

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
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120
all docs

120
docs citations

120
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	European NSTEMI guidelinesâ€™ return of clopidogrel?. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 151-153.	0.8	1
3	Procedural Results of Patients Undergoing Transcatheter Aortic Valve Implantation With Aortic Annuli Diameter â‰¥26 mm: insights from the German Aortic Valve Registry. <i>American Journal of Cardiology</i> , 2022, 164, 111-117.	0.7	5
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Early restenosis of a direct flow transcatheter aortic valve prosthesis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E716-E718.	0.7	0
12	Cardiac magnetic resonance T2 mapping and feature tracking in athleteâ€™s heart and HCM. <i>European Radiology</i> , 2021, 31, 2768-2777.	2.3	18
13	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
14	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
15	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
16	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
17	Impact of Transcatheter Aortic Valve Implantation on Thrombin Generation and Platelet Function. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1310-1316.	1.8	1
18	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

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19	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
20	Predictors of functional mitral regurgitation recurrence after percutaneous mitral valve repair. <i>Heart and Vessels</i> , 2021, 36, 1574-1583.	0.5	4
21	Risk prediction of bleeding and MACCE by PRECISE-DAPT score post-PCI. <i>IJC Heart and Vasculature</i> , 2021, 33, 100750.	0.6	5
22	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2791-2799.	0.7	3
23	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
24	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. <i>Acta Cardiologica</i> , 2021, , 1-11.	0.3	1
25	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
26	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
27	Aspirin I.V. Loading during Elective Percutaneous Coronary Intervention. <i>Pharmacology</i> , 2021, 106, 682-686.	0.9	1
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Excess Mortality in Aspirin and Dipyron (Metamizole) Co-medicated in Patients With Cardiovascular Disease: A Nationwide Study. <i>Journal of the American Heart Association</i> , 2021, 10, e022299.	1.6	3
36	Dynamic Coronary Roadmap in Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2523-2525.	1.1	5

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37	MTX Treatment Does Not Improve Outcome in Mice with AMI. <i>Pharmacology</i> , 2021, 106, 225-232.	0.9	3
38	607â€fComparison 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
39	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
40	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
41	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
42	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
43	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
44	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transapical transcatheter aortic valve replacementâ€”Is there a need for increased attention?. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 1001-1008.	0.7	2
45	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
46	TAVR-related echocardiographic assessment â€“ status quo, challenges and perspectives. <i>Acta Cardiologica</i> , 2020, 75, 275-285.	0.3	3
47	Transcaval aortic valve implantation through a partially thrombosed infrarenal aortic aneurysm. <i>European Heart Journal</i> , 2020, 41, 974-974.	1.0	3
48	Platelet reactivity in patients with chronic kidney disease and hemodialysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 49, 168-172.	1.0	7
49	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
50	Aspirin antiplatelet effects are associated with body weight. <i>Vascular Pharmacology</i> , 2020, 125-126, 106635.	1.0	9
51	Navigating the â€œOptimal Implantation Depthâ€•With a Self-Expandable TAVR Deviceâ€”Daily Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 679-688.	1.1	44
52	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
53	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
54	Duplex echocardiography in multivalvular heart disease after percutaneous mitral valve repair?. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13340.	1.7	0

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55	Patient-Specific Computer Simulation in TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2580-2581.	1.1	1
56	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
57	Impact of Combined CHADS-BLED 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
58	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
59	Lipid lowering therapy in cardiovascular disease: From myth to molecular reality. , 2020, 213, 107592.		35
60	Reply. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1497-1498.	1.1	0
61	A novel mechanism of ACE inhibition-associated enhanced platelet reactivity: disproof of the ARB-MI paradox?. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1245-1251.	0.8	2
62	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
63	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
64	Delivery Catheter Capsule Demolition During the Deployment of a Medtronic CoreValve Evolut R. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e79-e80.	1.1	1
65	Response by Petzold et al to Letter Regarding Article, Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1. <i>Circulation Research</i> , 2020, 126, e54-e55.	2.0	1
66	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
67	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
68	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
69	Virtual reality-assisted conscious sedation during transcatheter aortic valve implantation: a randomised pilot study. <i>EuroIntervention</i> , 2020, 16, e1014-e1020.	1.4	25
70	Letter: Horizontal aorta in transcatheter aortic valve replacement – several open questions. <i>EuroIntervention</i> , 2020, 16, e779-e780.	1.4	1
71	Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 299-310.	0.9	6
72	CENTERA Valve for Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1394.	1.1	0

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73	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
74	Micro-dislodgement during transcatheter aortic valve implantation with a contemporary self-expandable prosthesis. <i>PLoS ONE</i> , 2019, 14, e0224815.	1.1	8
75	Refinement of the Transcaval Access Route in Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2207-2209.	1.1	0
76	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
77	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 433-443.	1.1	59
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	Dynamic coronary roadmapping during percutaneous coronary intervention: a feasibility study. <i>European Journal of Medical Research</i> , 2018, 23, 36.	0.9	22
90	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

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91	Effect of Acute Kidney Injury After Percutaneous Mitral Valve Repair on Outcome. American Journal of Cardiology, 2018, 122, 316-322.	0.7	30
92	Stent fractures after common femoral artery bail-out stenting due to suture device failure in TAVR. Vasa - European Journal of Vascular Medicine, 2018, 47, 393-401.	0.6	5
93	High body mass index is a risk factor for difficult deep sedation in percutaneous mitral valve repair. PLoS ONE, 2018, 13, e0190590.	1.1	8
94	Sealing capacity of the ventricular muscle band after iatrogenic left ventricular perforation during transcatheter aortic valve implantation. BMJ Case Reports, 2018, 2018, bcr-2018-225439.	0.2	0
95	Deep sedation Vs. general anesthesia in 232 patients undergoing percutaneous mitral valve repair using the MitraClip [®] system. Catheterization and Cardiovascular Interventions, 2017, 90, 1212-1219.	0.7	29
96	First experience with real-time 3D anatomical fusion imaging during left atrial appendage occluder implantation. European Heart Journal Cardiovascular Imaging, 2017, 18, 719-720.	0.5	7
97	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic Valve Prosthesis. Journal of the American College of Cardiology, 2017, 70, 845-853.	1.2	141
98	Left atrial appendage occlusion with the AMPLATZER Amulet device: periprocedural and early clinical/echocardiographic data from a global prospective observational study. EuroIntervention, 2017, 13, 867-876.	1.4	145
99	Transcatheter Aortic Valve Implantation in High-Risk/Inoperable Patients: Repositionable versus Non-Repositionable Self-Expanding Valve. Journal of Heart Valve Disease, 2017, 26, 405-412.	0.5	1
100	On the road: First-in-man bifurcation percutaneous coronary intervention with the use of a dynamic coronary road map and StentBoost Live imaging system. International Journal of Cardiology, 2016, 215, 7-8.	0.8	8
101	Diagnostic value of the six-minute walk test (6MWT) in grown-up congenital heart disease (GUCH): Comparison with clinical status and functional exercise capacity. International Journal of Cardiology, 2016, 203, 90-97.	0.8	21
102	Percutaneous Mitral Valve Repair in Mitral Regurgitation Reduces Cell-Free Hemoglobin and Improves Endothelial Function. PLoS ONE, 2016, 11, e0151203.	1.1	7
103	Microparticle-Induced Coagulation Relates to Coronary Artery Atherosclerosis in Severe Aortic Valve Stenosis. PLoS ONE, 2016, 11, e0151499.	1.1	12
104	Red cell distribution width in anemic patients undergoing transcatheter aortic valve implantation. World Journal of Cardiology, 2016, 8, 220.	0.5	12
105	Left Atrial and Left Ventricular Function and Remodeling Following Percutaneous Mitral Valve Repair. Journal of Heart Valve Disease, 2016, 25, 309-319.	0.5	11
106	Severe aortic valve stenosis in the elderly: high prevalence of sleep-related breathing disorders. Clinical Interventions in Aging, 2015, 10, 1451.	1.3	4
107	Blood pressure and blood flow find its way. Clinical Research in Cardiology, 2015, 104, 89-91.	1.5	1
108	Percutaneous mitral valve repair using the MitraClip [®] system in patients with anemia. International Journal of Cardiology, 2015, 184, 399-404.	0.8	13

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109	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
110	Left Atrial Appendage Closure Guided by Integrated Echocardiography and Fluoroscopy Imaging Reduces Radiation Exposure. <i>PLoS ONE</i> , 2015, 10, e0140386.	1.1	46
111	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
112	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
113	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
114	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
115	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
116	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
117	Excess of MACCE in Aspirin and Dipyron (Metamizole/Novalgine) Co-Medicated Patients: A Nationwide Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0