Kentaro Hayashida,, Fesc

List of Publications by Citations

211 papers	4,595 citations	35 h-index	62 g-index
257 ext. papers	5,692 ext. citations	3.7 avg, IF	5.01 L-index

#	Paper	IF	Citations
211	Inhalation of hydrogen gas reduces infarct size in the rat model of myocardial ischemia-reperfusion injury. *Biochemical and Biophysical Research Communications*, **2008**, 373, 30-5	3.4	377
210	Transfemoral aortic valve implantation new criteria to predict vascular complications. *JACC: Cardiovascular Interventions*, **2011**, 4, 851-8	5	375
209	Percutaneous transluminal pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary hypertension. *Circulation: Cardiovascular Interventions*, **2012**, 5, 756-62	6	248
208	Sex-related differences in clinical presentation and outcome of transcatheter aortic valve implantation for severe aortic stenosis. *Journal of the American College of Cardiology*, **2012**, 59, 566-71	15.1	143
207	Impact of the Clinical Frailty Scale on Outcomes After Transcatheter Aortic Valve Replacement. *Circulation*, **2017**, 135, 2013-2024	16.7	141
206	Transcatheter aortic valve implantation for patients with severe bicuspid aortic valve stenosis. *Circulation: Cardiovascular Interventions*, **2013**, 6, 284-91	6	125
205	Impact of post-procedural aortic regurgitation on mortality after transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2012**, 5, 1247-56	5	122
204	Prognostic value of chronic kidney disease after transcatheter aortic valve implantation. *Journal of the American College of Cardiology*, **2013**, 62, 869-77	15.1	108
203	Incidence, Predictors, and Mid-Term Outcomes of Possible Leaflet Thrombosis After TAVR. *JACC: Cardiovascular Imaging*, **2016**, 10, 1-1	8.4	94
202	Renal function-based contrast dosing predicts acute kidney injury following transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2013**, 6, 479-86	5	90
201	True percutaneous approach for transfemoral aortic valve implantation using the Prostar XL device: impact of learning curve on vascular complications. *JACC: Cardiovascular Interventions*, **2012**, 5, 207-14	5	89
200	Bone marrow-derived cells contribute to pulmonary vascular remodeling in hypoxia-induced pulmonary hypertension. *Chest*, **2005**, 127, 1793-8	5.3	89
199	Glucocorticoid protects rodent hearts from ischemia/reperfusion injury by activating lipocalin-type prostaglandin D synthase-derived PGD2 biosynthesis. *Journal of Clinical Investigation*, **2009**, 119, 1477-88	15.9	84
198	Impact of CT-guided valve sizing on post-procedural aortic regurgitation in transcatheter aortic valve implantation. *EuroIntervention*, **2012**, 8, 546-55	3.1	74
197	The transaortic approach for transcatheter aortic valve implantation: a valid alternative to the transapical access in patients with no peripheral vascular option. A single center experience. *European Journal of Cardio-thoracic Surgery*, **2013**, 44, 692-700	3	65
196	Are the effects of alpha-glucosidase inhibitors on cardiovascular events related to elevated levels of hydrogen gas in the gastrointestinal tract?. *FEBS Letters*, **2009**, 583, 2157-9	3.8	63
195	Potential mechanism of annulus rupture during transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2013**, 82, E742-6	2.7	60

194	Comparison of Results of Transcatheter Aortic Valve Implantation in Patients With Versus Without Active Cancer. *American Journal of Cardiology*, **2016**, 118, 572-7	3	59
193	Pre-Existing Right Bundle Branch Block Increases Risk for Death After Transcatheter Aortic Valve Replacement With a Balloon-Expandable Valve. *JACC: Cardiovascular Interventions*, **2016**, 9, 2210-2216	5	57
192	Significance of echocardiographic assessment for right ventricular function after balloon pulmonary angioplasty in patients with chronic thromboembolic induced pulmonary hypertension. *American Journal of Cardiology*, **2015**, 115, 256-61	3	54
191	Automated 3-dimensional aortic annular assessment by multidetector computed tomography in transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2013**, 6, 955-64	5	53
190	Impact of preparatory coronary protection in patients at high anatomical risk of acute coronary obstruction during transcatheter aortic valve implantation. *International Journal of Cardiology*, **2016**, 217, 58-63	3.2	52
189	Bone marrow derived cells are involved in the pathogenesis of cardiac hypertrophy in response to pressure overload. *Circulation*, **2007**, 116, 1176-84	16.7	51
188	Direct Comparison of Feasibility and Safety of Transfemoral Versus Transaortic Versus Transapical Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2016**, 9, 2320-2325	5	48
187	Clinical Outcomes Following Transcatheter Aortic Valve Replacement in Asian Population. *JACC: Cardiovascular Interventions*, **2016**, 9, 926-33	5	48
186	Prognostic Value of Hypoalbuminemia After Transcatheter Aortic Valve Implantation (from the Japanese Multicenter OCEAN-TAVI Registry). *American Journal of Cardiology*, **2017**, 119, 770-777	3	46
185	Incidence, Predictors, and Clinical Impact of Prosthesis-Patient Mismatch Following Transcatheter Aortic Valve Replacement in Asian Patients: The OCEAN-TAVI Registry. *JACC: Cardiovascular Interventions*, **2018**, 11, 771-780	5	46
184	JCS/JSCS/JATS/JSVS 2020 Guidelines on the Management of Valvular Heart Disease. *Circulation Journal*, **2020**, 84, 2037-2119	2.9	46
183	Renin-angiotensin system blockade therapy after transcatheter aortic valve implantation. *Heart*, **2018**, 104, 644-651	5.1	43
182	Early and Late Leaflet Thrombosis After Transcatheter Aortic Valve Replacement. *Circulation: Cardiovascular Interventions*, **2019**, 12, e007349	6	42
181	CT imaging before transcatheter aortic valve implantation (TAVI) using variable helical pitch scanning and its diagnostic performance for coronary artery disease. *European Radiology*, **2017**, 27, 1963-1970	8	42
180	Pre-procedural dual antiplatelet therapy in patients undergoing transcatheter aortic valve implantation increases risk of bleeding. *Heart*, **2017**, 103, 361-367	5.1	38
179	Gait Speed Can Predict Advanced Clinical Outcomes in Patients Who Undergo Transcatheter Aortic Valve Replacement: Insights From a Japanese Multicenter Registry. *Circulation: Cardiovascular Interventions*, **2017**, 10,	6	37
178	First direct comparison of clinical outcomes between European and Asian cohorts in transcatheter aortic valve implantation: the Massy study group vs. the PREVAIL JAPAN trial. *Journal of Cardiology*, **2015**, 65, 112-6	3	36
177	Appropriateness ratings of percutaneous coronary intervention in Japan and its association with the trend of noninvasive testing. *JACC: Cardiovascular Interventions*, **2014**, 7, 1000-9	5	35

176	Importance of Geriatric Nutritional Risk Index assessment in patients undergoing transcatheter aortic valve replacement. *American Heart Journal*, **2018**, 202, 68-75	4.9	34
175	Subclinical leaflet thickening and stent frame geometry in self-expanding transcatheter heart valves. *EuroIntervention*, **2017**, 13, e1067-e1075	3.1	34
174	Prognostic Impact of Low-Flow Severe Aortic Stenosis in Small-Body Patients Undergoing TAVR: The OCEAN-TAVI Registry. *JACC: Cardiovascular Imaging*, **2018**, 11, 659-669	8.4	33
173	Is EuroSCORE II better than EuroSCORE in predicting mortality after transcatheter aortic valve implantation?. *Catheterization and Cardiovascular Interventions*, **2013**, 81, 1053-60	2.7	33
172	Expression of cyclin D1 and CDK4 causes hypertrophic growth of cardiomyocytes in culture: a possible implication for cardiac hypertrophy. *Biochemical and Biophysical Research Communications*, **2002**, 296, 274-80	3.4	31
171	Safety and efficacy of minimalist approach in transfemoral transcatheter aortic valve replacement: insights from the Optimized transCathEter vAlvular interventioN-Transcatheter Aortic Valve Implantation (OCEAN-TAVI) registry. *Interactive Cardiovascular and Thoracic Surgery*, **2018**, 26, 420-424	1.8	30
170	Down-regulation of p27Kip1 promotes cell proliferation of rat neonatal cardiomyocytes induced by nuclear expression of cyclin D1 and CDK4. Evidence for impaired Skp2-dependent degradation of p27 in terminal differentiation. *Journal of Biological Chemistry*, **2004**, 279, 50429-36	5.4	30
169	Edoxaban versus Vitamin K Antagonist for Atrial Fibrillation after TAVR. *New England Journal of Medicine*, **2021**, 385, 2150-2160	59.2	30
168	Development and validation of a pre-percutaneous coronary intervention risk model of contrast-induced acute kidney injury with an integer scoring system. *American Journal of Cardiology* , **2015**, 115, 1636-42	3	29
167	Novel method to improve transdermal drug delivery by atmospheric microplasma irradiation. *Biointerphases*, **2015**, 10, 029517	1.8	29
166	Streamlining the learning process for TAVI: Insight from a comparative analysis of the OCEAN-TAVI and the massy registries. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 963-70	2.7	28
165	Impact of Renal Dysfunction on Results of Transcatheter Aortic Valve Replacement Outcomes in a Large Multicenter Cohort. *American Journal of Cardiology*, **2016**, 118, 1888-1896	3	28
164	Comparison of Edwards SAPIEN 3 versus SAPIEN XT in transfemoral transcatheter aortic valve implantation: Difference of valve selection in the real world. *Journal of Cardiology*, **2017**, 69, 565-569	3	27
163	Transcatheter aortic valve replacement outcomes in Japan: Optimized CathEter vAlvular iNtervention (OCEAN) Japanese multicenter registry. *Cardiovascular Revascularization Medicine*, **2019**, 20, 843-851	1.6	26
162	Incidence, Predictors, and Mid-Term Outcomes of Percutaneous Closure Failure After Transfemoral Aortic Valve Implantation Using an Expandable Sheath (from the Optimized Transcatheter Valvular Intervention [OCEAN-TAVI] Registry). *American Journal of Cardiology*, **2017**, 119, 611-617	3	25
161	Elevation of B-Type Natriuretic Peptide at Discharge is Associated With 2-Year Mortality After Transcatheter Aortic Valve Replacement in Patients With Severe Aortic Stenosis: Insights From a Multicenter Prospective OCEAN-TAVI (Optimized Transcatheter Valvular Intervention-Transcatheter Aortic Valve Implantation) Registry. *Journal of the American Heart*	6	25
160	Direct Oral Anticoagulants Versus Vitamin K Antagonists in Patients With Atrial Fibrillation After TAVR. *JACC: Cardiovascular Interventions*, **2020**, 13, 2587-2597	5	24
159	Evaluation of the learning curve for transcatheter aortic valve implantation via the transfemoral approach. *International Journal of Cardiology*, **2016**, 203, 491-7	3.2	24

158	Comparison of multislice computed tomography findings between bicuspid and tricuspid aortic valves before and after transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 323-30	2.7	24
157	Stroke After Percutaneous Coronary Intervention in the Era of Transradial Intervention. *Circulation: Cardiovascular Interventions*, **2018**, 11, e006761	6	22
156	Percutaneous WATCHMAN Left Atrial Appendage Closure for Japanese Patients With Nonvalvular Atrial Fibrillation at Increased Risk of Thromboembolism - First Results From the SALUTE Trial. *Circulation Journal*, **2018**, 82, 2946-2953	2.9	22
155	Comparative data of single versus double proglide vascular preclose technique after percutaneous transfemoral transcatheter aortic valve implantation from the optimized catheter valvular intervention (OCEAN-TAVI) japanese multicenter registry. *Catheterization and Cardiovascular Interventions*, **2017**, 90, E55-E62	2.7	21
154	Prognostic value of liver dysfunction assessed by MELD-XI scoring system in patients undergoing transcatheter aortic valve implantation. *International Journal of Cardiology*, **2017**, 228, 648-653	3.2	20
153	Transcatheter aortic valve implantation in patients of small body size. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 272-80	2.7	20
152	AVJ-514 Trial - Baseline Characteristics and 30-Day Outcomes Following MitraClip Treatment in a Japanese Cohort. *Circulation Journal*, **2017**, 81, 1116-1122	2.9	19
151	Lesion morphological classification by OCT to predict therapeutic efficacy after balloon pulmonary angioplasty in CTEPH. *International Journal of Cardiology*, **2015**, 197, 23-5	3.2	19
150	The feasibility of transcatheter aortic valve implantation using the Edwards SAPIEN 3 for patients with severe bicuspid aortic stenosis. *Journal of Cardiology*, **2017**, 70, 220-224	3	18
149	Transcatheter aortic valve implantation in patients with an extremely small native aortic annulus: The OCEAN-TAVI registry. *International Journal of Cardiology*, **2017**, 240, 126-131	3.2	18
148	Incidence and predictors of coronary obstruction following transcatheter aortic valve implantation in the real world. *Catheterization and Cardiovascular Interventions*, **2017**, 90, 1192-1197	2.7	18
147	Effect of body mass index . *American Journal of Cardiology*, **2015**, 115, 227-33	3	17
146	Prognostic value of aortic root calcification volume on clinical outcomes after transcatheter balloon-expandable aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 1105-13	2.7	17
145	Physical frailty in older people with severe aortic stenosis. *Aging Clinical and Experimental Research*, **2016**, 28, 1081-1087	4.8	16
144	Transfemoral aortic valve implantation in patients with an annulus dimension suitable for either the Edwards valve or the CoreValve. *American Journal of Cardiology*, **2013**, 112, 707-13	3	16
143	Propensity-matched comparison of percutaneous and surgical cut-down approaches in transfemoral transcatheter aortic valve implantation using a balloon-expandable valve. *EuroIntervention*, **2017**, 12, 1954-1961	3.1	16
142	Can we predict postprocedural paravalvular leak after Edwards SAPIEN transcatheter aortic valve implantation?. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 144-51	2.7	15
141	Appropriateness of coronary interventions in Japan by the US and Japanese standards. *American Heart Journal*, **2014**, 168, 854-61.e11	4.9	15

140	Frequency and Consequences of Cognitive Impairmentin Patients Underwent Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2018**, 122, 844-850	3	14
139	Predictive factor and clinical consequence of left bundle-branch block after a transcatheter aortic valve implantation. *International Journal of Cardiology*, **2017**, 227, 25-29	3.2	14
138	Influence of composition on the adhesive strength and initial viscosity of denture adhesives. *Dental Materials Journal*, **2014**, 33, 98-103	2.5	14
137	Impact of catheter-induced iatrogenic coronary artery dissection with or without postprocedural flow impairment: A report from a Japanese multicenter percutaneous coronary intervention registry. *PLoS ONE*, **2018**, 13, e0204333	3.7	14
136	Incidence, predictors, and midterm clinical outcomes of left ventricular obstruction after transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2018**, 92, E288-E298	2.7	13
135	Impact of frailty markers on outcomes after transcatheter aortic valve replacement: insights from a Japanese multicenter registry. *Annals of Cardiothoracic Surgery*, **2017**, 6, 532-537	4.7	13
134	Predictors of 1-Year Mortality After Transcatheter Aortic Valve Implantation in Patients With and Without Advanced Chronic Kidney Disease. *American Journal of Cardiology*, **2017**, 120, 2025-2030	3	12
133	Real-World Use and Appropriateness of Coronary Interventions for Chronic Total Occlusion (from a Japanese Multicenter Registry). *American Journal of Cardiology*, **2015**, 116, 858-64	3	12
132	Barriers Associated With Door-to-Balloon Delay in Contemporary Japanese Practice. *Circulation Journal*, **2017**, 81, 815-822	2.9	12
131	Successful management of annulus rupture in transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2013**, 6, 90-1	5	12
130	Is postdilatation useful after implantation of the Edwards valve?. *Catheterization and Cardiovascular Interventions*, **2015**, 85, 667-76	2.7	12
129	Usefulness of a Simple Clinical Risk Prediction Method, Modified ACEF Score, for Transcatheter Aortic Valve Implantation. *Circulation Journal*, **2015**, 79, 1496-503	2.9	11
128	Transradial complex coronary interventions using a five-in-six system. *Catheterization and Cardiovascular Interventions*, **2011**, 77, 63-8	2.7	11
127	Effect of Serum C-Reactive Protein Level on Admission to Predict Mortality After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2018**, 122, 294-301	3	10
126	Predictors of high cost after percutaneous coronary intervention: A review from Japanese multicenter registry overviewing the influence of procedural complications. *American Heart Journal* , **2017**, 194, 61-72	4.9	10
125	Impact of Subclinical Vascular Complications Detected by Systematic Postprocedural Multidetector Computed Tomography After Transcatheter Aortic Valve Implantation Using Balloon-Expandable Edwards SAPIEN XT Heart Valve. *American Journal of Cardiology*, **2017**, 119, 1100-1105	3	9
124	Prognostic implications of optimal medical therapy in patients undergoing percutaneous coronary intervention for acute coronary syndrome in octogenarians. *Heart and Vessels*, **2015**, 30, 186-92	2.1	9
123	Impact of HAS-BLED score to predict trans femoral transcatheter aortic valve replacement outcomes. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1387-1396	2.7	9

122	Nocturnal intermittent hypoxia and short sleep duration are independently associated with elevated C-reactive protein levels in patients with coronary artery disease. *Sleep Medicine*, **2017**, 29, 29-34	4.6	9
121	Effect of preoperative evaluation by multidetector computed tomography in percutaneous coronary interventions of chronic total occlusions. *International Journal of Cardiology*, **2012**, 156, 76-9	3.2	9
120	Antithrombotic strategies after transcatheter aortic valve implantation: Insights from a network meta-analysis. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E177-E186	2.7	9
119	Sex-Specific Grip Strength After Transcatheter Aortic Valve Replacement in Elderly Patients. *JACC: Cardiovascular Interventions*, **2018**, 11, 100-101	5	8
118	Multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation in a Noonan syndrome patient with hypertrophic obstructive cardiomyopathy. *International Journal of Cardiology*, **2014**, 172, e79-81	3.2	8
117	Angiographic Lesion Complexity Score and In-Hospital Outcomes after Percutaneous Coronary Intervention. *PLoS ONE*, **2015**, 10, e0127217	3.7	8
116	Patients Refusing Transcatheter Aortic Valve Replacement Even Once Have Poorer Clinical Outcomes. *Journal of the American Heart Association*, **2018**, 7, e009195	6	8
115	Importance of combined assessment of skeletal muscle mass and density by computed tomography in predicting clinical outcomes after transcatheter aortic valve replacement. *International Journal of Cardiovascular Imaging*, **2020**, 36, 929-938	2.5	7
114	Delivery balloon-induced ascending aortic dissection: An unusual complication during transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 1338-1341	2.7	7
113	Hospital readmission following transcatheter aortic valve implantation in the real world. *International Journal of Cardiology*, **2018**, 269, 56-60	3.2	7
112	Successful second attempt multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation for an octogenarian with hypertrophic obstructive cardiomyopathy. *International Journal of Cardiology*, **2014**, 176, e131-2	3.2	7
111	Improved renal function in a patient with hypertrophic obstructive cardiomyopathy after multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation. *International Journal of Cardiology*, **2015**, 181, 349-50	3.2	7
110	Meta-analysis Comparing Direct Oral Anticoagulants Versus Vitamin K Antagonists After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2020**, 125, 1102-1107	3	7
109	Update on the clinical impact of mild aortic regurgitation after transcatheter aortic valve implantation: Insights from the Japanese multicenter OCEAN-TAVI registry. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 35-44	2.7	7
108	Transcatheter aortic valve replacement with Evolut R versus Sapien 3 in Japanese patients with a small aortic annulus: The OCEAN-TAVI registry. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E875-E886	2.7	7
107	Prognostic value of pre-procedural left ventricular strain for clinical events after transcatheter aortic valve implantation. *PLoS ONE*, **2018**, 13, e0205190	3.7	7
106	Risk stratification using lean body mass in patients undergoing transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1365-1373	2.7	6
105	"Moving left ventricular obstruction" due to stress cardiomyopathy in a patient with hypertrophic obstructive cardiomyopathy treated with percutaneous transluminal septal myocardial ablation. *International Journal of Cardiology*, **2016**, 202, 194-5	3.2	6

104	Excessive Daytime Sleepiness Is Associated With Depression Scores, But Not With Sleep-Disordered Breathing in Patients With Cardiovascular Diseases. *Circulation Journal*, **2018**, 82, 2175-2183	2.9	6
103	Utility of the reverse wire technique in multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation. *International Journal of Cardiology*, **2014**, 173, e33-4	3.2	6
102	Intracardiac echocardiography for percutaneous closure of atrial septal defects: initial experiences in Japan. *Cardiovascular Intervention and Therapeutics*, **2013**, 28, 368-73	2.5	6
101	Timing of Susceptibility to Mortality and Heart Failure in Patients With Preexisting Atrial Fibrillation After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2017**, 120, 1618-1625	3	6
100	Long-Term Prognostic Value of the Society of Thoracic Surgery Risk Score in Patients Undergoing Transcatheter Aortic Valve Implantation (From the OCEAN-TAVI Registry). *American Journal of Cardiology*, **2021**, 149, 86-94	3	6
99	Impact of underfilling and overfilling in balloon-expandable transcatheter aortic valve implantation assessed by multidetector computed tomography: Insights from the Optimized CathEter vAlvular iNtervention (OCEAN-TAVI) registry. *International Journal of Cardiology*, **2016**, 222, 738-744	3.2	6
98	Calculated plasma volume status and outcomes in patients undergoing transcatheter aortic valve replacement. *ESC Heart Failure*, **2021**, 8, 1990-2001	3.7	6
97	Ankle-brachial pressure index as a predictor of the 2-year outcome after transcatheter aortic valve replacement: data from the Japanese OCEAN-TAVI Registry. *Heart and Vessels*, **2018**, 33, 640-650	2.1	6
96	Current Key Issues in Transcatheter Aortic Valve Replacement Undergoing a Paradigm Shift. *Circulation Journal*, **2019**, 83, 952-962	2.9	5
95	A proctoring system to manage the learning curve associated with the introduction of transcatheter aortic valve implantation in Japan. *Heart and Vessels*, **2018**, 33, 630-639	2.1	5
94	Characteristics and in-hospital outcomes in young patients presenting with acute coronary syndrome treated by percutaneous coronary intervention. *Cardiovascular Intervention and Therapeutics*, **2018**, 33, 154-162	2.5	5
93	Comparison of midterm outcomes of transcatheter aortic valve implantation in patients with and without previous coronary artery bypass grafting. *Heart and Vessels*, **2018**, 33, 1229-1237	2.1	5
92	Aspirin Versus Clopidogrel as Single Antithrombotic Therapy After Transcatheter Aortic Valve Replacement: Insight From the OCEAN-TAVI Registry. *Circulation: Cardiovascular Interventions*, **2021**, 14, e010097	6	5
91	Network Meta-analysis of Surgical Aortic Valve Replacement and Different Transcatheter Heart Valve Systems for Symptomatic Severe Aortic Stenosis. *Canadian Journal of Cardiology*, **2021**, 37, 27-36	3.8	5
90	The MAGGIC risk score predicts mortality in patients undergoing transcatheter aortic valve replacement: sub-analysis of the OCEAN-TAVI registry. *Heart and Vessels*, **2019**, 34, 1976-1983	2.1	4
89	Appropriateness of Transcatheter Aortic Valve Replacement: Insight From the OCEAN-TAVI Registry. *Circulation: Cardiovascular Quality and Outcomes*, **2020**, 13, e006146	5.8	4
88	Short- and Long-term Outcomes in Dialysis Patients Undergoing Transcatheter Aortic Valve Implantation: A Systematic Review and Meta-analysis. *Canadian Journal of Cardiology*, **2020**, 36, 1754-1763	3.8	4
87	Impact of beta blockers on patients undergoing transcatheter aortic valve replacement: the OCEAN-TAVI registry. *Open Heart*, **2020**, 7,	3	4

86	Clinical risk model for predicting 1-year mortality after transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E544-E551	2.7	4
85	The Impact of Baseline Thrombocytopenia on Late Bleeding and Mortality After Transcatheter Aortic Valve Implantation (From the Japanese Multicenter OCEAN-TAVI Registry). *American Journal of Cardiology*, **2021**, 141, 86-92	3	4
84	Double balloon aortic valvuloplasty in TAVI era: insight from intracardiac echocardiography and multidetector computed tomography findings. *Journal of Invasive Cardiology*, **2014**, 26, E95-7	0.7	4
83	Is elevation of N-terminal pro-B-type natriuretic peptide at discharge associated with 2-year composite endpoint of all-cause mortality and heart failure hospitalisation after transcatheter aortic valve implantation? Insights from a multicentre prospective OCEAN-TAVI registry in Japan. *BMJ Open*, **2018**, 8, e021468	3	3
82	Multidisciplinary approach to the treatment of cardiac AA amyloidosis and aortic stenosis due to Castleman's disease: a hybrid therapy with tocilizumab and aortic valve replacement. *International Journal of Cardiology*, **2014**, 173, e9-e11	3.2	3
81	Coexistence of two distinct fascinating cardiovascular disorders: heterotaxy syndrome with left ventricular non-compaction and vasospastic angina. *International Journal of Cardiology*, **2014**, 174, e54-6	3.2	3
80	The incidence, predictive factors and prognosis of acute pulmonary complications after transcatheter aortic valve implantation. *Interactive Cardiovascular and Thoracic Surgery*, **2017**, 25, 191-197	1.8	3
79	Inhalation of hydrogen gas reduces infarct size in the rat model of myocardial ischemia-reperfusion injury. *Journal of Cardiac Failure*, **2008**, 14, S168	3.3	3
78	Treatment and prevention of aortic regurgitation after transcatheter aortic valve implantation. *EuroIntervention*, **2012**, 8 Suppl Q, Q34-40	3.1	3
77	The Predictors of Peri-Procedural and Sub-Acute Cerebrovascular Events Following TAVR from OCEAN-TAVI Registry. *Cardiovascular Revascularization Medicine*, **2020**, 21, 732-738	1.6	3
76	Cost-Effectiveness of Transcatheter Aortic Valve Implantation Using a Balloon-Expandable Valve in Japan: Experience From the Japanese Pilot Health Technology Assessment. *Value in Health Regional Issues*, **2020**, 21, 82-90	1.6	3
75	Significant reduction of left atrial volume concomitant with clinical improvement after percutaneous transluminal septal myocardial ablation for drug-refractory hypertrophic obstructive cardiomyopathy, and its precise detection with multidetector CT. *Open Heart*, **2016**, 3, e000359	3	3
74	Intensive statin therapy stabilizes C-reactive protein, but not chemokine in stable coronary artery disease treated with an everolimus-eluting stent. *Coronary Artery Disease*, **2016**, 27, 405-11	1.4	3
73	Malnutrition among elderly patients with severe aortic stenosis. *Aging Clinical and Experimental Research*, **2020**, 32, 373-379	4.8	3
72	Prognostic impact and periprocedural complications of chronic steroid therapy in patients following transcatheter aortic valve replacement: Propensity-matched analysis from the Japanese OCEAN registry. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 793-802	2.7	3
71	C-REACTIVE PROTEIN IN NON-ST ELEVATION MYOCARDIAL INFARCTION PATIENTS IS USEFUL IN IMPROVING DISCRIMINATION OF CONVENTIONAL RISK SCORE: A REPORT FROM MULTICENTER PCI REGISTRY. *Journal of the American College of Cardiology*, **2017**, 69, 294	15.1	2
70	Can we perform rotational atherectomy in patients with severe aortic stenosis? Substudy from the OCEAN TAVI Registry. *Cardiovascular Revascularization Medicine*, **2017**, 18, 356-360	1.6	2
69	A novel technique to avoid perforation of the right ventricle by the temporary pacing lead during transcatheter aortic valve implantation. *Cardiovascular Intervention and Therapeutics*, **2021**, 36, 347-354	2.5	2

68	Cerebral Infarction after Transcatheter Aortic Valve Implantation in Japan: Retrospective Analysis at a Single High-Volume Center. *Journal of Stroke and Cerebrovascular Diseases*, **2019**, 28, 104455	2.8	2
67	Late Adverse Cardiorenal Events of Catheter Procedure-Related Acute Kidney Injury After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2020**, 133, 89-97	3	2
66	Incidence and predictors of prosthesis-patient mismatch after TAVI using SAPIEN 3 in Asian: differences between the newer and older balloon-expandable valve. *Open Heart*, **2021**, 8,	3	2
65	Comparison of long-term mortality in patients who underwent transcatheter aortic valve replacement with or without anti-atherosclerotic therapy. *Heart and Vessels*, **2021**, 36, 1892-1902	2.1	2
64	Prognostic impact of postprocedure stroke volume in patients with low-gradient aortic stenosis. *Open Heart*, **2019**, 6, e000988	3	2
63	Association between valvuloarterial impedance after transcatheter aortic valve implantation and 2-year mortality in elderly patients with severe symptomatic aortic stenosis: the OCEAN-TAVI registry. *Heart and Vessels*, **2019**, 34, 1031-1039	2.1	2
62	Predictors and Prognostic Impact of Nutritional Changes After Transcatheter Aortic Valve Replacement. *Cardiovascular Revascularization Medicine*, **2021**, 23, 68-76	1.6	2
61	Clinical Outcomes of Subcutaneous and Visceral Adipose Tissue Characteristics Assessed in Patients Underwent Transcatheter Aortic Valve Replacement. *CJC Open*, **2021**, 3, 142-151	2	2
60	Reasons for Not Performing Low-Dose Dobutamine Stress Echocardiography in Patients with Classical Low-Flow, Low-Gradient Severe Aortic Stenosis Before Transcatheter Aortic Valve Replacement: The Optimized Transcatheter Valvular Intervention-Transcatheter Aortic Valve Implantation Registry. *Journal of the American Society of Echocardiography*, **2018**, 31, 1366-1368	5.8	2
59	Sex differences in patients undergoing transcatheter aortic valve replacement in Asia. *Open Heart*, **2021**, 8,	3	2
58	Spontaneous Regression of Possible Transcatheter Aortic Valve Thrombosis Without Additional Anticoagulant: Two-Year Follow-Up. *Journal of Invasive Cardiology*, **2017**, 29, E64	0.7	2
57	Modified transiliac artery approach for transcatheter aortic valve implantation. *Cardiovascular Intervention and Therapeutics*, **2017**, 32, 196-198	2.5	1
56	Response to Letter Regarding Article, "Hydrogen Inhalation During Normoxic Resuscitation Improves Neurological Outcome in a Rat Model of Cardiac Arrest Independently of Targeted Temperature Management". *Circulation*, **2015**, 132, e148	16.7	1
55	Impact of pre-procedural hyponatremia on clinical outcomes after transcatheter aortic valve replacement: A propensity-matched analysis. *Catheterization and Cardiovascular Interventions*, **2018**, 92, E125-E134	2.7	1
54	"Dual role" guiding catheter: a new technique for patients requiring coronary protection during transcatheter aortic valve implantation. *Cardiovascular Intervention and Therapeutics*, **2016**, 31, 131-5	2.5	1
53	Effective Cibenzoline Treatment in a Patient With Midventricular Obstruction After Transcatheter Aortic Valve Implantation. *Circulation: Heart Failure*, **2016**, 9, e002629	7.6	1
52	Aortic stenosis with right-sided aortic arch treated with transfemoral aortic valve implantation. *Cardiovascular Intervention and Therapeutics*, **2019**, 34, 70-71	2.5	1
51	Aortic aneurysm: an independent predictor of a looped brachiocephalic trunk in patients undergoing transradial coronary angiography. *Coronary Artery Disease*, **2013**, 24, 602-5	1.4	1

50	Asia Pacific TAVI registry (an APSIC initiative): initial report of early outcomes: Asia Pacific TAVI registry.. *AsiaIntervention*, **2021**, 7, 54-59	0.1	1
49	The Prevalence of Clinically Significant Ischemia in Patients Undergoing Percutaneous Coronary Intervention: A Report from the Multicenter Registry. *PLoS ONE*, **2015**, 10, e0133568	3.7	1
48	Preoperative Instrumental Activities of Daily Living Predicts Survival After Transcatheter Aortic Valve Implantation. *Circulation Reports*, **2020**, 2, 83-88	0.7	1
47	PatientsRcharacteristics and mortality in urgent/emergent/salvage transcatheter aortic valve replacement: insight from the OCEAN-TAVI registry. *Open Heart*, **2020**, 7,	3	1
46	Academic Research Consortium High Bleeding Risk Criteria associated with 2-year bleeding events and mortality after transcatheter aortic valve replacement discharge: a Japanese Multicentre Prospective OCEAN-TAVI Registry Study. *European Heart Journal Open*,		1
45	Sex differences in sleep and psychological disturbances among patients admitted for cardiovascular diseases.. *Sleep and Breathing*, **2022**, 1	3.1	1
44	Impact of diabetes mellitus on outcome after transcatheter aortic valve replacement: Identifying high-risk diabetic population from the OCEAN-TAVI registry. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E1058-E1065	2.7	1
43	Frequent nightmares and its associations with psychological and sleep disturbances in hospitalized patients with cardiovascular diseases. *European Journal of Cardiovascular Nursing*, **2021**, 20, 421-427	3.3	1
42	Changes in the nutritional and activity status of elderly patients within 6 months of transcatheter aortic valve replacement: A mixed methods approach. *Japan Journal of Nursing Science*, **2020**, 17, e12305	1.7	1
41	Small Left Ventricle and Clinical Outcomes After Transcatheter Aortic Valve Replacement. *Journal of the American Heart Association*, **2021**, 10, e019543	6	1
40	Late kidney injury after transcatheter aortic valve replacement. *American Heart Journal*, **2021**, 234, 122-130	4.9	1
39	Statin therapy for patients with aortic stenosis who underwent transcatheter aortic valve implantation: a report from a Japanese multicentre registry. *BMJ Open*, **2021**, 11, e044319	3	1
38	Clinical Outcomes in Patients Treated With a Repositionable and Fully Retrievable Aortic Valve - REPRISE Japan Study. *Circulation Journal*, **2021**, 85, 991-1000	2.9	1
37	Swallowing Dysfunction and Postoperative Pneumonia in Elderly Patients Undergoing Transcatheter Aortic Valve Implantation. *Topics in Geriatric Rehabilitation*, **2016**, 32, 114-118	0.7	1
36	Rebuttal: Comparison of multislice computed tomography findings between bicuspid and tricuspid aortic valves before and after transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2016**, 88, 498-9	2.7	1
35	1-Year Follow-Up of Contained Aortic Root Rupture After Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2016**, 9, 295-296	5	1
34	Previously implanted mitral surgical prosthesis in patients undergoing transcatheter aortic valve implantation: Procedural outcome and morphologic assessment using multidetector computed tomography. *PLoS ONE*, **2019**, 14, e0226512	3.7	1
33	Clinical outcomes of transcatheter aortic valve implantation (TAVI) in nonagenarians from the optimized catheter valvular intervention-TAVI registry. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E113-E120	2.7	1

32	Evaluation of the incidence, timing, and potential recovery rates of complete atrioventricular block after transcatheter aortic valve implantation: a Japanese multicenter registry study. *Cardiovascular Intervention and Therapeutics*, **2021**, 36, 246-255	2.5	1
31	Activities of daily living among elderly persons with severe aortic stenosis. *Disability and Rehabilitation*, **2021**, 43, 338-344	2.4	1
30	Independent and cumulative association of clinical and morphological heart failure with long-term outcome after percutaneous coronary intervention. *Journal of Cardiology*, **2021**, 77, 41-47	3	1
29	Successfully managed access-site complication was not associated with worse outcome after percutaneous transfemoral transcatheter aortic valve implantation: Up-to-date insights from the OCEAN-TAVI registry. *Cardiovascular Revascularization Medicine*, **2021**,	1.6	1
28	One-year outcomes of the pivotal clinical trial of a balloon-expandable transcatheter aortic valve implantation in Japanese dialysis patients. *Journal of Cardiology*, **2021**, 78, 533-541	3	1
27	Prognostic Value of Ventricular-Arterial Coupling After Transcatheter Aortic Valve Replacement on Midterm Clinical Outcomes. *Journal of the American Heart Association*, **2021**, 10, e019267	6	1
26	Influence of polyvascular disease on clinical outcome in patients undergoing transcatheter aortic valve implantation via transfemoral access. *PLoS ONE*, **2021**, 16, e0260385	3.7	1
25	Clinical Impact of Preprocedural Moderate or Severe Mitral Regurgitation on Outcomes After Transcatheter Aortic Valve Replacement. *Canadian Journal of Cardiology*, **2020**, 36, 1112-1120	3.8	0
24	Exploring Triaging and Short-Term Outcomes of Early Invasive Strategy in Non-ST Segment Elevation Acute Coronary Syndrome: A Report from Japanese Multicenter Registry. *Journal of Clinical Medicine*, **2020**, 9,	5.1	0
23	In-Stent Dissection Causes No Flow During Percutaneous Coronary Intervention. *JACC: Cardiovascular Interventions*, **2016**, 9, 102-103	5	0
22	Silent Valsalva thrombus between the native Valsalva and balloon-expandable transcatheter heart valve: multicentre Japanese registry analysis. *EuroIntervention*, **2019**, 15, 892-899	3.1	0
21	Percutaneous Aortic Valve Intervention in Patients Scheduled for Noncardiac Surgery: A Japanese Multicenter Study. *Cardiovascular Revascularization Medicine*, **2020**, 21, 621-628	1.6	0
20	Identification of Anemia for Predicting Mid-Term Prognosis After Transcatheter Aortic Valve Implantation in Japanese Patients - Insights From the OCEAN-TAVI Registry. *Circulation Reports*, **2021**, 3, 286-293	0.7	0
19	Effect of Sex on Mortality and Left Ventricular Remodeling After Transcatheter Aortic Valve Implantation. *Circulation Journal*, **2021**, 85, 979-988	2.9	0
18	Asian Pacific Society of Cardiology Consensus Recommendations on the Use of MitraClip for Mitral Regurgitation. *European Cardiology Review*, **2021**, 16, e25	3.9	0
17	Degree of dyspnoea in patients with non-ST-elevation acute coronary syndrome: A report from Japanese multicenter registry. *International Journal of Clinical Practice*, **2016**, 70, 978-987	2.9	0
16	Midterm outcomes after the rescue THV-in-THV procedure: Insights from the multicenter prospective OCEAN-TAVI registry. *Catheterization and Cardiovascular Interventions*, **2021**, 97, 701-711	2.7	0
15	Transcatheter Mitral Valve Repair Effective and Safe for Refractory Eclipsed Mitral Regurgitation-Induced Cardiogenic Shock: A Case Report. *Circulation: Cardiovascular Imaging*, **2021**, 14, e012641	3.9	0

List of Publications

14	Transcatheter Aortic Valve Replacement in Asia. *JACC Asia*, **2021**, 1, 279-293	0
13	Transcatheter Aortic Valve Implantation in a Patient with Severe, Precapillary Pulmonary Arterial Hypertension. *Annals of the American Thoracic Society*, **2017**, 14, 147-149	4.7
12	"Protruding Myocardium" as a Target for Percutaneous Transluminal Septal Myocardial Ablation in a Case of Hypertrophic Obstructive Cardiomyopathy. *JACC: Cardiovascular Interventions*, **2015**, 8, e201-2	5
11	Percutaneous Occlusion of Patent Ductus Arteriosus for an Elderly Patient With Refractory Congestive Heart Failure. *Circulation: Heart Failure*, **2018**, 11, e004764	7.6
10	"Phantom vessel" running parallel to the culprit artery in a case of acute myocardial infarction. *JACC: Cardiovascular Interventions*, **2014**, 7, e51-2	5
9	Response by Yamamoto et al to Letter Regarding Article, "Impact of the Clinical Frailty Scale on Outcomes After Transcatheter Aortic Valve Replacement". *Circulation*, **2017**, 136, 1987-1988	16.7
8	Transcatheter aortic valve implantation. A new therapeutic approach for patients with severe aortic stenosis and coronary artery disease. *Journal of the Japanese Coronary Association*, **2013**, 19, 37-42	
7	Late expansion of mechanically expanding transcatheter aortic valves.. *Cardiovascular Intervention and Therapeutics*, **2022**, 1	2.5
6	Sleep-disordered breathing is independently associated with elevated natriuretic peptide levels in patients with cardiovascular diseases. *Heart and Vessels*, **2021**, 1	2.1
5	ONE-POINT ADVICE: Significance of Aortic Valvuloplasty in the Valve-in-Valve Era **2019**, 63-66	
4	Functional Status and Instrumental Activities of Daily Living After Transcatheter Aortic Valve Replacement. *Topics in Geriatric Rehabilitation*, **2021**, 37, 128-131	0.7
3	Incidence and Risk Factors of Postoperative Dysphagia in Severe Aortic Stenosis. *Topics in Geriatric Rehabilitation*, **2021**, 37, 58-63	0.7
2	A Novel Wire-Assisted Technique for Closing Large Atrial Septal Defects: New Concepts of Closure Mechanism. *JACC: Cardiovascular Interventions*, **2016**, 9, e59-61	5
1	Late Progression of Tricuspid Regurgitation After Transcatheter Aortic Valve Replacement **2022**, 100043	