47	Videographic conceptual dynamic representation of bicuspid aortic valve anatomic configurations and structural inter-relationships. JTCVS Techniques, 2021, 9, 44-45.	0.2	1
48	Dynamic Hydrogels for Prevention of Post-Operative Peritoneal Adhesions. Advanced Therapeutics, 2021, 4, 2000242.	1.6	17
49	The Stanford experience of heart transplantation over five decades. European Heart Journal, 2021, 42, 4934-4943.	1.0	11
50	Biomechanical engineering comparison of four leaflet repair techniques for mitral regurgitation using a novel 3-dimensional-printed left heart simulator. JTCVS Techniques, 2021, 10, 244-251.	0.2	4
51	The Impact of the American Association for Thoracic Surgery on National Institutes of Health Grant Funding for Cardiothoracic Surgeons. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	7
52	Ex Vivo Model of Ischemic Mitral Regurgitation and Analysis of Adjunctive Papillary Muscle Repair. Annals of Biomedical Engineering, 2021, 49, 3412-3424.	1.3	5
53	Mitral chordae tendineae force profile characterization using a posterior ventricular anchoring neochordal repair model for mitral regurgitation in a three-dimensional-printed ex vivo left heart simulator. European Journal of Cardio-thoracic Surgery, 2020, 57, 535-544.	0.6	30
54	Development and Ex Vivo Validation of Novel Force-Sensing Neochordae for Measuring Chordae Tendineae Tension in the Mitral Valve Apparatus Using Optical Fibers With Embedded Bragg Gratings. Journal of Biomechanical Engineering, 2020, 142, .	0.6	33

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55	Impact of Surgical Approach in Double Lung Transplantation: Median Sternotomy vs Clamshell Thoracotomy. <i>Transplantation Proceedings</i> , 2020, 52, 321-325.	0.3	7
56	Transplantation Outcomes in Adults With Congenital Heart Disease Have Room to Grow. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1186-1188.	0.8	1
57	Comprehensive Ex Vivo Comparison of 5 Clinically Used Conduit Configurations for Valve-Sparing Aortic Root Replacement Using a 3-Dimensionalâ€“Printed Heart Simulator. <i>Circulation</i> , 2020, 142, 1361-1373.	1.6	22
58	Transcriptional Profiling of Normal, Stenotic, and Regurgitant Human Aortic Valves. <i>Genes</i> , 2020, 11, 789.	1.0	14
59	A Bioengineered Neuregulin-Hydrogel Therapy Reduces Scar Size and Enhances Post-Infarct Ventricular Contractility in an Ovine Large Animal Model. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 53.	0.8	8
60	Quadrupling the N95 Supply during the COVID-19 Crisis with an Innovative 3D-Printed Mask Adaptor. <i>Healthcare (Switzerland)</i> , 2020, 8, 225.	1.0	20
61	Clinical trial in a dish using iPSCs shows lovastatin improves endothelial dysfunction and cellular cross-talk in LMNA cardiomyopathy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	56
62	Relation of Length of Survival After Orthotopic Heart Transplantation to Age of the Donor. <i>American Journal of Cardiology</i> , 2020, 131, 54-59.	0.7	3
63	Long-term outcome of orthotopic heart transplantation in Asians: An analysis of the United Network of Organ Sharing database. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1315-1318.	0.3	2
64	Type A Aortic Dissectionâ€“Experience Over 5 Decades. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1703-1713.	1.2	109
65	Signalosome-Regulated Serum Response Factor Phosphorylation Determining Myocyte Growth in Width Versus Length as a Therapeutic Target for Heart Failure. <i>Circulation</i> , 2020, 142, 2138-2154.	1.6	23
66	In Vivo Validation of Restored Chordal Biomechanics After Mitral Ring Annuloplasty in a Rare Ovine Case of Natural Chronic Functional Mitral Regurgitation. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 17.	0.8	6
67	Multiaxial Lenticular Stress-Strain Relationship of Native Myocardium is Preserved by Infarct-Induced Natural Heart Regeneration in Neonatal Mice. <i>Scientific Reports</i> , 2020, 10, 7319.	1.6	6
68	Safety of photosynthetic <i>Synechococcus elongatus</i> for <i>in vivo</i> cyanobacteriaâ€“mammalian symbiotic therapeutics. <i>Microbial Biotechnology</i> , 2020, 13, 1780-1792.	2.0	16
69	Operative Techniques and Pitfalls in Donor Bilateral Lung Procurement. <i>Transplantation Proceedings</i> , 2020, 52, 954-957.	0.3	0
70	Multi-phase catheter-injectable hydrogel enables dual-stage protein-engineered cytokine release to mitigate adverse left ventricular remodeling following myocardial infarction in a small animal model and a large animal model. <i>Cytokine</i> , 2020, 127, 154974.	1.4	26
71	Natural Heart Regeneration in a Neonatal Rat Myocardial Infarction Model. <i>Cells</i> , 2020, 9, 229.	1.8	32
72	A novel 3D-Printed preferential posterior mitral annular dilation device delineates regurgitation onset threshold in an ex vivo heart simulator. <i>Medical Engineering and Physics</i> , 2020, 77, 10-18.	0.8	20

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73	Cardiac transplantation for cancer involving the heart. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 974-977.	0.3	3
74	A novel alternative to the Commando procedure: Constructing a neo-aortic root by anchoring to the sewing ring of the replaced mitral valve. <i>JTCVS Techniques</i> , 2020, 4, 101-102.	0.2	5
75	Biomimetic six-axis robots replicate human cardiac papillary muscle motion: pioneering the next generation of biomechanical heart simulator technology. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200614.	1.5	12
76	Heart Transplant Using Hepatitis C-Seropositive and Viremic Organs in Seronegative Recipients. <i>Annals of Transplantation</i> , 2020, 25, e922723.	0.5	9
77	Successful heart-lung-kidney and domino heart transplantation following veno-venous extracorporeal membrane oxygenation support. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 316-317.	0.5	3
78	Use of a supramolecular polymeric hydrogel as an effective post-operative pericardial adhesion barrier. <i>Nature Biomedical Engineering</i> , 2019, 3, 611-620.	11.6	154
79	Attrition of the cardiothoracic surgeon-scientist: Definition of the problem and remedial strategies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 504-508.	0.4	18
80	Transatlantic Editorial: Attrition of the Cardiothoracic Surgeon-Scientist: Definition of the Problem and Remedial Strategies. <i>Annals of Thoracic Surgery</i> , 2019, 108, 315-318.	0.7	6
81	Current evidence for prosthesis selection: What can we really say?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 368-375.	0.4	7
82	Ex Vivo Biomechanical Study of Apical Versus Papillary Neochord Anchoring for Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 90-97.	0.7	38
83	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. <i>Nature Medicine</i> , 2019, 25, 1280-1289.	15.2	494
84	Interfacility Transfer of Medicare Beneficiaries With Acute Type A Aortic Dissection and Regionalization of Care in the United States. <i>Circulation</i> , 2019, 140, 1239-1250.	1.6	67
85	Evaluation of Risk Factors for Heart-Lung Transplant Recipient Outcome. <i>Circulation</i> , 2019, 140, 1261-1272.	1.6	21
86	Optimizing the Use of Heart Transplant in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1772.	3.8	3
87	Physical therapy in successful venoarterial extracorporeal membrane oxygenation bridge to orthotopic heart transplantation. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1390-1392.	0.3	3
88	Heart-lung transplantation with concomitant aortic arch reconstruction for Eisenmenger syndrome and type B interrupted aortic arch. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1320-1321.	0.3	1
89	A Unique Collateral Artery Development Program Promotes Neonatal Heart Regeneration. <i>Cell</i> , 2019, 176, 1128-1142.e18.	13.5	162
90	Impact of increased-risk donor hearts on transplant outcomes: A propensity-matched analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 603-610.	0.4	26

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91	A Biocompatible Therapeutic Catheterâ€Deliverable Hydrogel for In Situ Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801147.	3.9	47
92	Time-to-operation does not predict outcome in acute type A aortic dissection complicated by neurologic injury at presentation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 665-672.	0.4	15
93	Transatlantic Editorial: Attrition of the cardiothoracic surgeon-scientist: definition of the problem and remedial strategies. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 220-223.	0.6	1
94	Stanford Cardiovascular Institute. <i>Circulation Research</i> , 2019, 124, 1420-1424.	2.0	4
95	Integrated Thoracic Surgery Residency: Current Status and Future Evolution. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 345-349.	0.4	27
96	Redo Valve-Sparing Root Replacement for Delayed Cusp Derangement From Ventricular Septal Defect. <i>Annals of Thoracic Surgery</i> , 2019, 108, e295-e296.	0.7	4
97	Bioengineered analog of stromal cell-derived factor 1± preserves the biaxial mechanical properties of native myocardium after infarction. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 96, 165-171.	1.5	11
98	Intramyocardial Injection of Mesenchymal Precursor Cells and Successful Temporary Weaning From Left Ventricular Assist Device Support in Patients With Advanced Heart Failure. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1176.	3.8	87
99	Short-term outcomes of <i>en bloc</i> combined heart and liver transplantation in the failing Fontan. <i>Clinical Transplantation</i> , 2019, 33, e13540.	0.8	46
100	Multidisciplinary approach utilizing early, intensive physical rehabilitation to accelerate recovery from veno-venous extracorporeal membrane oxygenation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 811-812.	0.6	2
101	Endovascular Versus Open Repair ofÂIntact Descending ThoracicÂAorticÂAneurysms. <i>Journal of the American College of Cardiology</i> , 2019, 73, 643-651.	1.2	72
102	Modeling conduit choice for valve-sparing aortic root replacement on biomechanics with a 3-dimensionalâ€printed heart simulator. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 392-403.	0.4	36
103	Reply to Dimarakis and Venkateswaran. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 596-596.	0.6	0
104	Cardioaortic replacement for a ruptured root pseudoaneurysm with pulsatile subcutaneous extension. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 615-617.	0.6	1
105	First in line for robotic surgery: Would you want to know?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1934-1940.	0.4	3
106	Heartâ€lung transplantation over the past 10 years: an up-to-date concept. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 304-308.	0.6	14
107	Photosynthetic symbiotic therapy. <i>Aging</i> , 2019, 11, 843-844.	1.4	10
108	Ageism in cardiac surgery: is less really more?. <i>Aging</i> , 2019, 11, 1-2.	1.4	3

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109	Prosthesis Type for Aortic- and Mitral-Valve Replacement. <i>New England Journal of Medicine</i> , 2018, 378, 776-779.	13.9	3
110	SDF 1-alpha Attenuates Myocardial Injury Without Altering the Direct Contribution of Circulating Cells. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 274-284.	1.1	18
111	Ambulating femoral venoarterial extracorporeal membrane oxygenation bridge to heart-lung transplant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, e135-e137.	0.4	18
112	Immediate operation for acute type A aortic dissection complicated by visceral or peripheral malperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 18-24.e3.	0.4	44
113	A modified technique for orthotopic heart transplantation to minimize warm ischaemic time. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1089-1090.	0.6	15
114	Angiogenesis precedes cardiomyocyte migration in regenerating mammalian hearts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1118-1127.e1.	0.4	52
115	Heart transplant after profoundly extended ambulatory central venoarterial extracorporeal membrane oxygenation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, e7-e9.	0.4	22
116	Percutaneous, minimally invasive approach to implantable left ventricular assist device deactivation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 653-654.	0.4	4
117	Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1-7.e1.	0.4	47
118	Second Arterial Versus Venous Conduits for Multivessel Coronary Artery Bypass Surgery in California. <i>Circulation</i> , 2018, 137, 1698-1707.	1.6	49
119	Rapid Self-Assembly of Bioengineered Cardiovascular Bypass Grafts From Scaffold-Stabilized, Tubular Bilevel Cell Sheets. <i>Circulation</i> , 2018, 138, 2130-2144.	1.6	28
120	Operative Techniques and Pitfalls in Donor Heart-Lung Procurement. <i>Transplantation Proceedings</i> , 2018, 50, 3111-3112.	0.3	7
121	Impact of Donor Obesity on Outcomes After Orthotopic Heart Transplantation. <i>Journal of the American Heart Association</i> , 2018, 7, e010253.	1.6	12
122	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1120-1121.	0.7	0
123	The Incremental Value of Right Ventricular Size and Strain in the Risk Assessment of Right Heart Failure Post - Left Ventricular Assist Device Implantation. <i>Journal of Cardiac Failure</i> , 2018, 24, 823-832.	0.7	26
124	Postpartum Diagnosis of Cardiac Paraganglioma: A Case Report. <i>Journal of Emergency Medicine</i> , 2018, 55, e101-e105.	0.3	1
125	Would evolving recommendations for mechanical mitral valve replacement further raise the bar for successful mitral valve repair?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 622-626.	0.6	0
126	The Wheat sprouts new life. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1-2.	0.4	2



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127	Successful use of donor lungs after repairing severely injured pulmonary vein of donor lungs. European Journal of Cardio-thoracic Surgery, 2018, 53, 889-889.	0.6	2
128	To repair or to replace: four decades in the making. Annals of Translational Medicine, 2018, 6, 125-125.	0.7	0
129	Abstract 17169: Computationally-Engineered Analog of Stromal Cell-Derived Factor 1± Preserves the Mechanical Properties of Infarcted Myocardium Under Planar Biaxial Tension. Circulation, 2018, 138, .	1.6	0
130	Current status of domino heart transplantation. Journal of Cardiac Surgery, 2017, 32, 229-232.	0.3	11
131	Operative technique and pitfalls in donor heart procurement. Asian Cardiovascular and Thoracic Annals, 2017, 25, 80-82.	0.2	10
132	Stem Cell Therapy: Healing or Hype?. Circulation Research, 2017, 120, 1868-1870.	2.0	16
133	A novel protein-engineered hepatocyte growth factor analog released via a shear-thinning injectable hydrogel enhances post-infarction ventricular function. Biotechnology and Bioengineering, 2017, 114, 2379-2389.	1.7	27
134	An innovative biologic system for photon-powered myocardium in the ischemic heart. Science Advances, 2017, 3, e1603078.	4.7	88
135	Pneumonia after cardiac surgery: Experience of the National Institutes of Health/Canadian Institutes of Health Research Cardiothoracic Surgical Trials Network. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1384-1391.e3.	0.4	79
136	Injectable Bioengineered Hydrogel Therapy in the Treatment of Ischemic Cardiomyopathy. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 30.	0.4	5
137	Resection of a Giant Cardiac Lymphovenous Malformation Involving the Right Atrioventricular Groove. Annals of Thoracic Surgery, 2017, 104, e257-e259.	0.7	2
138	Alternative Progenitor Cells Compensate to Rebuild the Coronary Vasculature in Elabela- and Apj-Deficient Hearts. Developmental Cell, 2017, 42, 655-666.e3.	3.1	88
139	Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm. Seminars in Thoracic and Cardiovascular Surgery, 2017, 29, 283-291.	0.4	4
140	Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium. Circulation Research, 2017, 121, e22-e36.	2.0	124
141	Mechanical or Biologic Prostheses for Aortic-Valve and Mitral-Valve Replacement. New England Journal of Medicine, 2017, 377, 1847-1857.	13.9	454
142	Layered smooth muscle cell-endothelial progenitor cell sheets derived from the bone marrow augment postinfarction ventricular function. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 955-963.	0.4	16
143	TRANSFORM (Multicenter Experience With Rapid Deployment Edwards INTUITY Valve System for Aortic) Tj ETQq1 1 0.784314 rgBT /Ov Thoracic and Cardiovascular Surgery, 2017, 153, 241-251.e2.	0.4	120
144	A modified explant technique of HeartWare ventricular assist device for bridge to recovery. European Journal of Cardio-thoracic Surgery, 2017, 52, 1223-1224.	0.6	1

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145	Tricuspid leaflet repair: innovative solutions. <i>Annals of Cardiothoracic Surgery</i> , 2017, 6, 248-254.	0.6	10
146	Tissue-engineered smooth muscle cell and endothelial progenitor cell bi-level cell sheets prevent progression of cardiac dysfunction, microvascular dysfunction, and interstitial fibrosis in a rodent model of type 1 diabetes-induced cardiomyopathy. <i>Cardiovascular Diabetology</i> , 2017, 16, 142.	2.7	30
147	Autograft Valve-Sparing Root Replacement for Late Ross Failure during Quadruple-Valve Surgery. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2017, 23, 313-315.	0.3	3
148	Is minimally invasive thoracoscopic surgery the new benchmark for treating mitral valve disease?. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 567-572.	0.6	4
149	Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering. <i>Cytotherapy</i> , 2016, 18, 510-517.	0.3	17
150	Regulating Stem Cell Secretome Using Injectable Hydrogels with In Situ Network Formation. <i>Advanced Healthcare Materials</i> , 2016, 5, 2758-2764.	3.9	53
151	Cell transplantation in heart failure: where do we stand in 2016?. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 396-399.	0.6	6
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