

Tobias Zeus

List of Publications by Year in descending order

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117
papers

1,484
citations

430754

18
h-index

377752

34
g-index

120
all docs

120
docs citations

120
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	Left atrial appendage occlusion with the AMPLATZER Amulet device: periprocedural and early clinical/echocardiographic data from a global prospective observational study. <i>EuroIntervention</i> , 2017, 13, 867-876.	1.4	145
2	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic Valve Prosthesis. <i>Journal of the American College of Cardiology</i> , 2017, 70, 845-853.	1.2	141
3	Transplantation of autologous mononuclear bone marrow stem cells in patients with peripheral arterial disease (The TAM-PAD study). <i>Clinical Research in Cardiology</i> , 2007, 96, 891-899.	1.5	122
4	Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1. <i>Circulation Research</i> , 2020, 126, 486-500.	2.0	87
5	The Latest Evolution of the Medtronic CoreValve System in the Era of Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2314-2322.	1.1	60
6	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 433-443.	1.1	59
7	Device-Related Thrombus After Left Atrial Appendage Closure: Data on Thrombus Characteristics, Treatment Strategies, and Clinical Outcomes From the EUROCR-DRT-Registry. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010195.	1.4	46
8	Left Atrial Appendage Closure Guided by Integrated Echocardiography and Fluoroscopy Imaging Reduces Radiation Exposure. <i>PLoS ONE</i> , 2015, 10, e0140386.	1.1	46
9	Navigating the "Optimal Implantation Depth" With a Self-Expandable TAVR Device: Daily Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 679-688.	1.1	44
10	Dipyron (Metamizole) Can Nullify the Antiplatelet Effect of Aspirin in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1725-1726.	1.2	43
11	Lipid lowering therapy in cardiovascular disease: From myth to molecular reality. , 2020, 213, 107592.		35
12	Safety and efficacy of deep sedation as compared to general anaesthesia in percutaneous mitral valve repair using the MitraClip® system. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 84, E38-42.	0.7	30
13	Effect of Acute Kidney Injury After Percutaneous Mitral Valve Repair on Outcome. <i>American Journal of Cardiology</i> , 2018, 122, 316-322.	0.7	30
14	Deep sedation Vs. general anesthesia in 232 patients undergoing percutaneous mitral valve repair using the MitraClip® system. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 1212-1219.	0.7	29
15	Virtual reality-assisted conscious sedation during transcatheter aortic valve implantation: a randomised pilot study. <i>EuroIntervention</i> , 2020, 16, e1014-e1020.	1.4	25
16	Current and future aspects of multimodal and fusion imaging in structural and coronary heart disease. <i>Clinical Research in Cardiology</i> , 2018, 107, 49-54.	1.5	22
17	Dynamic coronary roadmapping during percutaneous coronary intervention: a feasibility study. <i>European Journal of Medical Research</i> , 2018, 23, 36.	0.9	22
18	Diagnostic value of the six-minute walk test (6MWT) in grown-up congenital heart disease (GUCH): Comparison with clinical status and functional exercise capacity. <i>International Journal of Cardiology</i> , 2016, 203, 90-97.	0.8	21

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19	A multicentre, randomised controlled clinical study of drug-coated balloons for the treatment of coronary in-stent restenosis. <i>EuroIntervention</i> , 2020, 16, e328-e334.	1.4	19
20	Cardiac magnetic resonance T2 mapping and feature tracking in athlete's heart and HCM. <i>European Radiology</i> , 2021, 31, 2768-2777.	2.3	18
21	Patent foramen ovale closure or medical therapy for cryptogenic ischemic stroke: an updated meta-analysis of randomized controlled trials. <i>Clinical Research in Cardiology</i> , 2018, 107, 745-755.	1.5	15
22	Perioperative aspirin therapy in non-cardiac surgery: A systematic review and meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2018, 258, 59-67.	0.8	14
23	Percutaneous mitral valve repair using the MitraClip® system in patients with anemia. <i>International Journal of Cardiology</i> , 2015, 184, 399-404.	0.8	13
24	Kidney function stratified outcomes of percutaneous left atrial appendage occlusion in patients with atrial fibrillation and high bleeding risk. <i>Acta Cardiologica</i> , 2020, 75, 312-320.	0.3	13
25	Novel insights on outcome in horizontal aorta with self-expandable new-generation transcatheter aortic valve replacement devices. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1511-1519.	0.7	13
26	Safety and Efficacy of Percutaneous Mitral Valve Repair Using the MitraClip® System in Patients with Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e111178.	1.1	12
27	Risk modeling in transcatheter aortic valve replacement remains unsolved: an external validation study in 2946 German patients. <i>Clinical Research in Cardiology</i> , 2021, 110, 368-376.	1.5	12
28	Horizontal Aorta in Transcatheter Self-Expanding Valves: Insights From the HORSE International Multicentre Registry. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010641.	1.4	12
29	Microparticle-Induced Coagulation Relates to Coronary Artery Atherosclerosis in Severe Aortic Valve Stenosis. <i>PLoS ONE</i> , 2016, 11, e0151499.	1.1	12
30	Red cell distribution width in anemic patients undergoing transcatheter aortic valve implantation. <i>World Journal of Cardiology</i> , 2016, 8, 220.	0.5	12
31	Prognostic value of impaired hepato-renal function assessed by the MELD-XI score in patients undergoing percutaneous mitral valve repair. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 699-706.	0.7	11
32	Left Atrial and Left Ventricular Function and Remodeling Following Percutaneous Mitral Valve Repair. <i>Journal of Heart Valve Disease</i> , 2016, 25, 309-319.	0.5	11
33	Safety and feasibility of peri-device leakage closure after LAAO: an international, multicentre collaborative study. <i>EuroIntervention</i> , 2021, 17, e1033-e1040.	1.4	11
34	Stenting as a Rescue Treatment of a Pulmonary Artery False Aneurysm Caused by Swan-Ganz Catheterization. <i>Case Reports in Pulmonology</i> , 2014, 2014, 1-4.	0.2	10
35	Aortic valve calcification is subject to aortic stenosis severity and the underlying flow pattern. <i>Heart and Vessels</i> , 2021, 36, 242-251.	0.5	10
36	Aspirin antiplatelet effects are associated with body weight. <i>Vascular Pharmacology</i> , 2020, 125-126, 106635.	1.0	9

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37	Clinical outcomes of patients undergoing percutaneous left atrial appendage occlusion in general anaesthesia or conscious sedation: data from the prospective global Amplatzer Amulet Occluder Observational Study. <i>BMJ Open</i> , 2021, 11, e040455.	0.8	9
38	On the road: First-in-man bifurcation percutaneous coronary intervention with the use of a dynamic coronary road map and StentBoost Live imaging system. <i>International Journal of Cardiology</i> , 2016, 215, 7-8.	0.8	8
39	Effect of Atrial Fibrillation and Mitral Valve Gradients on Response to Percutaneous Mitral Valve Repair With the MitraClip System. <i>American Journal of Cardiology</i> , 2018, 122, 1371-1378.	0.7	8
40	Micro-dislodgement during transcatheter aortic valve implantation with a contemporary self-expandable prosthesis. <i>PLoS ONE</i> , 2019, 14, e0224815.	1.1	8
41	Cost-comparison of third generation transcatheter aortic valve implantation (TAVI) devices in the German Health Care System. <i>International Journal of Cardiology</i> , 2019, 278, 40-45.	0.8	8
42	Noncanonical Effects of Oral Thrombin and Factor Xa Inhibitors in Platelet Activation and Arterial Thrombosis. <i>Thrombosis and Haemostasis</i> , 2021, 121, 122-130.	1.8	8
43	Computed tomography derived predictors of permanent pacemaker implantation after transcatheter aortic valve replacement: A meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E897-E907.	0.7	8
44	High body mass index is a risk factor for difficult deep sedation in percutaneous mitral valve repair. <i>PLoS ONE</i> , 2018, 13, e0190590.	1.1	8
45	First experience with real-time 3D anatomical fusion imaging during left atrial appendage occluder implantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 719-720.	0.5	7
46	Platelet reactivity in patients with chronic kidney disease and hemodialysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 49, 168-172.	1.0	7
47	Enhanced Platelet Reactivity under Aspirin Medication and Major Adverse Cardiac and Cerebrovascular Events in Patients with Coronary Artery Disease. <i>Pharmacology</i> , 2020, 105, 118-122.	0.9	7
48	Percutaneous Mitral Valve Repair in Mitral Regurgitation Reduces Cell-Free Hemoglobin and Improves Endothelial Function. <i>PLoS ONE</i> , 2016, 11, e0151203.	1.1	7
49	Safety of transoesophageal echocardiography during structural heart disease interventions under procedural sedation: a single-centre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 24, 68-77.	0.5	7
50	Intraprocedural Online Fusion of Echocardiography and Fluoroscopy During Transapical Mitral Valve-in-Valve Implantation. <i>Canadian Journal of Cardiology</i> , 2015, 31, 364.e9-364.e11.	0.8	6
51	Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 299-310.	0.9	6
52	Contemporary use of balloon aortic valvuloplasty and evaluation of its success in different hemodynamic entities of severe aortic valve stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E121-E129.	0.7	6
53	Length of stay following percutaneous left atrial appendage occlusion: Data from the prospective, multicenter Amplatzer Amulet Occluder Observational Study. <i>PLoS ONE</i> , 2021, 16, e0255721.	1.1	6
54	Platelet reactivity is higher in e-cigarette vaping as compared to traditional smoking. <i>International Journal of Cardiology</i> , 2021, 343, 146-148.	0.8	6

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55	New insights on potential permanent pacemaker predictors in TAVR using the largest self-expandable device. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1816-1826.	0.7	6
56	Efficient screening for severe aortic valve stenosis using understandable artificial intelligence: a prospective diagnostic accuracy study. <i>European Heart Journal Digital Health</i> , 2022, 3, 141-152.	0.7	6
57	Risk prediction of bleeding and MACCE by PRECISE-DAPT score post-PCI. <i>IJC Heart and Vasculature</i> , 2021, 33, 100750.	0.6	5
58	Incidence of Acute Kidney Injury Is Lower in High-Risk Patients Undergoing Percutaneous Coronary Intervention Supported with Impella Compared to ECMO. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 239-248.	1.1	5
59	Stent fractures after common femoral artery bail-out stenting due to suture device failure in TAVR. <i>Vasa - European Journal of Vascular Medicine</i> , 2018, 47, 393-401.	0.6	5
60	Dynamic Coronary Roadmap in Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2523-2525.	1.1	5
61	Procedural Results of Patients Undergoing Transcatheter Aortic Valve Implantation With Aortic Annuli Diameter ≥ 26 mm: insights from the German Aortic Valve Registry. <i>American Journal of Cardiology</i> , 2022, 164, 111-117.	0.7	5
62	Severe aortic valve stenosis in the elderly: high prevalence of sleep-related breathing disorders. <i>Clinical Interventions in Aging</i> , 2015, 10, 1451.	1.3	4
63	Fusion Imaging During the Interventional Closure of Patent Foramen Ovale and Atrial Septal Defects. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1543-1545.	2.3	4
64	Interaction of increasing ICU survival and admittance policies in patients with hematologic neoplasms: A single center experience with 304 patients. <i>European Journal of Haematology</i> , 2019, 102, 265-274.	1.1	4
65	Real-Time Echocardiographic-Fluoroscopic Fusion Imaging for Transcatheter Edge-to-Edge Mitral Valve Repair. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 635-636.	1.2	4
66	Predictors of functional mitral regurgitation recurrence after percutaneous mitral valve repair. <i>Heart and Vessels</i> , 2021, 36, 1574-1583.	0.5	4
67	Aortic angle distribution and predictors of horizontal aorta in patients undergoing transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2021, 338, 58-62.	0.8	4
68	Valvuloplasty balloon entrapment in a self-expanding aortic valve stent frame after inadvertent wire passage through the outflow struts. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 174-177.	0.7	3
69	TAVR-related echocardiographic assessment "status quo, challenges and perspectives. <i>Acta Cardiologica</i> , 2020, 75, 275-285.	0.3	3
70	Transcaval aortic valve implantation through a partially thrombosed infrarenal aortic aneurysm. <i>European Heart Journal</i> , 2020, 41, 974-974.	1.0	3
71	Performance of the CoreValve Evolut R and PRO in Severely Calcified Anatomy: A Propensity Score Matched Analysis. <i>Heart Lung and Circulation</i> , 2020, 29, 1847-1855.	0.2	3
72	Real-time echocardiography-fluoroscopy fusion imaging for left atrial appendage closure: prime time for fusion imaging?. <i>Acta Cardiologica</i> , 2021, 76, 1004-1012.	0.3	3

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73	Diabetes mellitus is not associated with enhanced bleeding risk in patients after percutaneous coronary intervention. <i>Diabetic Medicine</i> , 2021, 38, e14532.	1.2	3
74	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2791-2799.	0.7	3
75	Factors associated with a high or low implantation of self-expanding devices in TAVR. <i>Clinical Research in Cardiology</i> , 2021, 110, 1930-1938.	1.5	3
76	Excess Mortality in Aspirin and Dipyron (Metamizole) Coâ€Medicated in Patients With Cardiovascular Disease: A Nationwide Study. <i>Journal of the American Heart Association</i> , 2021, 10, e022299.	1.6	3
77	MTX Treatment Does Not Improve Outcome in Mice with AMI. <i>Pharmacology</i> , 2021, 106, 225-232.	0.9	3
78	Secondary right heart failure due to haemodynamically relevant iatrogenic atrial septal defect: does the sequence of structural interventions sometimes matter? A case report. <i>European Heart Journal - Case Reports</i> , 2018, 2, yty119.	0.3	2
79	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transcatheter aortic valve replacementâ€”Is there a need for increased attention?. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 1001-1008.	0.7	2
80	Impact of Combined â€CHADS-BLEDâ€Score to Predict Short-Term Outcomes in Transfemoral and Transapical Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-9.	0.5	2
81	A novel mechanism of ACE inhibitionâ€”associated enhanced platelet reactivity: disproof of the ARB-MI paradox?. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1245-1251.	0.8	2
82	Percutaneous mitral valve repair with the MitraClip in patients with handgrip exercise-induced dynamic mitral regurgitation. <i>Vessel Plus</i> , 0, 2020, .	0.4	2
83	Procedural outcomes of the 34â€mm EvolutR Transcatheter valve in a real-world population insights from the HORSE multicenter collaborative registry. <i>International Journal of Cardiology</i> , 2022, , .	0.8	2
84	Blood pressure and blood flow find its way. <i>Clinical Research in Cardiology</i> , 2015, 104, 89-91.	1.5	1
85	Prediction of One-Year Mortality Based upon A New Staged Mortality Risk Model in Patients with Aortic Stenosis Undergoing Transcatheter Valve Replacement. <i>Journal of Clinical Medicine</i> , 2019, 8, 1642.	1.0	1
86	Patient-Specific Computer Simulation in TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2580-2581.	1.1	1
87	Current and Future Aspects of Multimodal Imaging, Diagnostic, and Treatment Strategies in Bicuspid Aortic Valve and Associated Aortopathies. <i>Journal of Clinical Medicine</i> , 2020, 9, 662.	1.0	1
88	Delivery Catheter Capsule Demolition During the Deployment of a Medtronicâ€CoreValve Evolut R. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e79-e80.	1.1	1
89	Response by Petzold et al to Letter Regarding Article, â€Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1â€. <i>Circulation Research</i> , 2020, 126, e54-e55.	2.0	1
90	Impact of Transcatheter Aortic Valve Implantation on Thrombin Generation and Platelet Function. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1310-1316.	1.8	1

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91	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. <i>Acta Cardiologica</i> , 2021, , 1-11.	0.3	1
92	Aspirin I.V. Loading during Elective Percutaneous Coronary Intervention. <i>Pharmacology</i> , 2021, 106, 682-686.	0.9	1
93	Short- and Mid-Term Outcomes in Patients Deemed Inoperable Undergoing Transapical and Transfemoral TAVR with an STS-PROM below Four Percent. <i>Journal of Clinical Medicine</i> , 2021, 10, 2993.	1.0	1
94	European NSTEMI guidelinesâ€”return of clopidogrel?. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 151-153.	0.8	1
95	Letter: Horizontal aorta in transcatheter aortic valve replacement â€” several open questions. <i>EuroIntervention</i> , 2020, 16, e779-e780.	1.4	1
96	Transcatheter Aortic Valve Implantation in High-Risk/Inoperable Patients: Repositionable versus Non-Repositionable Self-Expanding Valve. <i>Journal of Heart Valve Disease</i> , 2017, 26, 405-412.	0.5	1
97	The COORDINATE Pilot Study: Impact of a Transcatheter Aortic Valve Coordinator Program on Hospital and Patient Outcomes. <i>Journal of Clinical Medicine</i> , 2022, 11, 1205.	1.0	1
98	607â€”Comparison of incidence and predictors of new left bundle branch block and permanent pacemaker implantation in a large multicentre contemporary TAVI registry using the Evolut R/pro system vs. the accurate neo valve. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	1
99	Cerebrovascular Events after Transcatheter Aortic Valve Replacement: The Difficulty in Predicting the Unpredictable. <i>Journal of Clinical Medicine</i> , 2022, 11, 3902.	1.0	1
100	CENTERA Valve for Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1394.	1.1	0
101	Refinement of the Transcaval Access Route in Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2207-2209.	1.1	0
102	Addressing limitations of partial oral treatment of left-sided infectious endocarditis (POET) criteria for prosthetic valve endocarditis: a note of caution. <i>European Heart Journal</i> , 2019, 40, 3276-3276.	1.0	0
103	Contrary to Expectations: Off-Label Transcatheter Aortic Valve Replacement in the Case of Left Ventricular Outflow Tract Obstruction. <i>Canadian Journal of Cardiology</i> , 2019, 35, 229.e5-229.e6.	0.8	0
104	TCT CONNECT-487 MIDAS Has Only Trivial Impact on PPM Implantation Using the Largest Self-Expandable TAVR-Device. <i>Journal of the American College of Cardiology</i> , 2020, 76, B208-B209.	1.2	0
105	Duplex echocardiography in multivalvular heart disease after percutaneous mitral valve repair?. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13340.	1.7	0
106	Automated Aortic Valve Sizing Based on a Three-Dimensional Heart Model in Real Time for Transcatheter Aortic Valve Replacement: Unsolved Challenges with High Potential for the Future. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 911-912.	1.2	0
107	Reply. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1497-1498.	1.1	0
108	Early restenosis of a direct flow transcatheter aortic valve prosthesis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E716-E718.	0.7	0

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109	Sealing capacity of the ventricular muscle band after iatrogenic left ventricular perforation during transcatheter aortic valve implantation. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-225439.	0.2	0
110	TCT-310 Percutaneous Peridevice Leakage Closure After Insufficient Left Atrial Appendage Occlusion: Results From a Worldwide Collaborative Study. <i>Journal of the American College of Cardiology</i> , 2021, 78, B127.	1.2	0
111	TCT-365 Dynamic Coronary Roadmap for Percutaneous Coronary Intervention Effectively Reduces Contrast Medium Exposure: Insights From an Open-Label, Randomized Trial. <i>Journal of the American College of Cardiology</i> , 2021, 78, B150.	1.2	0
112	Excess of MACCE in Aspirin and Dipyrrone (Metamizole/Novalgin) Co-Medicated Patients: A Nationwide Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
113	612â€fComparison of two self-expandable supra-annular bioprosthesis: a propensity score-matched analysis. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
114	599â€fGender-based differences in TAVI outcomes: report from a large contemporary real-world population of self-expandable valves. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
115	597â€fComparison between low versus intermediate-high risk patients in a contemporary real-world multicentre TAVI registry using self-expanding supra-annular valves: a propensity score matched analysis. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
116	595â€fImpact of age on outcomes in a large multicentre low-to-intermediate risk TAVI population: in and out the age cut-off from ESC 2021 valvular heart disease guidelines. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
117	Structured Allocation of Transcatheter Aortic Valve Replacement Patients during Coronavirus Disease 2019 Pandemic: Impact on Patient Selection and Clinical Results. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 189.	0.8	0