

Shigeru Miyagawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7188630/publications.pdf>

Version: 2024-02-01

358
papers

8,631
citations

53660

45
h-index

69108

77
g-index

371
all docs

371
docs citations

371
times ranked

8938
citing authors

#	ARTICLE	IF	CITATIONS
1	A Case of CABG in a Patient with High Risk of Coronary Obstruction during TAV-in-TAV. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2024, 30, n/a.	0.3	1
2	Adipose-derived stem cell sheet under an elastic patch improves cardiac function in rats after myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e261-e272.	0.4	18
3	Sutureless Patch Repair With a Novel Adhesive for Postinfarction Ventricular Septal Rupture. <i>Annals of Thoracic Surgery</i> , 2022, 113, e33-e36.	0.7	6
4	Rapid and sensitive mycoplasma detection system using image-based deep learning. <i>Journal of Artificial Organs</i> , 2022, 25, 50-58.	0.4	3
5	JCS/JSCVS 2018 Guideline on Revascularization of Stable Coronary Artery Disease. <i>Circulation Journal</i> , 2022, 86, 477-588.	0.7	38
6	Engineered clustered myoblast cell injection augments angiogenesis and muscle regeneration in peripheral artery disease. <i>Molecular Therapy</i> , 2022, , .	3.7	7
7	Modeling reduced contractility and impaired desmosome assembly due to plakophilin-2 deficiency using isogenic iPS cell-derived cardiomyocytes. <i>Stem Cell Reports</i> , 2022, 17, 337-351.	2.3	18
8	A novel prostaglandin I2 agonist, ONO-1301, attenuates liver inflammation and suppresses fibrosis in non-alcoholic steatohepatitis model mice. <i>Inflammation and Regeneration</i> , 2022, 42, 3.	1.5	2
9	Infective endocarditis in an adult with unrepaired corrected transposition. <i>SAGE Open Medical Case Reports</i> , 2022, 10, 2050313X2210851.	0.2	0
10	Successful transfemoral-transcatheter aortic valve replacement in high-risk patients with a grade 4 atheroma in the ascending aorta: cerebral protection with a filter device. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, , 1.	0.4	1
11	Chimerism through the activation of invariant natural killer T cells prolongs graft survival after transplantation of induced pluripotent stem cell-derived allogeneic cardiomyocytes. <i>PLoS ONE</i> , 2022, 17, e0264317.	1.1	0
12	Yes-associated protein activation potentiates glycogen synthase kinase-3 inhibitor-induced proliferation of neonatal cardiomyocytes and iPS cell-derived cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2022, 237, 2539-2549.	2.0	7
13	Impella 5.0 support as a bridge to the exchange of an infected left ventricular assist device. <i>Journal of Artificial Organs</i> , 2022, , 1.	0.4	0
14	Engineered three-dimensional cardiac tissues maturing in a rotating wall vessel bioreactor remodel diseased hearts in rats with myocardial infarction. <i>Stem Cell Reports</i> , 2022, 17, 1170-1182.	2.3	7
15	Sudden severe left ventricular assist device inflow cannula obstruction caused by huge thrombus after closure of mechanical aortic valve: case report. <i>Journal of Artificial Organs</i> , 2022, , .	0.4	0
16	Development and evaluation of a novel xeno-free culture medium for human-induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	9
17	Human-Induced Pluripotent Stem Cell-Derived Cardiomyocyte Model for TNNT2-Induced Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, .	1.6	5
18	Effect of Diabetes Mellitus on Outcomes in Patients With Left Ventricular Assist Device: Analysis of Data From a Japanese National Database. <i>Circulation Journal</i> , 2022, 86, 1950-1958.	0.7	3

#	ARTICLE	IF	CITATIONS
19	New treatment strategy for severe heart failure: combination of ventricular assist device and regenerative therapy. <i>Journal of Artificial Organs</i> , 2021, 24, 1-5.	0.4	4
20	Development of a new risk model for a prognostic prediction after transcatheter aortic valve replacement. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 44-50.	0.4	5
21	Total percutaneous biventricular assist device implantation for fulminant myocarditis. <i>Journal of Artificial Organs</i> , 2021, 24, 254-257.	0.4	4
22	Autologous skeletal myoblast sheet implantation for pediatric dilated cardiomyopathy: A case report. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 859-861.	0.4	5
23	Effect of a reduced donor heart right ventricular distensibility on post-heart transplant haemodynamics. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 141-149.	0.5	1
24	Notch signaling-modified mesenchymal stem cells improve tissue perfusion by induction of arteriogenesis in a rat hindlimb ischemia model. <i>Scientific Reports</i> , 2021, 11, 2543.	1.6	7
25	Development of temperature dependent oxygen releasable nanofilm by modulating oxidation state of myoglobin. <i>Chemical Communications</i> , 2021, 57, 5131-5134.	2.2	4
26	Large-Scale Differentiation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes by Stirring-Type Suspension Culture. <i>Methods in Molecular Biology</i> , 2021, 2320, 23-27.	0.4	4
27	Multilayered Human Skeletal Muscle Myoblast Sheets Promote the Healing Process After Colonic Anastomosis in Rats. <i>Cell Transplantation</i> , 2021, 30, 096368972110095.	1.2	3
28	Genome Editing in Human Induced Pluripotent Stem Cells (hiPSCs). <i>Methods in Molecular Biology</i> , 2021, 2320, 235-245.	0.4	8
29	Surgical Ablation Concomitant With Nonmitral Valve Surgery for Persistent Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1909-1920.	0.7	5
30	Autologous skeletal myoblast patch implantation prevents the deterioration of myocardial ischemia and right heart dysfunction in a pressure-overloaded right heart porcine model. <i>PLoS ONE</i> , 2021, 16, e0247381.	1.1	3
31	Prediction of aortic valve regurgitation after continuous-flow left ventricular assist device implantation using artificial intelligence trained on acoustic spectra. <i>Journal of Artificial Organs</i> , 2021, 24, 164-172.	0.4	5
32	An application of a patient-specific cardiac simulator for the prediction of outcomes after mitral valve replacement: a pilot study. <i>Journal of Artificial Organs</i> , 2021, 24, 351-357.	0.4	1
33	Incidence, determinants and clinical impact of left ventricular function recovery after surgical treatments for ischaemic cardiomyopathy. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 689-696.	0.6	5
34	Human induced pluripotent stem cell-derived three-dimensional cardiomyocyte tissues ameliorate the rat ischemic myocardium by remodeling the extracellular matrix and cardiac protein phenotype. <i>PLoS ONE</i> , 2021, 16, e0245571.	1.1	10
35	New regional drug delivery system by direct epicardial placement of slow-release prostacyclin agonist promise therapeutic angiogenesis in a porcine chronic myocardial infarction. <i>Journal of Artificial Organs</i> , 2021, 24, 465-472.	0.4	5
36	Development of a drug screening system using three-dimensional cardiac tissues containing multiple cell types. <i>Scientific Reports</i> , 2021, 11, 5654.	1.6	8

#	ARTICLE	IF	CITATIONS
37	Innovative therapeutic strategy using prostaglandin I2 agonist (ONO1301) combined with nano drug delivery system for pulmonary arterial hypertension. <i>Scientific Reports</i> , 2021, 11, 7292.	1.6	6
38	Scaffold-free tissue-engineered arterial grafts derived from human skeletal myoblasts. <i>Artificial Organs</i> , 2021, 45, 919-932.	1.0	6
39	New cell delivery system CellSaic with adipose-derived stromal cells promotes functional angiogenesis in critical limb ischemia model mice. <i>Journal of Artificial Organs</i> , 2021, 24, 343-350.	0.4	3
40	A novel model of chronic limb ischemia to therapeutically evaluate the angiogenic effects of drug candidates. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1124-H1135.	1.5	7
41	Impact of tricuspid regurgitation on late right ventricular failure in left ventricular assist device patients ~can prophylactic tricuspid annuloplasty prevent late right ventricular failure? ~. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 99.	0.4	4
42	Bilateral Internal Thoracic Artery Grafting Improves Survival for Severe Left Ventricular Dysfunction and Diabetes. <i>Circulation Journal</i> , 2021, 85, 1991-2001.	0.7	3
43	Long-term outcomes of autologous skeletal myoblast cell-sheet transplantation for end-stage ischemic cardiomyopathy. <i>Molecular Therapy</i> , 2021, 29, 1425-1438.	3.7	19
44	Successful Radical Pericardiectomy for Porcelain Constrictive Pericarditis. <i>JACC: Case Reports</i> , 2021, 3, 816-817.	0.3	0
45	Phenotypic recapitulation and correction of desmoglein-2-deficient cardiomyopathy using human-induced pluripotent stem cell-derived cardiomyocytes. <i>Human Molecular Genetics</i> , 2021, 30, 1384-1397.	1.4	19
46	Unusual Case of Giant Nonthrombosed Right Coronary Artery Pseudoaneurysm With Coronary Artery Fistula. <i>JACC: Case Reports</i> , 2021, 3, 806-810.	0.3	0
47	Detrimental effects of elevated transpulmonary gradient on outcomes following restrictive mitral annuloplasty in patients with pre-existing pulmonary hypertension. <i>Journal of Thoracic Disease</i> , 2021, 13, 2746-2757.	0.6	1
48	Decreased YAP activity reduces proliferative ability in human induced pluripotent stem cell of duchenne muscular dystrophy derived cardiomyocytes. <i>Scientific Reports</i> , 2021, 11, 10351.	1.6	7
49	Four-quadrant visualization of systemic circulatory equilibrium: right ventricular failure after left ventricular assist device implantation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2161-H2168.	1.5	0
50	Left ventricle "mitral valve ring size mismatch following ring annuloplasty for nonischemic dilated cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	3
51	Homogeneous 2D and 3D alignment of cardiomyocyte in dilated cardiomyopathy revealed by intravital heart imaging. <i>Scientific Reports</i> , 2021, 11, 14698.	1.6	3
52	Cardiac fibrosis models using human induced pluripotent stem cell-derived cardiac tissues allow anti-fibrotic drug screening in vitro. <i>Stem Cell Research</i> , 2021, 54, 102420.	0.3	13
53	Clinical Outcomes of Autologous Stem Cell "Patch Implantation for Patients With Heart Failure With Nonischemic Dilated Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2021, 10, e008649.	1.6	9
54	Therapeutic efficacy of large aligned cardiac tissue derived from induced pluripotent stem cell in a porcine ischemic cardiomyopathy model. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 767-777.	0.3	17

#	ARTICLE	IF	CITATIONS
55	Multiple percutaneous coronary interventions worsen outcomes for subsequent surgical correction of chronic ischemic mitral regurgitation. <i>JTCVS Open</i> , 2021, 7, 195-206.	0.2	1
56	Impact of radiation to the eye of operators during endo-cardiovascular surgery and the importance of protection. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, , 1.	0.4	1
57	Risk factors of gynecological bleeding in female patients with left-ventricular assist device. <i>Journal of Artificial Organs</i> , 2021, , 1.	0.4	1
58	Clinical Outcomes Following Durable Mitral Valve Repair for Ischemic Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	1
59	Cardiotoxicity assessment using 3D vascularized cardiac tissue consisting of human iPSC-derived cardiomyocytes and fibroblasts. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 338-349.	1.8	12
60	Elimination of residual undifferentiated induced pluripotent stem cells (iPSCs) using irradiation for safe clinical applications of iPSC-derived cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2021, 574, 91-96.	1.0	3
61	Adipose-derived mesenchymal stem cells preserve cardiac function via ANT-1 in dilated cardiomyopathy hamster model. <i>Regenerative Therapy</i> , 2021, 18, 182-190.	1.4	1
62	Induced pluripotent stem cells for treatment of heart failure. , 2021, , 205-223.		0
63	Complex HeartWare left ventricular assist device infection treated with pump exchange: clinical alert for the driveline location. <i>Journal of Artificial Organs</i> , 2021, 24, 377-381.	0.4	2
64	Construction of Three-Dimensional Using Layer-by-Layer Method. <i>Methods in Molecular Biology</i> , 2021, 2320, 75-79.	0.4	1
65	Efficient Method to Induced Pluripotent Stem Cell-Derived Cardiomyocyte into Single Cells. <i>Methods in Molecular Biology</i> , 2021, 2320, 29-33.	0.4	2
66	Fabrication of Thick and Anisotropic on Nanofibrous Substrate for Repairing Infarcted Myocardium. <i>Methods in Molecular Biology</i> , 2021, 2320, 65-73.	0.4	1
67	The Effect of Adjunctive Antibiotic Oral Therapy on the Recurrence of Infective Endocarditis After Valve Surgeries. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 691-698.	0.4	3
68	Active infective endocarditis of a bicuspid aortic valve causing left ventricular outflow tract pseudoaneurysm and right atrium shunt: A case report. <i>International Journal of Surgery Case Reports</i> , 2021, 88, 106527.	0.2	1
69	The Regenerative Medicine for Heart Failure: From Transplant Therapy to In Vitro Study. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2021, 37, 73-77.	0.0	0
70	Inferior to superior vena cava bypass for baffle stenosis after atrial switch. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0
71	Combined administration of laminin-221 and prostacyclin agonist enhances endogenous cardiac repair in an acute infarct rat heart. <i>Scientific Reports</i> , 2021, 11, 22243.	1.6	3
72	Computational fluid dynamics visualizes turbulent flow in the aortic root of a patient under continuous-flow left ventricular assist device support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, e205-e207.	0.4	6

#	ARTICLE	IF	CITATIONS
73	Jarvik 2000 with postauricular cable as destination therapy: first clinical case in Japan. <i>Journal of Artificial Organs</i> , 2020, 23, 89-92.	0.4	1
74	Left Ventricular Stroke Work Index Associated With Outcome After Mitral Valve Surgery for Functional Regurgitation in Nonischemic Dilated Cardiomyopathy. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 698-709.	0.4	5
75	A disintegrin and metalloproteinase 12 prevents heart failure by regulating cardiac hypertrophy and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H238-H251.	1.5	17
76	Adiponectin Stimulates Exosome Release to Enhance Mesenchymal Stem-Cell-Driven Therapy of Heart Failure in Mice. <i>Molecular Therapy</i> , 2020, 28, 2203-2219.	3.7	86
77	An evaluation of the long-term patency of the aortocoronary bypass graft anastomosed to a vascular prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 832-838.	0.6	3
78	Laminin α 221 Enhances Therapeutic Effects of Human α Induced Pluripotent Stem Cell α Derived 3 α Dimensional Engineered Cardiac Tissue Transplantation in a Rat Ischemic Cardiomyopathy Model. <i>Journal of the American Heart Association</i> , 2020, 9, e015841.	1.6	9
79	Synthetic Prostacyclin Agonist Attenuates Pressure-Overloaded Cardiac Fibrosis by Inhibiting FMT. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 210-219.	1.8	10
80	Adeno-associated virus-mediated gene delivery promotes S-phase entry-independent precise targeted integration in cardiomyocytes. <i>Scientific Reports</i> , 2020, 10, 15348.	1.6	20
81	hiPSC-Derived Cardiac Tissue for Disease Modeling and Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8893.	1.8	27
82	Restrictive mitral annuloplasty with or without coronary artery bypass grafting in ischemic mitral regurgitation. <i>ESC Heart Failure</i> , 2020, 7, 1560-1570.	1.4	7
83	Syngeneic Mesenchymal Stem Cells Reduce Immune Rejection After Induced Pluripotent Stem Cell-Derived Allogeneic Cardiomyocyte Transplantation. <i>Scientific Reports</i> , 2020, 10, 4593.	1.6	36
84	Circulating re-entrant waves promote maturation of hiPSC-derived cardiomyocytes in self-organized tissue ring. <i>Communications Biology</i> , 2020, 3, 122.	2.0	32
85	Impact of turbulent blood flow in the aortic root on de novo aortic insufficiency during continuous α flow left ventricular α assist device support. <i>Artificial Organs</i> , 2020, 44, 883-891.	1.0	10
86	Noninvasive optical coherence tomography imaging of three α dimensional cardiac tissues derived from human induced pluripotent stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1384-1393.	1.3	1
87	Administration of Slow-Release Synthetic Prostacyclin Agonist Promoted Angiogenesis and Skeletal Muscle Regeneration for Limb Ischemia. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 119-130.	1.8	3
88	Pigs with β -sarcoglycan deficiency exhibit traits of genetic cardiomyopathy. <i>Laboratory Investigation</i> , 2020, 100, 887-899.	1.7	10
89	Role and therapeutic effects of skeletal muscle-derived non-myogenic cells in a rat myocardial infarction model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 69.	2.4	8
90	A case of tacrolimus-induced reversible cerebral vasoconstriction syndrome after heart transplantation. <i>General Thoracic and Cardiovascular Surgery</i> , 2020, 68, 1483-1486.	0.4	6

#	ARTICLE	IF	CITATIONS
91	High-mobility group box 1 fragment suppresses adverse post-infarction remodeling by recruiting PDGFR β -positive bone marrow cells. PLoS ONE, 2020, 15, e0230392.	1.1	15
92	Intraoperative hemoglobin level and primary graft dysfunction in adult heart transplantation. General Thoracic and Cardiovascular Surgery, 2020, 68, 1260-1269.	0.4	3
93	Surgical Results for Infective Endocarditis Complicated With Cardiogenic Shock. Circulation Journal, 2020, 84, 926-934.	0.7	1
94	Recovery From Exhaustion of the Frank-Starling Mechanism by Mechanical Unloading With a Continuous-Flow Ventricular Assist Device. Circulation Journal, 2020, 84, 1124-1131.	0.7	3
95	Transapical Off-Pump Mitral Valve Repair With NeoChord Implantation—First 2 Cases in Japan. Circulation Journal, 2020, 84, 2033.	0.7	0
96	Risk of stroke early after implantation of a left ventricular assist device. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 259-267.e1.	0.4	11
97	Effect of Continuous-Flow Mechanical Circulatory Support on Microvasculature Remodeling in the Failing Heart. Artificial Organs, 2019, 43, 350-362.	1.0	9
98	Endocardium differentiation through Sox17 expression in endocardium precursor cells regulates heart development in mice. Scientific Reports, 2019, 9, 11953.	1.6	23
99	Vasculogenically conditioned peripheral blood mononuclear cells inhibit mouse immune response to induced pluripotent stem cell-derived allogeneic cardiac grafts. PLoS ONE, 2019, 14, e0217076.	1.1	4
100	Geometrical Patterning and Constituent Cell Heterogeneity Facilitate Electrical Conduction Disturbances in a Human Induced Pluripotent Stem Cell-Based Platform: An In vitro Disease Model of Atrial Arrhythmias. Frontiers in Physiology, 2019, 10, 818.	1.3	15
101	Prostacyclin Analogue-Loaded Nanoparticles Attenuate Myocardial Ischemia/Reperfusion Injury in Rats. JACC Basic To Translational Science, 2019, 4, 318-331.	1.9	17
102	Micro Vacuum Chuck and Tensile Test System for Bio-Mechanical Evaluation of 3D Tissue Constructed of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes (hiPS-CM). Micromachines, 2019, 10, 487.	1.4	11
103	Natural killer cells impede the engraftment of cardiomyocytes derived from induced pluripotent stem cells in syngeneic mouse model. Scientific Reports, 2019, 9, 10840.	1.6	9
104	Infective endocarditis of bovine pericardial patch in the aortic position in a patient with left ventricular assist device. Journal of Artificial Organs, 2019, 22, 345-347.	0.4	0
105	Right Atrial Pressure Waveform Predicts Right Ventricular Failure After Left Ventricular Assist Device Implantation. Annals of Thoracic Surgery, 2019, 108, 1361-1368.	0.7	12
106	Results of surgical management of infective endocarditis associated with Staphylococcus aureus. European Journal of Cardio-thoracic Surgery, 2019, 56, 30-37.	0.6	9
107	Rapid Deployment Aortic Valve Replacement via Right Lateral Mini-Thoracotomy—First Clinical Experience in Japan. Circulation Journal, 2019, 83, 485-487.	0.7	2
108	Microvascular Dysfunction Related to Progressive Left Ventricular Remodeling due to Chronic Occlusion of the Left Anterior Descending Artery in an Adult Porcine Heart. International Heart Journal, 2019, 60, 715-727.	0.5	10

#	ARTICLE	IF	CITATIONS
109	Perioperative ischaemic reperfusion injury and allograft function in the early post-transplantation period. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 230-236.	0.5	3
110	Adipose Tissue-Derived Stem Cells Have the Ability to Differentiate into Alveolar Epithelial Cells and Ameliorate Lung Injury Caused by Elastase-Induced Emphysema in Mice. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	12
111	Long-Term Outcome of Ischemic Cardiomyopathy After Autologous Myoblast Cell-Sheet Implantation. <i>Annals of Thoracic Surgery</i> , 2019, 108, e303-e306.	0.7	15
112	Clonal Isolation of Human Pluripotent Stem Cells on Nanofibrous Substrates Reveals an Advanced Subclone for Cardiomyocyte Differentiation. <i>Advanced Healthcare Materials</i> , 2019, 8, 1900165.	3.9	3
113	A case of <i>Mycobacterium chelonae</i> mediastinitis and acute humoral rejection after heart transplantation. <i>Journal of Cardiac Surgery</i> , 2019, 34, 205-207.	0.3	3
114	Pioglitazone strengthen therapeutic effect of adipose-derived regenerative cells against ischemic cardiomyopathy through enhanced expression of adiponectin and modulation of macrophage phenotype. <i>Cardiovascular Diabetology</i> , 2019, 18, 39.	2.7	17
115	Verification of pharmacogenomics-based algorithms to predict warfarin maintenance dose using registered data of Japanese patients. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 901-911.	0.8	11
116	Surgical Resection and Pazopanib Treatment for Recurrent Cardiac Angiosarcoma. <i>BMC Clinical Pathology</i> , 2019, 12, 2632010X1983126.	0.7	3
117	Therapeutic hypothermia after global cerebral ischemia due to left ventricular assist device malfunction. <i>Journal of Artificial Organs</i> , 2019, 22, 246-248.	0.4	0
118	CXCL4/PF4 is a predictive biomarker of cardiac differentiation potential of human induced pluripotent stem cells. <i>Scientific Reports</i> , 2019, 9, 4638.	1.6	10
119	Emergency valve surgery improves clinical results in patients with infective endocarditis complicated with acute cerebral infarction: analysis using propensity score matching. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 942-949.	0.6	16
120	Single injection of sustained-release prostacyclin analog ONO-1301-MS ameliorates hypoxic toxicity in the murine model of amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2019, 9, 5252.	1.6	9
121	Surgery-first treatment improves clinical results in infective endocarditis complicated with disseminated intravascular coagulation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 785-792.	0.6	7
122	Autotransplantation for Cardiac Sarcoma With Fenestrated Patch and In Situ Pulmonary Vein Fixation. <i>Circulation Journal</i> , 2019, 83, 1764.	0.7	3
123	Tumorigenicity assay essential for facilitating safety studies of hiPSC-derived cardiomyocytes for clinical application. <i>Scientific Reports</i> , 2019, 9, 1881.	1.6	38
124	Rescuing Patients With Severe Biventricular Failure in the Era of Continuous-Flow Left Ventricular Assist Device. <i>Circulation Journal</i> , 2019, 83, 379-385.	0.7	2
125	MHC-mismatched Allotransplantation of Induced Pluripotent Stem Cell-derived Cardiomyocyte Sheets to Improve Cardiac Function in a Primate Ischemic Cardiomyopathy Model. <i>Transplantation</i> , 2019, 103, 1582-1590.	0.5	30
126	Efficient Differentiation of Mouse Induced Pluripotent Stem Cells into Alveolar Epithelium Type II with a BRD4 Inhibitor. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	2

#	ARTICLE	IF	CITATIONS
127	Transplantation of Human-induced Pluripotent Stem Cell-derived Cardiomyocytes Is Superior to Somatic Stem Cell Therapy for Restoring Cardiac Function and Oxygen Consumption in a Porcine Model of Myocardial Infarction. <i>Transplantation</i> , 2019, 103, 291-298.	0.5	78
128	Blockade of NKG2D/NKG2D ligand interaction attenuated cardiac remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2019, 115, 765-775.	1.8	10
129	Laminin-511 Supplementation Enhances Stem Cell Localization With Suppression in the Decline of Cardiac Function in Acute Infarct Rats. <i>Transplantation</i> , 2019, 103, e119-e127.	0.5	11
130	Current Status of Regenerative Medicine for Heart Failure and Expectations for Cardiac Rehabilitation. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2019, 56, 711-716.	0.0	0
131	Immunologic targeting of CD30 eliminates tumourigenic human pluripotent stem cells, allowing safer clinical application of hiPSC-based cell therapy. <i>Scientific Reports</i> , 2018, 8, 3726.	1.6	44
132	A prostacyclin agonist and an omental flap increased myocardial blood flow in a porcine chronic ischemia model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 229-241.e14.	0.4	9
133	Novel regenerative therapy combined with transphrenic peritoneoscopy-assisted omentopexy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 993-1001.	0.5	5
134	Annular dynamics of memo3D annuloplasty ring evaluated by 3D transesophageal echocardiography. <i>General Thoracic and Cardiovascular Surgery</i> , 2018, 66, 214-219.	0.4	1
135	Colonic fistula caused by remaining inflow cannula 14 years after left ventricular assist device explantation. <i>Journal of Artificial Organs</i> , 2018, 21, 356-358.	0.4	3
136	Diagnosis, medical treatment, and stepwise mechanical circulatory support for fulminant myocarditis. <i>Journal of Artificial Organs</i> , 2018, 21, 172-179.	0.4	30
137	Overexpression of collagen type III in injured myocardium prevents cardiac systolic dysfunction by changing the balance of collagen distribution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 217-226.e3.	0.4	30
138	In vitro platform of allogeneic stem cell-derived cardiomyocyte transplantation for cardiac conduction defects. <i>Europace</i> , 2018, 20, 1553-1560.	0.7	2
139	Pivotal Role of Non-cardiomyocytes in Electromechanical and Therapeutic Potential of Induced Pluripotent Stem Cell-Derived Engineered Cardiac Tissue. <i>Tissue Engineering - Part A</i> , 2018, 24, 287-300.	1.6	63
140	Diabetes mellitus adversely affects mortality and recurrence after valve surgery for infective endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1021-1029.e5.	0.4	21
141	Development of <i>In Vitro</i> Drug-Induced Cardiotoxicity Assay by Using Three-Dimensional Cardiac Tissues Derived from Human Induced Pluripotent Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 56-67.	1.1	88
142	Myocardial regenerative therapy using a scaffold-free skeletal-muscle-derived cell sheet in patients with dilated cardiomyopathy even under a left ventricular assist device: a safety and feasibility study. <i>Surgery Today</i> , 2018, 48, 200-210.	0.7	47
143	Cardiac Function and Type of Mitral Valve Surgery Affect Postoperative Blood Flow Pattern in the Left Ventricle. <i>Circulation Journal</i> , 2018, 83, 130-138.	0.7	14
144	Cell Spray Transplantation of Adipose-derived Mesenchymal Stem Cell Recovers Ischemic Cardiomyopathy in a Porcine Model. <i>Transplantation</i> , 2018, 102, 2012-2024.	0.5	24

#	ARTICLE	IF	CITATIONS
145	First Transcatheter Aortic Valve Implantation via Carotid Artery Performed in Japan. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2018, 27, 264-266.	0.3	2
146	Long-term outcome of a dilated cardiomyopathy patient after mitral valve surgery combined with tissue-engineered myoblast sheets—report of a case. <i>Surgical Case Reports</i> , 2018, 4, 142.	0.2	5
147	Overview of the 32 nd Annual Scientific Meeting of the Japanese Circulation Society—Futurability: Pioneering the Future of Circulatory Medicine—1985-1990. <i>Circulation Journal</i> , 2018, 82, 1985-1990.	0.7	0
148	The administration of high-mobility group box 1 fragment prevents deterioration of cardiac performance by enhancement of bone marrow mesenchymal stem cell homing in the delta-sarcoglycan-deficient hamster. <i>PLoS ONE</i> , 2018, 13, e0202838.	1.1	14
149	Midterm Clinical Outcomes of the St Jude Medical Epic Porcine Bioprosthesis in the Mitral Position. <i>Circulation Journal</i> , 2018, 83, 110-116.	0.7	10
150	Intravital imaging with two-photon microscopy reveals cellular dynamics in the ischemia-reperfused rat heart. <i>Scientific Reports</i> , 2018, 8, 15991.	1.6	28
151	Maturation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes by Soluble Factors from Human Mesenchymal Stem Cells. <i>Molecular Therapy</i> , 2018, 26, 2681-2695.	3.7	135
152	Effect of the Initial Strategy for Active Endocarditis Complicated With Acute Heart Failure. <i>Circulation Journal</i> , 2018, 82, 2896-2904.	0.7	1
153	Development of a vitrification method for preserving human myoblast cell sheets for myocardial regeneration therapy. <i>BMC Biotechnology</i> , 2018, 18, 56.	1.7	21
154	Building a new strategy for treating heart failure using Induced Pluripotent Stem Cells. <i>Journal of Cardiology</i> , 2018, 72, 445-448.	0.8	24
155	Multiple coronary stenting negatively affects myocardial recovery after coronary bypass grafting. <i>General Thoracic and Cardiovascular Surgery</i> , 2018, 66, 446-455.	0.4	2
156	Impella 5.0 as a Bridge to Implantable Left Ventricular Assist Device—First Clinical Case in Japan—. <i>Circulation Journal</i> , 2018, 82, 2923-2924.	0.7	7
157	Relationship Between Bacteremia and Hemorrhagic Stroke in Patients With Continuous-Flow Left Ventricular Assist Device. <i>Circulation Journal</i> , 2018, 82, 448-456.	0.7	33
158	Definitive Determinant of Late Significant Tricuspid Regurgitation After Aortic Valve Replacement. <i>Circulation Journal</i> , 2018, 82, 886-894.	0.7	12
159	Generation of Fabry cardiomyopathy model for drug screening using induced pluripotent stem cell-derived cardiomyocytes from a female Fabry patient. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 256-265.	0.9	21
160	Skeletal myoblast sheet transplantation enhanced regional improvement of cardiac function. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 828-829.	0.5	7
161	A Lesson From the Thalidomide Tragedy—&The Past Is Never Dead. It's Not Even Past.&—William Faulkner, From &Requiem for a Nun&. <i>Circulation Journal</i> , 2018, 82, 2250-2252.	0.7	3
162	The Adaptive Remodeling of the Anterior Mitral Leaflet and Chordae Tendineae Is Associated with Mitral Valve Function in Advanced Ischemic and Nonischemic Dilated Cardiomyopathy. <i>International Heart Journal</i> , 2018, 59, 959-967.	0.5	12

#	ARTICLE	IF	CITATIONS
163	Phenotypic Screening Using Patient-Derived Induced Pluripotent Stem Cells Identified Pyr3 as a Candidate Compound for the Treatment of Infantile Hypertrophic Cardiomyopathy. <i>International Heart Journal</i> , 2018, 59, 1096-1105.	0.5	13
164	Silent Native-valve Endocarditis Caused by <i>Propionibacterium acnes</i> . <i>Internal Medicine</i> , 2018, 57, 2417-2420.	0.3	8
165	Intravital Imaging of the Heart at the Cellular Level Using Two-Photon Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1763, 145-151.	0.4	3
166	Adipose tissue-derived multi-lineage progenitor cells improve left ventricular dysfunction in porcine ischemic cardiomyopathy model. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 237-239.	0.3	6
167	The impact of age on the postoperative response of the diastolic function and left ventricular mass regression after surgical or transcatheter aortic valve replacement for severe aortic stenosis. <i>Surgery Today</i> , 2017, 47, 770-776.	0.7	4
168	Right Ventricular Outflow Tract Obstruction Due to Immunoglobulin G4-Related Disease. <i>Annals of Thoracic Surgery</i> , 2017, 103, e235-e237.	0.7	12
169	Curative surgery for gastric cancer in a patient with an implantable left ventricular assist device. <i>Journal of Artificial Organs</i> , 2017, 20, 170-173.	0.4	11
170	Development of a practical sandwich assay to detect human pluripotent stem cells using cell culture media. <i>Regenerative Therapy</i> , 2017, 6, 1-8.	1.4	7
171	Risk Index for Postoperative Acute Kidney Injury After Valvular Surgery Using Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2017, 104, 868-875.	0.7	28
172	Xenopericardial patch repair of the inferior vena cava for radical resection of renal cell carcinoma with tumor thrombus. <i>Journal of Surgical Oncology</i> , 2017, 116, 775-782.	0.8	3
173	Reinforced mitral valve replacement using a xenopericardium collared prosthetic valve for a heavily calcified or disrupted mitral annulus: a simple "Dumpling technique". <i>Surgery Today</i> , 2017, 47, 895-898.	0.7	8
174	Non-occlusive mesenteric ischemia in a patient with left ventricular assist device implantation. <i>Journal of Artificial Organs</i> , 2017, 20, 277-279.	0.4	3
175	Phase I Clinical Trial of Autologous Stem Cell Sheet Transplantation Therapy for Treating Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	142
176	Biodegradable vs Nonbiodegradable Cardiac Support Device for Treating Ischemic Cardiomyopathy in a Canine Heart. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 51-61.	0.4	11
177	Human Pluripotent Stem Cell-Derived Cardiac Tissue-like Constructs for Repairing the Infarcted Myocardium. <i>Stem Cell Reports</i> , 2017, 9, 1546-1559.	2.3	107
178	Engraftment and morphological development of vascularized human iPS cell-derived 3D-cardiomyocyte tissue after xenotransplantation. <i>Scientific Reports</i> , 2017, 7, 13708.	1.6	26
179	Midventricular Obstruction Caused by Abnormal Intra-Left Ventricular Septum and Papillary Muscles. <i>Annals of Thoracic Surgery</i> , 2017, 104, e247-e249.	0.7	2
180	Prevalence of Cerebral Microbleeds in Patients With Continuous-Flow Left Ventricular Assist Devices. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	43

#	ARTICLE	IF	CITATIONS
181	Enhanced Therapeutic Effects of Human iPS Cell Derived-Cardiomyocyte by Combined Cell-Sheets with Omental Flap Technique in Porcine Ischemic Cardiomyopathy Model. <i>Scientific Reports</i> , 2017, 7, 8824.	1.6	90
182	Libman-Sacks Endocarditis Due to Systemic Lupus Erythematosus Activation After Mitral Valve Plasty. <i>Annals of Thoracic Surgery</i> , 2017, 104, e109-e111.	0.7	3
183	Irradiation strongly reduces tumorigenesis of human induced pluripotent stem cells. <i>Journal of Radiation Research</i> , 2017, 58, 430-438.	0.8	14
184	Histone Modification Is Correlated With Reverse Left Ventricular Remodeling in Nonischemic Dilated Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1531-1539.	0.7	29
185	Visualization of vortex flow and shear stress in the aortic root during left ventricular assist device support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 877-878.e1.	0.4	8
186	Preoperative determination of artificial chordae length with 320-slice computed tomographic images. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1634-1637.	0.4	9
187	Layered smooth muscle cell-endothelial progenitor cell sheets derived from the bone marrow augment postinfarction ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 955-963.	0.4	16
188	Redo coronary bypass grafting for congenital left main coronary atresia: a case report. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 26.	0.4	7
189	Treatment of simultaneously discovered lung cancer and cardiovascular disease: a 20-year single-institution experience. <i>Surgery Today</i> , 2017, 47, 726-732.	0.7	7
190	Quantity and quality of graft flow in coronary artery bypass grafting is associated with cardiac computed tomography study-based anatomical and functional parameters. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 909-916.	0.6	9
191	Influence of coronary architecture on the variability in myocardial infarction induced by coronary ligation in rats. <i>PLoS ONE</i> , 2017, 12, e0183323.	1.1	16
192	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
193	Mitral Valve Structure in Addition to Myocardial Viability Determines the Outcome of Functional Mitral Regurgitation After Coronary Artery Bypass Grafting. <i>Circulation Journal</i> , 2017, 81, 1620-1627.	0.7	9
194	Predictors and Clinical Impact of Functional Mitral Stenosis Induced by Restrictive Annuloplasty for Ischemic and Functional Mitral Regurgitation. <i>Circulation Journal</i> , 2017, 81, 1832-1838.	0.7	11
195	Recent Surgical Results for Active Endocarditis Complicated With Perivalvular Abscess. <i>Circulation Journal</i> , 2017, 81, 1721-1729.	0.7	16
196	Evaluation of right ventricular function using liver stiffness in patients with left ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 715-721.	0.6	20
197	Quantification of sympathetic hyperinnervation and denervation after myocardial infarction by three-dimensional assessment of the cardiac sympathetic network in cleared transparent murine hearts. <i>PLoS ONE</i> , 2017, 12, e0182072.	1.1	40
198	Molecular Mechanism Underlying Heterotaxy and Cardiac Isomerism. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2017, 33, 349-361.	0.0	1

#	ARTICLE	IF	CITATIONS
199	Angiogenic Therapy for Ischemic Cardiomyopathy with Cell Sheet Technology. , 2017, , 99-108.		0
200	Building A New Treatment For Heart Failure-Transplantation of Induced Pluripotent Stem Cell-derived Cells into the Heart. Current Gene Therapy, 2016, 16, 5-13.	0.9	23
201	Generation of Induced Pluripotent Stem Cells From Patients With Duchenne Muscular Dystrophy and Their Induction to Cardiomyocytes. International Heart Journal, 2016, 57, 112-117.	0.5	26
202	Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia. PLoS ONE, 2016, 11, e0161334.	1.1	22
203	Skeletal Myoblast Cell Sheet Implantation Ameliorates Both Systolic and Diastolic Cardiac Performance in Canine Dilated Cardiomyopathy Model. Transplantation, 2016, 100, 295-302.	0.5	13
204	Teratocarcinomas Arising from Allogeneic Induced Pluripotent Stem Cell-Derived Cardiac Tissue Constructs Provoked Host Immune Rejection in Mice. Scientific Reports, 2016, 6, 19464.	1.6	27
205	Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering. Cytotherapy, 2016, 18, 510-517.	0.3	17
206	Cardiomyocytes Derived from MHC-Homozygous Induced Pluripotent Stem Cells Exhibit Reduced Allogeneic Immunogenicity in MHC-Matched Non-human Primates. Stem Cell Reports, 2016, 6, 312-320.	2.3	115
207	Sirtuin1 Regulates the Stem Cell Therapeutic Effects on Regenerative Capability for Treating Severe Heart Failure in a Juvenile Animal Model. Annals of Thoracic Surgery, 2016, 102, 803-812.	0.7	6
208	Brentuximab vedotin for CD30-positive tumours. Lancet Oncology, The, 2016, 17, e371.	5.1	2
209	Laminin±2-secreting fibroblasts enhance the therapeutic effect of skeletal myoblast sheets. European Journal of Cardio-thoracic Surgery, 2016, 51, ezw296.	0.6	7
210	Symptomatic peripheral artery disease is associated with decreased long-term survival after coronary artery bypass: a contemporary retrospective analysis. Surgery Today, 2016, 46, 1334-1340.	0.7	5
211	Expandable progenitors from induced pluripotent stem cells. Nature Reviews Cardiology, 2016, 13, 574-574.	6.1	5
212	The Paracrine Effect of Skeletal Myoblasts is Cardioprotective against Oxidative Stress and Involves EGFR-ErbB4 Signaling, Cystathionase, and the Unfolded Protein Response. Cell Transplantation, 2016, 25, 55-69.	1.2	17
213	Development of vascularized iPSC derived 3D-cardiomyocyte tissues by filtration Layer-by-Layer technique and their application for pharmaceutical assays. Acta Biomaterialia, 2016, 33, 110-121.	4.1	106
214	Annular dynamics after mitral valve repair with different prosthetic rings: A real-time three-dimensional transesophageal echocardiography study. Surgery Today, 2016, 46, 1083-1090.	0.7	11
215	Improved clinical course of autologous skeletal myoblast sheet (TCD-51073) transplantation when compared to a propensity score-matched cardiac resynchronization therapy population. Journal of Artificial Organs, 2016, 19, 80-86.	0.4	22
216	Preliminary report on the cost effectiveness of ventricular assist devices. Journal of Artificial Organs, 2016, 19, 37-43.	0.4	12

#	ARTICLE	IF	CITATIONS
217	Diabetes Mellitus Impairs Left Ventricular Mass Regression after Surgical or Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis. <i>Heart Lung and Circulation</i> , 2016, 25, 68-74.	0.2	19
218	Building a bridge to recovery: the pathophysiology of LVAD-induced reverse modeling in heart failure. <i>Surgery Today</i> , 2016, 46, 149-154.	0.7	28
219	Development of PET Imaging to Visualize Activated Macrophages Accumulated in the Transplanted iPSc-Derived Cardiac Myocytes of Allogeneic Origin for Detecting the Immune Rejection of Allogeneic Cell Transplants in Mice. <i>PLoS ONE</i> , 2016, 11, e0165748.	1.1	19
220	Anemia Is a Risk Factor of New Intraoperative Hemorrhagic Stroke During Valve Surgery for Endocarditis. <i>Annals of Thoracic Surgery</i> , 2015, 100, 16-23.	0.7	14
221	Cardioprotective effects on ischemic myocardium induced by SVYGLR peptide via its angiogenic-promoting activity. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 162-171.	1.6	1
222	Tricuspid Annular Dynamics Before and After Tricuspid Annuloplasty—Three-Dimensional Transesophageal Echocardiography. <i>Circulation Journal</i> , 2015, 79, 873-879.	0.7	14
223	Novel Method of Evaluating Liver Stiffness Using Transient Elastography to Evaluate Perioperative Status in Severe Heart Failure. <i>Circulation Journal</i> , 2015, 79, 391-397.	0.7	26
224	In Vivo Assessment of Novel Stentless Valve in the Mitral Position. <i>Circulation Journal</i> , 2015, 79, 553-559.	0.7	3
225	Structural Changes in N-Glycans on Induced Pluripotent Stem Cells Differentiating Toward Cardiomyocytes. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1258-1264.	1.6	20
226	Functional and Electrical Integration of Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Myocardial Infarction Rat Heart. <i>Cell Transplantation</i> , 2015, 24, 2479-2489.	1.2	58
227	Comparison of Arrhythmogenicity and Proinflammatory Activity Induced by Intramyocardial or Epicardial Myoblast Sheet Delivery in a Rat Model of Ischemic Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0123963.	1.1	17
228	Adipose stem cell sheets improved cardiac function in the rat myocardial infarction, but did not alter cardiac contractile responses to Î²-adrenergic stimulation. <i>Biomedical Research</i> , 2015, 36, 11-19.	0.3	22
229	Interleukin-6/interleukin-21 signaling axis is critical in the pathogenesis of pulmonary arterial hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2677-86.	3.3	174
230	Safety and Efficacy of Autologous Skeletal Myoblast Sheets (TCD-51073) for the Treatment of Severe Chronic Heart Failure Due to Ischemic Heart Disease. <i>Circulation Journal</i> , 2015, 79, 991-999.	0.7	144
231	CD30-targeting immunoconjugates and bystander effects. <i>Nature Reviews Clinical Oncology</i> , 2015, 12, 245-245.	12.5	8
232	Eliminating residual iPSc cells for safety in clinical application. <i>Protein and Cell</i> , 2015, 6, 469-471.	4.8	10
233	A Tissue-Engineered Chondrocyte Cell Sheet Induces Extracellular Matrix Modification to Enhance Ventricular Biomechanics and Attenuate Myocardial Stiffness in Ischemic Cardiomyopathy. <i>Tissue Engineering - Part A</i> , 2015, 21, 2515-2525.	1.6	11
234	Improvement of cardiac function after implanting the osteopontin-derived peptide SVYGLR in a hamster model of dilated cardiomyopathy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 21, 506-514.	0.5	12

#	ARTICLE	IF	CITATIONS
235	Urgent transcatheter aortic valve replacement for severe aortic valve stenosis with acute decompensated heart failure: report of a case. <i>Surgery Today</i> , 2015, 45, 911-914.	0.7	6
236	Cell-sheet Therapy With Omentopexy Promotes Arteriogenesis and Improves Coronary Circulation Physiology in Failing Heart. <i>Molecular Therapy</i> , 2015, 23, 374-386.	3.7	43
237	Dynamic Nano-Interfaces Enable Harvesting of Functional 3D-Engineered Tissues. <i>Advanced Healthcare Materials</i> , 2015, 4, 1164-1168.	3.9	10
238	Off-pump coronary artery bypass grafting via median sternotomy in a patient with a history of esophagectomy with substernal gastric tube reconstruction: report of a case. <i>Surgery Today</i> , 2015, 45, 1190-1193.	0.7	1
239	Xenotransplantation of Bone Marrow-Derived Human Mesenchymal Stem Cell Sheets Attenuates Left Ventricular Remodeling in a Porcine Ischemic Cardiomyopathy Model. <i>Tissue Engineering - Part A</i> , 2015, 21, 2272-2280.	1.6	29
240	Hemodynamic changes during left ventricular assist device-off test correlate with the degree of cardiac fibrosis and predict the outcome after device explantation. <i>Journal of Artificial Organs</i> , 2015, 18, 27-34.	0.4	14
241	A sustained-release drug-delivery system of synthetic prostacyclin agonist, ONO-1301SR: a new reagent to enhance cardiac tissue salvage and/or regeneration in the damaged heart. <i>Heart Failure Reviews</i> , 2015, 20, 401-413.	1.7	14
242	Effects of tolvaptan in the early postoperative stage after heart valve surgery: results of the STAR (Study of Tolvaptan for fluid retention AfteR valve surgery) trial. <i>Surgery Today</i> , 2015, 45, 1542-1551.	0.7	19
243	Propensity-matched analysis of minimally invasive mitral valve repair using a nationwide surgical database. <i>Surgery Today</i> , 2015, 45, 1144-1152.	0.7	38
244	SVVYGLR motif of the thrombin-cleaved N-terminal osteopontin fragment enhances the synthesis of collagen type III in myocardial fibrosis. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 191-203.	1.4	31
245	B-type natriuretic peptide response and reverse left ventricular remodeling after surgical correction of functional mitral regurgitation in patients with advanced cardiomyopathy. <i>Journal of Cardiology</i> , 2015, 66, 279-285.	0.8	17
246	Dilated left atrium as a predictor of late outcome after pulmonary vein isolation concomitant with aortic valve replacement and/or coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 765-777.	0.6	25
247	N-Glycans: Phenotypic Homology and Structural Differences between Myocardial Cells and Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>PLoS ONE</i> , 2014, 9, e111064.	1.1	14
248	Coronary Artery Bypass Grafting in a Patient Initially Presenting with Systemic Lupus Erythematosus. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2014, 20, 414-417.	0.3	3
249	Emerging innovation towards safety in the clinical application of ESCs and iPSCs. <i>Nature Reviews Cardiology</i> , 2014, 11, 553-554.	6.1	13
250	Restrictive mitral annuloplasty with or without surgical ventricular reconstruction in ischaemic cardiomyopathy: impacts on neurohormonal activation, reverse left ventricular remodelling and survival. <i>European Journal of Heart Failure</i> , 2014, 16, 189-200.	2.9	12
251	Initial experience of EVAHEART explantation after continuous-flow LVAD off test with percutaneous occlusion balloon. <i>Journal of Artificial Organs</i> , 2014, 17, 366-369.	0.4	3
252	Development of a prostacyclin-agonist-eluting aortic stent graft enhancing biological attachment to the aortic wall. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2325-2334.e1.	0.4	7

#	ARTICLE	IF	CITATIONS
253	Optimal coronary artery bypass grafting strategy for acute coronary syndrome. <i>General Thoracic and Cardiovascular Surgery</i> , 2014, 62, 357-363.	0.4	8
254	Functional and pathological characteristics of reversible remodeling in a canine right ventricle in response to volume overloading and volume unloading. <i>Surgery Today</i> , 2014, 44, 1935-1945.	0.7	5
255	Initial experience in Japan with HeartWare ventricular assist system. <i>Journal of Artificial Organs</i> , 2014, 17, 149-156.	0.4	9
256	Factors affecting a dilated ascending aorta in patients with bicuspid aortic valve: the relevance of valve anatomy, body size and age. <i>Surgery Today</i> , 2014, 44, 1483-1489.	0.7	3
257	Addition of Mesenchymal Stem Cells Enhances the Therapeutic Effects of Skeletal Myoblast Cell-Sheet Transplantation in a Rat Ischemic Cardiomyopathy Model. <i>Tissue Engineering - Part A</i> , 2014, 20, 140103055133005.	1.6	35
258	Tissue Inhibitor of Metalloproteinase-1 and -3 Improves Cardiac Function in an Ischemic Cardiomyopathy Model Rat. <i>Tissue Engineering - Part A</i> , 2014, 20, 3073-3084.	1.6	29
259	Valve surgery in active endocarditis patients complicated by intracranial haemorrhage: the influence of the timing of surgery on neurological outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 1082-1088.	0.6	54
260	Impact of cardiac support device combined with slow-release prostacyclin agonist in a canine ischemic cardiomyopathy model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1081-1087.	0.4	15
261	Tissue-engineered stent-graft integrates with aortic wall by recruiting host tissue into graft scaffold. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1719-1725.	0.4	15
262	Excitation propagation in three-dimensional engineered hearts using decellularized extracellular matrix. <i>Biomaterials</i> , 2014, 35, 7839-7850.	5.7	46
263	Human Cardiac Stem Cells With Reduced Notch Signaling Show Enhanced Therapeutic Potential in a Rat Acute Infarction Model. <i>Circulation Journal</i> , 2014, 78, 222-231.	0.7	13
264	Targeted Delivery of Adipocytokines Into the Heart by Induced Adipocyte Cell-Sheet Transplantation Yields Immune Tolerance and Functional Recovery in Autoimmune-Associated Myocarditis in Rats. <i>Circulation Journal</i> , 2014, 79, 169-179.	0.7	11
265	Improvement of Cardiac Stem Cell Sheet Therapy for Chronic Ischemic Injury by Adding Endothelial Progenitor Cell Transplantation: Analysis of Layer-Specific Regional Cardiac Function. <i>Cell Transplantation</i> , 2014, 23, 1305-1319.	1.2	23
266	Regulating ES or Induced Pluripotent Stem Cells by Innate Lymphoid Cells. <i>Transplantation</i> , 2014, 98, e38-e39.	0.5	0
267	From bench to bedside, work in cell-based myocardial regeneration therapy. <i>Journal of Biomedical Science and Engineering</i> , 2014, 07, 86-103.	0.2	1
268	Efficacy of landiolol hydrochloride for atrial fibrillation after open heart surgery. <i>Heart and Vessels</i> , 2013, 28, 490-496.	0.5	12
269	Impact of cardiac stem cell sheet transplantation on myocardial infarction. <i>Surgery Today</i> , 2013, 43, 970-976.	0.7	21
270	Atrial fibrillation occurring early after cardiovascular surgery: impact of the surgical procedure. <i>Surgery Today</i> , 2013, 43, 1134-1139.	0.7	4

#	ARTICLE	IF	CITATIONS
271	Successful treatment of a large primary cardiac lymphoma by surgical resection combined with chemotherapy: report of a case. <i>Surgery Today</i> , 2013, 43, 1066-1070.	0.7	6
272	The one-knot technique: a simple modification of the loop technique for mitral valve repair. <i>Surgery Today</i> , 2013, 43, 705-707.	0.7	3
273	Successful management of complex open heart surgery in a patient with Child-Pugh class C liver cirrhosis: report of a case. <i>Surgery Today</i> , 2013, 43, 335-338.	0.7	3
274	A slow-releasing form of prostacyclin agonist (ONO1301SR) enhances endogenous secretion of multiple cardiotherapeutic cytokines and improves cardiac function in a rapid-pacing-induced model of canine heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 413-421.	0.4	13
275	Prediction of outcome in patients with liver dysfunction after left ventricular assist device implantation. <i>Journal of Artificial Organs</i> , 2013, 16, 404-410.	0.4	7
276	Synthetic prostacyclin agonist, ONO1301, enhances endogenous myocardial repair in a hamster model of dilated cardiomyopathy: A promising regenerative therapy for the failing heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1516-1525.	0.4	24
277	Rupture of Valsalva Sinus After Aortic Root Replacement With Freestyle Stentless Bioprosthesis. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1074-1076.	0.7	5
278	Initial report of bridge to recovery in a patient with DuraHeart LVAD. <i>Journal of Artificial Organs</i> , 2013, 16, 386-388.	0.4	9
279	Transplantation of myoblast sheets that secrete the novel peptide SVVYGLR improves cardiac function in failing hearts. <i>Cardiovascular Research</i> , 2013, 99, 102-110.	1.8	26
280	Present and Future Perspectives on Cell Sheet-Based Myocardial Regeneration Therapy. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	44
281	Surgical Treatment of Coronary Arteriovenous Fistulas and Aortic Valve Insufficiency. <i>Journal of Cardiac Surgery</i> , 2013, 28, 380-382.	0.3	1
282	Spatially Oriented, Temporally Sequential Smooth Muscle Cell-Endothelial Progenitor Cell Bi-Level Cell Sheet Neovascularizes Ischemic Myocardium. <i>Circulation</i> , 2013, 128, S59-68.	1.6	43
283	Enhanced Survival of Transplanted Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes by the Combination of Cell Sheets With the Pedicled Omental Flap Technique in a Porcine Heart. <i>Circulation</i> , 2013, 128, S87-94.	1.6	175
284	In Vivo Differentiation of Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Circulation Journal</i> , 2013, 77, 1297-1306.	0.7	50
285	Myocardial Layer-Specific Effect of Myoblast Cell-Sheet Implantation Evaluated by Tissue Strain Imaging. <i>Circulation Journal</i> , 2013, 77, 1063-1072.	0.7	18
286	DuraHeart TM ; Magnetically Levitated Left Ventricular Assist Device. <i>Circulation Journal</i> , 2013, 77, 1736-1741.	0.7	19
287	Cell Sheet Technology for Heart Failure. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 61-66.	0.9	0
288	Impact of microRNA Expression in Human Atrial Tissue in Patients with Atrial Fibrillation Undergoing Cardiac Surgery. <i>PLoS ONE</i> , 2013, 8, e73397.	1.1	47

#	ARTICLE	IF	CITATIONS
289	Cell Sheet Technology for Heart Failure. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 61-66.	0.9	6
290	Sustained-Release Delivery of Prostacyclin Analogue Enhances Bone Marrow-Cell Recruitment and Yields Functional Benefits for Acute Myocardial Infarction in Mice. <i>PLoS ONE</i> , 2013, 8, e69302.	1.1	17
291	Cell sheet technology for heart failure. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 61-6.	0.9	14
292	Bioengineered Myocardium Derived from Induced Pluripotent Stem Cells Improves Cardiac Function and Attenuates Cardiac Remodeling Following Chronic Myocardial Infarction in Rats. <i>Stem Cells Translational Medicine</i> , 2012, 1, 430-437.	1.6	77
293	Tissue- and Plasma-specific MicroRNA Signatures for Atherosclerotic Abdominal Aortic Aneurysm. <i>Journal of the American Heart Association</i> , 2012, 1, e000745.	1.6	142
294	Frequency, Risk Factors and Prognosis of Postoperative Hyperbilirubinemia after Heart Valve Surgery. <i>Cardiology</i> , 2012, 122, 12-19.	0.6	28
295	Myoblast Sheet Can Prevent the Impairment of Cardiac Diastolic Function and Late Remodeling After Left Ventricular Restoration in Ischemic Cardiomyopathy. <i>Transplantation</i> , 2012, 93, 1108-1115.	0.5	22
296	Coronary Artery Bypass Grafting in Hemodialysis-Dependent Patients. <i>Circulation Journal</i> , 2012, 76, 1115-1120.	0.7	36
297	Predictor of Early Mortality for Severe Heart Failure Patients With Left Ventricular Assist Device Implantation. <i>Circulation Journal</i> , 2012, 76, 1631-1638.	0.7	75
298	Initial Experience of Conversion of Toyobo Paracorporeal Left Ventricular Assist Device to DuraHeart Left Ventricular Assist Device. <i>Circulation Journal</i> , 2012, 76, 372-376.	0.7	23
299	Impact of Early Surgical Treatment on Postoperative Neurologic Outcome for Active Infective Endocarditis Complicated by Cerebral Infarction. <i>Annals of Thoracic Surgery</i> , 2012, 94, 489-496.	0.7	66
300	Mitral Valve Repair for Medically Refractory Functional Mitral Regurgitation in Patients With End-Stage Renal Disease and Advanced Heart Failure. <i>Circulation</i> , 2012, 126, S205-13.	1.6	17
301	Transplantation of elastin-secreting myoblast sheets improves cardiac function in infarcted rat heart. <i>Molecular and Cellular Biochemistry</i> , 2012, 368, 203-214.	1.4	15
302	Feasibility, Safety, and Therapeutic Efficacy of Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Sheets in a Porcine Ischemic Cardiomyopathy Model. <i>Circulation</i> , 2012, 126, S29-37.	1.6	421
303	Intracoronary artery transplantation of cardiomyoblast-like cells from human adipose tissue-derived multi-lineage progenitor cells improve left ventricular dysfunction and survival in a swine model of chronic myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 859-865.	1.0	18
304	Recovery of right heart function with temporary right ventricular assist using a centrifugal pump in patients with severe biventricular failure. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 858-864.	0.3	52
305	Activated Protein C Has a Protective Effect against Myocardial I/R Injury by Improvement of Endothelial Function and Activation of AKT1. <i>PLoS ONE</i> , 2012, 7, e38738.	1.1	13
306	The extent of early left ventricular reverse remodelling is related to midterm outcomes after restrictive mitral annuloplasty in patients with non-ischaemic dilated cardiomyopathy and functional mitral regurgitation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 506-511.	0.6	19

#	ARTICLE	IF	CITATIONS
307	Effects of patient movement on measurements of myocardial blood flow and viability in resting 15O-water PET studies. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 524-533.	1.4	29
308	Tissue engineered myoblast sheets improved cardiac function sufficiently to discontinue LVAS in a patient with DCM: report of a case. <i>Surgery Today</i> , 2012, 42, 181-184.	0.7	298
309	Implantation of a Jarvik 2000 left ventricular assist device as a bridge to eligibility for refractory heart failure with renal dysfunction. <i>Journal of Artificial Organs</i> , 2012, 15, 83-86.	0.4	5
310	Exchange of DuraHeart left ventricular assist device via a subcostal approach. <i>Journal of Artificial Organs</i> , 2012, 15, 87-89.	0.4	4
311	Cardiac Surgery in Patients with Gilbert's Syndrome. <i>Journal of Cardiac Surgery</i> , 2012, 27, 60-61.	0.3	8
312	Left Ventricular Mechanics Following Restrictive Mitral Annuloplasty for Functional Mitral Regurgitation: Two-Dimensional Speckle Tracking Echocardiographic Study. <i>Echocardiography</i> , 2012, 29, 445-450.	0.3	5
313	Failed Depiction of Patent Bypass Graft Due to Presence of Large Lateral Costal Artery. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2012, 18, 275-277.	0.3	0
314	Experimental Pig Model of Old Myocardial Infarction with Long Survival Leading to Chronic Left Ventricular Dysfunction and Remodeling as Evaluated by PET. <i>Journal of Nuclear Medicine</i> , 2011, 52, 761-768.	2.8	29
315	Biventricular support using implantable continuous-flow ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 475-478.	0.3	56
316	Fibrosis in endstage human heart failure: Severe changes in collagen metabolism and MMP/TIMP profiles. <i>International Journal of Cardiology</i> , 2011, 151, 18-33.	0.8	125
317	Establishing New Porcine Ischemic Cardiomyopathy Model by Transcatheter Ischemia-Reperfusion of the Entire Left Coronary Artery System for Preclinical Experimental Studies. <i>Transplantation</i> , 2011, 92, e34-e35.	0.5	6
318	Left Ventricular Basal Myocardial Scarring Detected by Delayed Enhancement Magnetic Resonance Imaging Predicts Outcomes After Surgical Therapies for Patients With Ischemic Mitral Regurgitation and Left Ventricular Dysfunction. <i>Circulation Journal</i> , 2011, 75, 148-156.	0.7	14
319	Novel regenerative therapy using cell-sheet covered with omentum flap delivers a huge number of cells in a porcine myocardial infarction model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1188-1196.	0.4	69
320	Tissue-Engineered Cardiac Constructs for Cardiac Repair. <i>Annals of Thoracic Surgery</i> , 2011, 91, 320-329.	0.7	61
321	Restrictive Mitral Annuloplasty With or Without Surgical Ventricular Restoration in Ischemic Dilated Cardiomyopathy With Severe Mitral Regurgitation. <i>Circulation</i> , 2011, 124, S107-S114.	1.6	7
322	Induced Adipocyte Cell-Sheet Ameliorates Cardiac Dysfunction in a Mouse Myocardial Infarction Model. <i>Circulation</i> , 2011, 124, S10-7.	1.6	59
323	Does Stringent Restrictive Annuloplasty for Functional Mitral Regurgitation Cause Functional Mitral Stenosis and Pulmonary Hypertension?. <i>Circulation</i> , 2011, 124, S97-106.	1.6	50
324	Advanced left-atrial fibrosis is associated with unsuccessful maze operation for valvular atrial fibrillation. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 61-69.	0.6	43

#	ARTICLE	IF	CITATIONS
325	Allogenic Skeletal Myoblast Transplantation in Acute Myocardial Infarction Model Rats. Transplantation, 2011, 91, 425-431.	0.5	7
326	Impaired Myocardium Regeneration With Skeletal Cell Sheets—A Preclinical Trial for Tissue-Engineered Regeneration Therapy. Transplantation, 2010, 90, 364-372.	0.5	118
327	Risk Factor Analysis of Long-Term Support With Left Ventricular Assist System. Circulation Journal, 2010, 74, 715-722.	0.7	49
328	The first clinical case in Japan of destination therapy using the Jarvik 2000 left ventricular assist device. Journal of Artificial Organs, 2010, 13, 170-173.	0.4	4
329	Impact of surgical ventricular reconstruction for ischemic dilated cardiomyopathy on restrictive filling pattern. General Thoracic and Cardiovascular Surgery, 2010, 58, 399-404.	0.4	6
330	Impact of untreated mild-to-moderate mitral regurgitation at the time of isolated aortic valve replacement on late adverse outcomes†. European Journal of Cardio-thoracic Surgery, 2010, 37, 1033-1038.	0.6	34
331	Assessment of Changes in Mitral Valve Configuration With Multidetector Computed Tomography. Circulation, 2010, 122, S29-36.	1.6	25
332	Cardiomyoblast-like Cells Differentiated from Human Adipose Tissue-Derived Mesenchymal Stem Cells Improve Left Ventricular Dysfunction and Survival in a Rat Myocardial Infarction Model. Tissue Engineering - Part C: Methods, 2010, 16, 417-425.	1.1	60
333	Cardiac fibrosis and cellular hypertrophy decrease the degree of reverse remodeling and improvement in cardiac function during left ventricular assist. Journal of Heart and Lung Transplantation, 2010, 29, 672-679.	0.3	61
334	Layered implantation of myoblast sheets attenuates adverse cardiac remodeling of the infarcted heart. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 985-993.	0.4	93
335	Skeletal myoblast sheet transplantation improves the diastolic function of a pressure-overloaded right heart. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 460-467.	0.4	77
336	Impact of synovial membrane-derived stem cell transplantation in a rat model of myocardial infarction. Journal of Artificial Organs, 2009, 12, 187-193.	0.4	11
337	Ventricular assist device infection necessitating device exchange following extensive myocardial resection. Journal of Artificial Organs, 2009, 12, 271-273.	0.4	4
338	Combined autologous cellular cardiomyoplasty using skeletal myoblasts and bone marrow cells for human ischemic cardiomyopathy with left ventricular assist system implantation: Report of a case. Surgery Today, 2009, 39, 133-136.	0.7	31
339	Coronary Microcirculatory Dysfunction in Aortic Stenosis: Myocardial Contrast Echocardiography Study. Annals of Thoracic Surgery, 2009, 87, 715-719.	0.7	19
340	Newly Developed Tissue-Engineered Material for Reconstruction of Vascular Wall Without Cell Seeding. Annals of Thoracic Surgery, 2009, 88, 1269-1276.	0.7	29
341	Hemofiltration for hyperbilirubinemia after left ventricular assist system implantation: Report of four cases. Surgery Today, 2008, 38, 747-750.	0.7	2
342	Allogenic mesenchymal stem cell transplantation has a therapeutic effect in acute myocardial infarction in rats. Journal of Molecular and Cellular Cardiology, 2008, 44, 662-671.	0.9	115

#	ARTICLE	IF	CITATIONS
343	Combined Strategy Using Myoblasts and Hepatocyte Growth Factor in Dilated Cardiomyopathic Hamsters. <i>Annals of Thoracic Surgery</i> , 2007, 84, 134-141.	0.7	16
344	Preoperative Assessment of Congestive Liver Dysfunction Using Technetium-99m Galactosyl Human Serum Albumin Liver Scintigraphy in Patients with Severe Valvular Heart Disease. <i>Surgery Today</i> , 2007, 37, 564-569.	0.7	12
345	Angiogenic Gene Cell Therapy using Suicide Gene System Regulates the Effect of Angiogenesis in Infarcted Rat Heart. <i>Transplantation</i> , 2006, 81, 902-907.	0.5	9
346	Grafted skeletal myoblast sheets attenuate myocardial remodeling in pacing-induced canine heart failure model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 918-924.	0.4	150
347	Longer preservation of cardiac performance by sheet-shaped myoblast implantation in dilated cardiomyopathic hamsters. <i>Cardiovascular Research</i> , 2006, 69, 466-475.	1.8	162
348	Tissue Cardiomyoplasty Using Bioengineered Contractile Cardiomyocyte Sheets to Repair Damaged Myocardium: Their Integration with Recipient Myocardium. <i>Transplantation</i> , 2005, 80, 1586-1595.	0.5	191
349	Reorganization of cytoskeletal proteins and prolonged life expectancy caused by hepatocyte growth factor in a hamster model of late-phase dilated cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 295-302.	0.4	14
350	Combined autologous cellular cardiomyoplasty with skeletal myoblasts and bone marrow cells in canine hearts for ischemic cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 646-653.	0.4	74
351	Repair of impaired myocardium by means of implantation of engineered autologous myoblast sheets. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 1333-1341.	0.4	317
352	Myocardial protective effect of FR167653; a novel cytokine inhibitor in ischemic-reperfused rat heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 974-980.	0.6	17
353	Mycotic aneurysm of the infrarenal abdominal aorta infected by <i>Clostridium septicum</i> : A case report of surgical management and review of the literature. <i>Journal of Vascular Surgery</i> , 2003, 38, 847-851.	0.6	47
354	Myocardial Regeneration Therapy for Heart Failure. <i>Circulation</i> , 2002, 105, 2556-2561.	1.6	163
355	Analysis of sympathetic nerve activity in end-stage cardiomyopathy patients receiving left ventricular support. <i>Journal of Heart and Lung Transplantation</i> , 2001, 20, 1181-1187.	0.3	23
356	Dissecting thoracoabdominal aortic aneurysm associated with an isolated right-sided aortic arch. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 614-616.	0.6	3
357	Multiple mycotic arch-thoraco-abdominal aortic aneurysms: a successful case of in situ graft replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 184-186.	0.6	5
358	Application of Ultra Short Acting Beta Blockade (Esmolol) in Pediatric Open Heart Surgery: A Trial in Total Anomalous Pulmonary Venous Return. <i>Journal of Cardiac Surgery</i> , 1996, 11, 411-415.	0.3	6