

Hitoshi Yaku

List of Publications by Year in descending order

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Version: 2024-02-01

226
papers

2,894
citations

201575

27
h-index

233338

45
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234
all docs

234
docs citations

234
times ranked

2937
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Delivery of Basic Fibroblast Growth Factor Promotes Human Cardiosphere-Derived Cell Engraftment to Enhance Cardiac Repair for Chronic Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1858-1865.	1.2	213
2	JCS/JSCS/JATS/JSVS 2020 Guidelines on the Management of Valvular Heart Disease. <i>Circulation Journal</i> , 2020, 84, 2037-2119.	0.7	150
3	Early Outcome of a Randomized Comparison of Off-Pump and On-Pump Multiple Arterial Coronary Revascularization. <i>Circulation</i> , 2005, 112, 1338-43.	1.6	104
4	Blood flow analysis of the aortic arch using computational fluid dynamics. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1578-1585.	0.6	104
5	Label-free biochemical imaging of heart tissue with high-speed spontaneous Raman microscopy. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 370-374.	1.0	87
6	Expanded polytetrafluoroethylene conduits and patches with bulging sinuses and fan-shaped valves in right ventricular outflow tract reconstruction: Multicenter study in Japan. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1122-1129.	0.4	87
7	Human cardiac stem cells exhibit mesenchymal features and are maintained through Akt/GSK-3 β signaling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 635-641.	1.0	83
8	Development of an in vivo tissue-engineered, autologous heart valve (the biovalve): Preparation of a prototype model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 152-159.	0.4	76
9	Differentiation from embryonic stem cells to vascular wall cells under in vitro pulsatile flow loading. <i>Journal of Artificial Organs</i> , 2005, 8, 110-118.	0.4	75
10	Expanded polytetrafluoroethylene valved conduit and patch with bulging sinuses in right ventricular outflow tract reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 327-332.	0.4	73
11	New imaging tools in cardiovascular medicine: computational fluid dynamics and 4D flow MRI. <i>General Thoracic and Cardiovascular Surgery</i> , 2017, 65, 611-621.	0.4	63
12	Long-term outcomes of expanded polytetrafluoroethylene conduits with bulging sinuses and a fan-shaped valve in right ventricular outflow tract reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2567-2576.	0.4	57
13	Optimal timing of surgery for active infective endocarditis with cerebral complications: a Japanese multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 374-382.	0.6	52
14	Autologous small-caliber biotube vascular grafts with argatroban loading: A histomorphological examination after implantation to rabbits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 236-242.	1.6	48
15	Development of a Completely Autologous Valved Conduit With the Sinus of Valsalva Using In-Body Tissue Architecture Technology. <i>Circulation</i> , 2010, 122, S100-6.	1.6	47
16	Local elasticity imaging of vascular tissues using a tactile mapping system. <i>Journal of Artificial Organs</i> , 2009, 12, 40-46.	0.4	39
17	Long-term animal implantation study of biotube autologous small-caliber vascular graft fabricated by in-body tissue architecture. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 98B, 120-126.	1.6	38
18	JCS/JSCVS 2018 Guideline on Revascularization of Stable Coronary Artery Disease. <i>Circulation Journal</i> , 2022, 86, 477-588.	0.7	38

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19	Smaller-Sized Expanded Polytetrafluoroethylene Conduits With a Fan-Shaped Valve and Bulging Sinuses for Right Ventricular Outflow Tract Reconstruction. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1336-1344.	0.7	36
20	Preoperative Chronic Kidney Disease as a Strong Predictor of Postoperative Infection and Mortality After Coronary Artery Bypass Grafting. <i>Circulation Journal</i> , 2014, 78, 2225-2231.	0.7	34
21	Label-free Evaluation of Myocardial Infarct in Surgically Excised Ventricular Myocardium by Raman Spectroscopy. <i>Scientific Reports</i> , 2018, 8, 14671.	1.6	33
22	Flow-dynamics assessment of mitral-valve surgery by intraoperative vector flow mapping. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 869-875.	0.5	32
23	Development of biotube vascular grafts incorporating cuffs for easy implantation. <i>Journal of Artificial Organs</i> , 2007, 10, 10-15.	0.4	30
24	Perioperative Amino Acid Infusion Improves Recovery and Shortens the Duration of Hospitalization After Off-Pump Coronary Artery Bypass Grafting. <i>Anesthesia and Analgesia</i> , 2006, 103, 1386-1393.	1.1	29
25	Implantation study of small-caliber biotube vascular grafts in a rat model. <i>Journal of Artificial Organs</i> , 2013, 16, 59-65.	0.4	28
26	Label-Free Evaluation of Myocardial Infarction and Its Repair by Spontaneous Raman Spectroscopy. <i>Analytical Chemistry</i> , 2014, 86, 6903-6910.	3.2	28
27	The off-pump technique in redo coronary artery bypass grafting reduces mortality and major morbidities: propensity score analysis of data from the Japan Cardiovascular Surgery Database. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 299-308.	0.6	28
28	Development of the wing-attached rod for acceleration of biotube vascular grafts fabrication in vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 83B, 240-247.	1.6	23
29	Architecture of an in vivo-tissue engineered autologous conduit Biovalve. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 86B, 1-8.	1.6	23
30	In vivo evaluation of an in-body, tissue-engineered, completely autologous valved conduit (biovalve) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	23
31	Redo coronary artery bypass grafting. <i>General Thoracic and Cardiovascular Surgery</i> , 2014, 62, 453-460.	0.4	23
32	First Successful Clinical Application of the In Vivo Tissue-Engineered Autologous Vascular Graft. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1387-1390.	0.7	22
33	Label-free detection of myocardial ischaemia in the perfused rat heart by spontaneous Raman spectroscopy. <i>Scientific Reports</i> , 2017, 7, 42401.	1.6	22
34	Identification of exercise-induced left ventricular systolic and diastolic dysfunction using gated SPECT in patients with coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2004, 11, 152-158.	1.4	21
35	Continuous Thrombus in the Right and Left Atria Penetrating the Patent Foramen Ovalis. <i>Circulation</i> , 2005, 112, e143-4.	1.6	21
36	Impact of diabetes mellitus on outcomes in Japanese patients undergoing coronary artery bypass grafting. <i>Journal of Cardiology</i> , 2012, 59, 275-284.	0.8	20

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37	Computational fluid dynamics simulation of the right subclavian artery cannulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 480-487.	0.4	20
38	Left Ventricular Outflow Tract Obstruction Due to Anomalous Insertion of Papillary Muscle. <i>Circulation Journal</i> , 2004, 68, 1219-1222.	0.7	19
39	Preparation of in-vivo tissue-engineered valved conduit with the sinus of Valsalva (type IV biovalve). <i>Journal of Artificial Organs</i> , 2010, 13, 106-112.	0.4	19
40	Risk scores for predicting mortality after surgical ventricular reconstruction for ischemic cardiomyopathy: Results of a Japanese multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1868-1874.e2.	0.4	19
41	Safety and Efficacy of Sequential Left Internal Thoracic Artery Grafting to Left Circumflex Area. <i>Annals of Thoracic Surgery</i> , 2016, 102, 766-773.	0.7	19
42	Histopathologic Analysis of Explanted Polytetrafluoroethylene-Valved Pulmonary Conduits. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 990-999.	0.4	19
43	Chimney reconstruction of the aortic arch in the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, e51-e54.	0.4	18
44	Deep sternal wound infection after bilateral internal thoracic artery grafting: Insights from a Japanese national database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 166-173.e1.	0.4	18
45	Importance of cerebral artery risk evaluation before off-pump coronary artery bypass grafting to avoid perioperative stroke. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 568-572.	0.6	17
46	A nationwide survey of aortic valve surgery in Japan: current status of valve preservation in cases with aortic regurgitation. <i>General Thoracic and Cardiovascular Surgery</i> , 2017, 65, 429-434.	0.4	17
47	Does Age at Operation Influence the Short- and Long-Term Outcomes of Off-Pump Coronary Artery Bypass Grafting?. <i>Circulation Journal</i> , 2015, 79, 2177-2185.	0.7	16
48	Ventricular volume and myocardial viability, evaluated using cardiac magnetic resonance imaging, affect long-term results after surgical ventricular reconstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 704-712.	0.6	16
49	Pulmonary Arterial Reconstruction for Pulmonary Coarctation in Early Infancy. <i>Annals of Thoracic Surgery</i> , 2007, 83, 188-192.	0.7	15
50	Impact of left ventricular remodelling on outcomes after left ventriculoplasty for ischaemic cardiomyopathy: Japanese surgical ventricular reconstruction group experience. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 785-791.	0.5	15
51	Estimating postoperative left ventricular volume: Identification of responders to surgical ventricular reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 2088-2096.e3.	0.4	15
52	Preparation of a completely autologous trileaflet valve-shaped construct by in-body tissue architecture technology. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 813-818.	1.6	14
53	Valve-Sparing Neo-aortic Root Replacement Late After the Norwood and Fontan Procedures. <i>Annals of Thoracic Surgery</i> , 2015, 99, 309-312.	0.7	14
54	Late Results of Half-Turned Truncal Switch Operation for Transposition of the Great Arteries. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1421-1428.	0.7	14

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55	Faster and stronger vascular "Biotube" graft fabrication <i>in vivo</i> using a novel nicotine-containing mold. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 412-420.	1.6	13
56	Water-soluble argatroban for antithrombogenic surface coating of tissue-engineered cardiovascular tissues. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 420-430.	1.6	13
57	Modification of expanded polytetrafluoroethylene valved conduit using the thin-type leaflets. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1629-1636.e3.	0.4	13
58	Papillary Fibroelastoma of the Aortic Valve: Evaluation with Transesophageal Echocardiography and Magnetic Resonance Imaging. <i>International Heart Journal</i> , 2003, 44, 799-803.	0.6	13
59	Therapeutic Potential of Stem/Progenitor Cells in Human Skeletal Muscle for Cardiovascular Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2007, 2, 293-300.	0.6	12
60	High risk factors for valvular heart disease from dopamine agonists in patients with Parkinson's disease. <i>Journal of Neural Transmission</i> , 2009, 116, 171-178.	1.4	12
61	Double-decker repair of partial anomalous pulmonary venous return into the superior vena cava. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1970-1977.	0.4	12
62	<i>In vitro</i> maturation of "Biotube" vascular grafts induced by a 2-day pulsatile flow loading. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 320-328.	1.6	11
63	A completely autologous valved conduit prepared in the open form of trileaflets (type VI biovalve): Mold design and valve function <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 135-141.	1.6	11
64	Comparison of the Long-Term Outcomes of Mechanical and Bioprosthetic Aortic Valves: A Propensity Score Analysis. <i>Circulation Journal</i> , 2017, 81, 1198-1206.	0.7	11
65	Histology and Mechanics of <i>In Vivo</i> Tissue-Engineered Vascular Graft for Children. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1050-1054.	0.7	11
66	Influences of mitral annuloplasty on left ventricular flow dynamics assessed with 3-dimensional cine phase-contrast flow magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 947-959.	0.4	11
67	Prediction for future occurrence of type A aortic dissection using computational fluid dynamics. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 384-391.	0.6	11
68	Assessment of biventricular hemodynamics and energy dynamics using lumen-tracking 4D flow MRI without contrast medium. <i>Journal of Cardiology</i> , 2021, 78, 79-87.	0.8	11
69	Internal mammary artery grafting in a neonate for coronary hypoperfusion after arterial switch. <i>Annals of Thoracic Surgery</i> , 1997, 64, 543-544.	0.7	10
70	In-body optical stimulation formed connective tissue vascular grafts, "Biotubes," with many capillaries and elastic fibers. <i>Journal of Artificial Organs</i> , 2010, 13, 235-240.	0.4	10
71	Early stenosis of an aortic porcine bioprosthesis due to thrombosis: Case report and literature review. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, e83-e86.	0.4	10
72	Early outcomes and computational fluid dynamic analyses of chimney reconstruction in the Norwood procedure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 252-259.	0.5	10

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73	Long-term results of large-calibre expanded polytetrafluoroethylene-valved conduits with bulging sinuses. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1274-1280.	0.6	10
74	An Operative Case of Inferior Vena Cava Stenosis Due to Fibrosis Around Permanent Pacemaker Leads. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002, 25, 223-225.	0.5	9
75	One-stage unifocalization followed by staged Fontan operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 416-417.	0.5	9
76	A Novel Surgical Technique for Right-Sided Interrupted Aortic Arch by Interposition of a Pulmonary Autograft Tube. <i>Annals of Thoracic Surgery</i> , 2016, 102, e125-e127.	0.7	9
77	Flow Energy Loss Evaluation in a Systolic Anterior Motion Case After the Ross Procedure. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 2118-2122.	0.6	9
78	Use of an expanded polytetrafluoroethylene valved patch with a sinus in right ventricular outflow tract reconstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 671-678.	0.6	9
79	Development of xenogeneic decellularized biotubes for off-the-shelf applications. <i>Artificial Organs</i> , 2019, 43, 773-779.	1.0	9
80	Early effects of transcatheter aortic valve replacement on cardiac sympathetic nervous function assessed by 123I-metaiodobenzylguanidine scintigraphy in patients with severe aortic valve stenosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1657-1667.	3.3	9
81	Development of sutureless vascular connecting system for easy implantation of small-caliber artificial grafts. <i>Journal of Artificial Organs</i> , 2005, 8, 119-124.	0.4	8
82	"In Vivo Tissue-Engineered" Valved Conduit With Designed Molds and Laser Processed Scaffold. <i>Journal of Cardiovascular Nursing</i> , 2008, 23, 61-64.	0.6	8
83	3-Tesla magnetic resonance angiographic assessment of a tissue-engineered small-caliber vascular graft implanted in a rat. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 156-160.	1.6	8
84	A Novel Technique of Aortic Root Reconstruction for Extensive Endocarditis: The Pericardial Skirt Technique. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1121-1123.	0.7	8
85	Effects of blood flow dynamics on autologous pericardial degeneration in reconstructed pulmonary arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 293-300.	0.5	8
86	Evaluation using a four-dimensional imaging tool before and after pulmonary valve replacement in a patient with tetralogy of Fallot: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 30.	0.4	8
87	Expanded Polytetrafluoroethylene Conduits With Bulging Sinuses and a Fan-Shaped Valve in Right Ventricular Outflow Tract Reconstruction. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 972-980.	0.4	8
88	Partial Translocation for Repair of Left Ventricular Rupture After Mitral Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2004, 78, 1851-1853.	0.7	7
89	Hemodiafiltration During Cardiac Surgery in Patients on Chronic Hemodialysis. <i>Journal of Cardiac Surgery</i> , 2006, 21, 553-558.	0.3	7
90	Upgrading Redo Coronary Artery Bypass Graft by Recycling In Situ Arterial Graft. <i>Annals of Thoracic Surgery</i> , 2014, 98, 311-314.	0.7	7

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91	Development of tissue-engineered self-expandable aortic stent grafts (Bio stent grafts) using in-body tissue architecture technology in beagles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 381-386.	1.6	7
92	Layered wrapping technique combined with oxidized cellulose and vascular prosthesis for effective haemostasis in aortic surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 276-277.	0.5	7
93	Excess Anterior Mitral Leaflet in a Patient With Hypertrophic Obstructive Cardiomyopathy and Systolic Anterior Motion. <i>Circulation</i> , 2015, 131, 1605-1607.	1.6	7
94	Endocardial linear infarct exclusion technique for infarcted lateral wall. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 24, iw396.	0.5	7
95	Prognostic value of cardiac ¹²³ I-metaiodobenzylguanidine imaging for predicting cardiac events after transcatheter aortic valve replacement. <i>ESC Heart Failure</i> , 2021, 8, 1106-1116.	1.4	7
96	Modifications of the mechanical properties of in vivo tissue-engineered vascular grafts by chemical treatments for a short duration. <i>PLoS ONE</i> , 2021, 16, e0248346.	1.1	7
97	A Case of Iatrogenic Subclavian Artery Injury Successfully Treated with Endovascular Procedures. <i>Annals of Vascular Diseases</i> , 2011, 4, 53-55.	0.2	7
98	A novel technique for removal of permanent pacemaker leads. <i>General Thoracic and Cardiovascular Surgery</i> , 2004, 52, 75-77.	0.4	6
99	Does off-pump coronary artery bypass grafting beneficially affect renal function?. <i>ANZ Journal of Surgery</i> , 2005, 75, 675-679.	0.3	6
100	Partial left ventriculectomy for infantile ischemic cardiomyopathy caused by anomalous origin of the left coronary artery from the pulmonary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 897-899.	0.4	6
101	Sarcoid granulomatous interstitial nephritis and sarcoid abdominal aortic aneurysms. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 1480-1482.	0.4	6
102	Sarcoidosis with double saccular abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2005, 41, 1065.	0.6	6
103	An expanded polytetrafluoroethylene-autologous aortic hybrid valve for right ventricular outflow tract reconstruction in the Ross procedure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2006, 6, 163-166.	0.5	6
104	Off-Pump Pericardiectomy Using an Ultrasonic Scalpel and a Heart Positioner. <i>Asian Cardiovascular and Thoracic Annals</i> , 2007, 15, e69-e71.	0.2	6
105	Brain natriuretic peptide concentration in pericardial fluid is independently associated with atrial fibrillation after off-pump coronary artery bypass surgery. <i>Coronary Artery Disease</i> , 2007, 18, 253-258.	0.3	6
106	Vector Flow Mapping and Impaired Left Ventricular Flow After the Alfieri Stitch. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 211-214.	0.6	6
107	Leaflet-base-preserving truncal valve repair with ethanol-treated autologous pericardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1114-1116.	0.4	6
108	Surgical intervention for ischemic mitral regurgitation: how can we achieve better outcomes?. <i>Surgery Today</i> , 2020, 50, 540-550.	0.7	6

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109	Repair of partial anomalous pulmonary venous connection with a minimal atriotomy. <i>General Thoracic and Cardiovascular Surgery</i> , 2000, 48, 370-372.	0.4	5
110	Impact of Myocardial Angiotensin-Converting Enzyme Activity on Coronary Vascular Resistance and Serum Brain Natriuretic Peptide Concentration in Coronary Bypass Surgery. <i>Circulation Journal</i> , 2003, 67, 379-383.	0.7	5
111	One-stage definitive repair of pulmonary atresia with intact ventricular septum and hypoplastic right ventricle. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 1207-1208.	0.4	5
112	Surgical ventricular restoration based on evaluation of myocardial viability with delayed-enhanced magnetic resonance imaging. <i>General Thoracic and Cardiovascular Surgery</i> , 2007, 55, 149-157.	0.4	5
113	Off-Pump Coronary Artery Bypass Grafting Revisited: Experience and Evidence from Japan. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2013, 19, 83-94.	0.3	5
114	Longitudinal rupturing of a knitted Dacron graft 30 years after its implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 18, 861-863.	0.5	5
115	In Situ Graft Replacement for a Ruptured Abdominal Aortic Aneurysm Infected with <i>Listeria monocytogenes</i> after Endovascular Aneurysm Repair. <i>Annals of Vascular Diseases</i> , 2018, 11, 346-349.	0.2	5
116	Raman Spectroscopic Assessment of Myocardial Viability in Langendorff-Perfused Ischemic Rat Hearts. <i>Acta Histochemica Et Cytochemica</i> , 2021, 54, 65-72.	0.8	5
117	Blood flow energy loss: a predictor for the recovery of left ventricular function after bioprosthetic aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 339-347.	0.5	5
118	Long-Term Outcomes of the Mosaic Aortic Porcine Bioprosthesis in Japan—Results From the Japan Mosaic Valve Long-Term Multicenter Study. <i>Circulation Journal</i> , 2020, 84, 1261-1270.	0.7	5
119	Annuloplasty Ring Size Determines Exercise-Induced Mitral Stenosis Severity after Valve Repair. <i>Journal of Heart Valve Disease</i> , 2015, 24, 744-751.	0.5	5
120	Atrial septal defect repair through limited lateral thoracotomy in children. <i>General Thoracic and Cardiovascular Surgery</i> , 2006, 54, 469-471.	0.4	4
121	Reoperation for prosthetic ventricular septal defect patch endocarditis: long-term results with an autologous atrial septal patch. <i>General Thoracic and Cardiovascular Surgery</i> , 2011, 59, 753-755.	0.4	4
122	Early failure of quadricuspid aortic valve tricuspidization due to dehiscence of approximating coronary cusps. <i>Journal of Echocardiography</i> , 2014, 12, 75-77.	0.4	4
123	Endovascular Repair of Traumatic Aortic Injury Using a Modified, Commercially Available Endograft to Preserve Aortic Arch Branches. <i>Annals of Vascular Surgery</i> , 2014, 28, 1032.e11-1032.e15.	0.4	4
124	Two-Stage Hybrid Repair of Kommerell Diverticulum with Supra-Aortic Debranching. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 134-138.	0.4	4
125	Implantation study of a tissue-engineered self-expanding aortic stent graft (bio stent graft) in a beagle model. <i>Journal of Artificial Organs</i> , 2015, 18, 48-54.	0.4	4
126	Risk model of aortic valve replacement after cardiovascular surgery based on a National Japanese Database. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw247.	0.6	4

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127	Computational fluid dynamics of internal mammary artery–left anterior descending artery anastomoses. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 611-617.	0.5	4
128	Computerized virtual surgery based on computational fluid dynamics simulation for planning coronary revascularization with aortic root replacement in adult congenital heart disease: a case report. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 722-726.	0.4	4
129	Midterm results of pulmonary artery plasty with <i>in vivo</i> tissue-engineered vascular grafts. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 956-959.	0.5	4
130	Long-Term Outcomes of the Mosaic Mitral Porcine Bioprosthesis in Japan—Results From the Japan Mosaic Valve Long-Term Multicenter Study. <i>Circulation Journal</i> , 2022, 86, 449-457.	0.7	4
131	White-Matter Hyperintensities Predict Delirium After Cardiac Surgery. <i>American Journal of Geriatric Psychiatry</i> , 2012, , 1.	0.6	4
132	Off-pump Coronary Artery Bypass Grafting in a Patient with Chronic Myelomonocytic Leukemia. <i>International Heart Journal</i> , 2003, 44, 435-439.	0.6	4
133	Pulmonary Artery Augmentation Using Autologous Vena Cava in Right Heart Bypass Operations. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1143-1145.	0.7	3
134	Renal Outcome in Off-Pump Coronary Artery Bypass Grafting: Predictors for Renal Impairment with Multivariate Analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2007, 2, 192-197.	0.4	3
135	Left Atrial Appendage Collapse as a Sole Feature of Cardiac Tamponade After Cardiac Surgery: A Case Report. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1415.e1-1415.e2.	1.2	3
136	Seven-year outcome of pulmonary valve autograft replacement of the mitral valve in an infant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, e33-e35.	0.4	3
137	Transcatheter arterial embolization for hemorrhage from the inferior epigastric artery injured after stoma construction. <i>Japanese Journal of Radiology</i> , 2011, 29, 144-147.	1.0	3
138	Surgical management of ischemic mitral regurgitation: indications, procedures, and future prospects. <i>General Thoracic and Cardiovascular Surgery</i> , 2013, 61, 497-503.	0.4	3
139	Two-stage hybrid repair for a Kommerell diverticulum in a right-sided aortic arch associated with multivessel coronary disease and atrial septal defect. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 532-534.	0.4	3
140	Usefulness of peripheral arterial signs in the evaluation of aortic regurgitation. <i>Journal of Cardiology</i> , 2017, 69, 769-773.	0.8	3
141	Impact of right ventricular volume and function evaluated using cardiovascular magnetic resonance imaging on outcomes after surgical ventricular reconstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 867-874.	0.6	3
142	Exfoliated Endothelium Identified by Transesophageal Echocardiography During TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e49-e50.	1.1	3
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