

# Emin Murat Tuzcu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99  
papers

17,975  
citations

37  
h-index

113  
g-index

113  
ext. papers

21,869  
ext. citations

7.1  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
99	Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 1597-607	59.2	4801
98	Transcatheter versus surgical aortic-valve replacement in high-risk patients. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 2187-98	59.2	4230
97	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1609-20	59.2	2746
96	5-year outcomes of transcatheter aortic valve replacement or surgical aortic valve replacement for high surgical risk patients with aortic stenosis (PARTNER 1): a randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 385, 2477-84	40	1042
95	Incidence, predictors, and outcomes of aortic regurgitation after transcatheter aortic valve replacement: meta-analysis and systematic review of literature. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 1585-95	15.1	551
94	5-year outcomes of transcatheter aortic valve replacement compared with standard treatment for patients with inoperable aortic stenosis (PARTNER 1): a randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 385, 2485-91	40	549
93	Impact of statins on serial coronary calcification during atheroma progression and regression. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1273-1282	15.1	319
92	Paravalvular regurgitation after transcatheter aortic valve replacement with the Edwards sapien valve in the PARTNER trial: characterizing patients and impact on outcomes. <i>European Heart Journal</i> , <b>2015</b> , 36, 449-56	9.5	292
91	Intravascular ultrasound evidence of angiographically silent progression in coronary atherosclerosis predicts long-term morbidity and mortality after cardiac transplantation. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1538-42	15.1	213
90	Propensity-matched comparisons of clinical outcomes after transapical or transfemoral transcatheter aortic valve replacement: a placement of aortic transcatheter valves (PARTNER)-I trial substudy. <i>Circulation</i> , <b>2015</b> , 131, 1989-2000	16.7	191
89	Prevalence and outcomes of unoperated patients with severe symptomatic mitral regurgitation and heart failure: comprehensive analysis to determine the potential role of MitraClip for this unmet need. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 185-6	15.1	166
88	Infective endocarditis after transcatheter aortic valve implantation: results from a large multicenter registry. <i>Circulation</i> , <b>2015</b> , 131, 1566-74	16.7	162
87	Procedural Experience for Transcatheter Aortic Valve Replacement and Relation To Outcomes: The STS/ACC TVT Registry. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 29-41	15.1	154
86	The STS-ACC transcatheter valve therapy national registry: a new partnership and infrastructure for the introduction and surveillance of medical devices and therapies. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1026-34	15.1	146
85	Staging classification of aortic stenosis based on the extent of cardiac damage. <i>European Heart Journal</i> , <b>2017</b> , 38, 3351-3358	9.5	140
84	Ventricular septal rupture complicating acute myocardial infarction: a contemporary review. <i>European Heart Journal</i> , <b>2014</b> , 35, 2060-8	9.5	135
83	Long-term outcomes of inoperable patients with aortic stenosis randomly assigned to transcatheter aortic valve replacement or standard therapy. <i>Circulation</i> , <b>2014</b> , 130, 1483-92	16.7	125

82	Effect of tricuspid regurgitation and the right heart on survival after transcatheter aortic valve replacement: insights from the Placement of Aortic Transcatheter Valves II inoperable cohort. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8,	6	110
81	Influence of transcatheter aortic valve replacement strategy and valve design on stroke after transcatheter aortic valve replacement: a meta-analysis and systematic review of literature. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 2101-2110	15.1	102
80	Insights Into Timing, Risk Factors, and Outcomes of Stroke and Transient Ischemic Attack After Transcatheter Aortic Valve Replacement in the PARTNER Trial (Placement of Aortic Transcatheter Valves). <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	89
79	Non-HDL Cholesterol and Triglycerides: Implications for Coronary Atheroma Progression and Clinical Events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 2220-2228	9.4	86
78	Percutaneous left atrial appendage occlusion for stroke prophylaxis in nonvalvular atrial fibrillation: a systematic review and analysis of observational studies. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 296-304	5	65
77	Aortic annulus and root characteristics in severe aortic stenosis due to bicuspid aortic valve and tricuspid aortic valves: implications for transcatheter aortic valve therapies. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 86, E88-98	2.7	62
76	Relationship of beam angulation and radiation exposure in the cardiac catheterization laboratory. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 558-66	5	57
75	Association Between Transcatheter Aortic Valve Replacement and Early Postprocedural Stroke. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2306-2315	27.4	55
74	Fractional flow reserve compared with intravascular ultrasound guidance for optimizing stent deployment. <i>Circulation</i> , <b>2001</b> , 104, 1917-22	16.7	55
73	Costs of periprocedural complications in patients treated with transcatheter aortic valve replacement: results from the Placement of Aortic Transcatheter Valve trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 829-36	6	54
72	Measures to reduce radiation in a modern cardiac catheterization laboratory. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 447-55	6	53
71	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 571-577	5	53
70	Spotty calcification and plaque vulnerability in vivo: frequency-domain optical coherence tomography analysis. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2014</b> , 4, 460-9	2.6	51
69	Atheroma progression in hyporesponders to statin therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 990-5	9.4	49
68	Degenerative Mitral Stenosis: Unmet Need for Percutaneous Interventions. <i>Circulation</i> , <b>2016</b> , 133, 1594-604	6.7	49
67	Implications from neurologic assessment of brain protection for total arch replacement from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 1140-7.e11	1.5	45
66	Transcatheter aortic valve replacement: current perspectives and future implications. <i>Heart</i> , <b>2015</b> , 101, 169-77	5.1	45
65	Visit-to-visit cholesterol variability correlates with coronary atheroma progression and clinical outcomes. <i>European Heart Journal</i> , <b>2018</b> , 39, 2551-2558	9.5	40

64	Near-Infrared Spectroscopy Enhances Intravascular Ultrasound Assessment of Vulnerable Coronary Plaque: A Combined Pathological and In Vivo Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2423-31	9.4	39
63	Impact of baseline lipoprotein and C-reactive protein levels on coronary atheroma regression following high-intensity statin therapy. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1465-72	3	37
62	Myeloperoxidase levels predict accelerated progression of coronary atherosclerosis in diabetic patients: insights from intravascular ultrasound. <i>Atherosclerosis</i> , <b>2014</b> , 232, 377-83	3.1	37
61	Sex Differences in Nonculprit Coronary Plaque Microstructures on Frequency-Domain Optical Coherence Tomography in Acute Coronary Syndromes and Stable Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	35
60	Long-term mortality after cardiac allograft vasculopathy: implications of percutaneous intervention. <i>JACC: Heart Failure</i> , <b>2014</b> , 2, 281-8	7.9	35
59	Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis: A Secondary Analysis of the PARTNER Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 584-92	16.2	34
58	Prognostic significance of mild aortic regurgitation in predicting mortality after transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 152, 783-90	1.5	30
57	Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2415-2426	15.1	29
56	Plaque microstructures in patients with coronary artery disease who achieved very low low-density lipoprotein cholesterol levels. <i>Atherosclerosis</i> , <b>2015</b> , 242, 490-5	3.1	28
55	Durability Data for Bioprosthetic Surgical Aortic Valve: A Systematic Review. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 71-80	16.2	28
54	Percutaneous Intervention for Myocardial Infarction After Noncardiac Surgery: Patient Characteristics and Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 329-38	15.1	27
53	High-risk coronary atheroma: the interplay between ischemia, plaque burden, and disease progression. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1134-1140	15.1	27
52	In-hospital mortality and stroke after surgical aortic valve replacement: A nationwide perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 571-8.e8	1.5	25
51	Frequency-domain optical coherence tomographic analysis of plaque microstructures at nonculprit narrowings in patients receiving potent statin therapy. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 549-54		25
50	Impact of lean six sigma process improvement methodology on cardiac catheterization laboratory efficiency. <i>Cardiovascular Revascularization Medicine</i> , <b>2016</b> , 17, 95-101	1.6	24
49	Peri-procedural imaging for transcatheter mitral valve replacement. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2016</b> , 6, 144-59	2.6	23
48	Comparative meta-analysis of balloon-expandable and self-expandable valves for transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 87-97	3.2	21
47	Management of drug eluting stent in-stent restenosis: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 1080-91	2.7	21

46	Cerebrovascular Events After Cardiovascular Procedures: Risk Factors, Recognition, and Prevention Strategies. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1910-1920	15.1	20
45	Rate of Progression of Aortic Stenosis and its Impact on Outcomes in Patients With Radiation-Associated Cardiac Disease: A Matched Cohort Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1072-1080	8.4	17
44	Outcomes of Transcatheter Aortic Valve Replacement in Mixed Aortic Valve Disease. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2299-2306	5	17
43	Prognostic Significance of Ischemic Mitral Regurgitation on Outcomes in Acute ST-Elevation Myocardial Infarction Managed by Primary Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 20-26	3	17
42	Implications of Total to High-Density Lipoprotein Cholesterol Ratio Discordance With Alternative Lipid Parameters for Coronary Atheroma Progression and Cardiovascular Events. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 647-55	3	17
41	Progression of coronary atherosclerosis in stable patients with ultrasonic features of high-risk plaques. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1035-41	4.1	16
40	Alternative access options for transcatheter aortic valve replacement in patients with no conventional access and chest pathology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 644-51	1.5	16
39	Atrial fibrillation, progression of coronary atherosclerosis and myocardial infarction. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 373-381	3.9	16
38	Current Society of Thoracic Surgeons Model Reclassifies Mortality Risk in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , <b>2018</b> , 11, e006664	6	16
37	Relation of high-density lipoprotein cholesterol:apolipoprotein a-I ratio to progression of coronary atherosclerosis in statin-treated patients. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 681-5	3	14
36	Length of stay and long-term mortality following ST elevation myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 86 Suppl 1, S1-7	2.7	14
35	Novel hemodynamic index for assessment of aortic regurgitation after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 86, E174-9	2.7	14
34	Transcatheter mitral valve replacement: A frontier in cardiac intervention. <i>Cleveland Clinic Journal of Medicine</i> , <b>2016</b> , 83, S10-S17	2.8	12
33	Safety and efficacy of cerebral protection devices in transcatheter aortic valve replacement: A clinical end-points meta-analysis. <i>Cardiovascular Revascularization Medicine</i> , <b>2018</b> , 19, 785-791	1.6	11
32	Outcomes of patients with ischemic mitral regurgitation undergoing percutaneous coronary intervention. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1011-7	3	11
31	Atherosclerosis imaging: intravascular ultrasound. <i>Drugs</i> , <b>2004</b> , 64 Suppl 2, 1-7	12.1	11
30	Bleeding complications of triple antithrombotic therapy after percutaneous coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , <b>2017</b> , 89, E64-E74	2.7	10
29	Unilateral Access Is Safe and Facilitates Peripheral Bailout During Transfemoral-Approach Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2210-2220	5	10

28	Invasive imaging: Coronary intravascular ultrasound: a closer view. <i>Heart</i> , <b>2010</b> , 96, 1318-24	5.1	9
27	The beneficial effects of raising high-density lipoprotein cholesterol depends upon achieved levels of low-density lipoprotein cholesterol during statin therapy: Implications for coronary atheroma progression and cardiovascular events. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 474-85	3.9	8
26	Appropriate patient selection or health care rationing? Lessons from surgical aortic valve replacement in the Placement of Aortic Transcatheter Valves I trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 557-68.e11	1.5	7
25	Risk of cerebrovascular events in patients with patent foramen ovale and intracardiac devices. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 1221-6	5	7
24	Renin-Angiotensin System Antagonists in Patients Without Left Ventricular Dysfunction After Percutaneous Intervention for ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 508-14	3	6
23	Plaque vulnerability at non-culprit lesions in obese patients with coronary artery disease: Frequency-domain optical coherence tomography analysis. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 1331-9	3.9	6
22	Management of Symptomatic Severe Aortic Stenosis in Patient With Very Severe Chronic Obstructive Pulmonary Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 28, 783-790	1.7	6
21	Neurologic Events After Transcatheter Aortic Valve Replacement. <i>Interventional Cardiology Clinics</i> , <b>2015</b> , 4, 83-93	1.4	5
20	Transcatheter aortic valve replacement: History and current indications. <i>Cleveland Clinic Journal of Medicine</i> , <b>2015</b> , 82, S6-10	2.8	5
19	Two-Decade Trends in the Prevalence of Atherosclerotic Risk Factors, Coronary Plaque Morphology, and Outcomes in Adults Aged ≥55 Years Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 939-43	3	4
18	Meta-Analysis of Usefulness of Anticoagulation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1612-1617	3	4
17	Transcatheter Advances in the Treatment of Adult and Congenital Valvular Heart Disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2015</b> , 17, 52	2.1	4
16	Postoperative Migration of an Edwards-SAPIEN XT Mitral Valve-in-Valve Treated With Direct Vision Implantation During Beating-Heart Bypass. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 1182-5	2.7	4
15	Oral Calcium Supplements Associate With Serial Coronary Calcification: Insights From Intravascular Ultrasound. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 259-268	8.4	4
14	Relationship of mitral valve annulus plane and circumflex-right coronary artery plane: Implications for Transcatheter Mitral Valve Implantation. <i>Catheterization and Cardiovascular Interventions</i> , <b>2017</b> , 89, 932-943	2.7	2
13	Non-invasive volumetric assessment of aortic atheroma: a core laboratory validation using computed tomography angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 121-9	2.5	2
12	Resource utilization for transfemoral transcatheter aortic valve replacement: An international comparison. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 145-51	2.7	2
11	Frequency and factors associated with inappropriate for intervention cardiac catheterization laboratory activation. <i>Cardiovascular Revascularization Medicine</i> , <b>2016</b> , 17, 219-24	1.6	1

10	Plaque microstructures during metformin therapy in type 2 diabetic subjects with coronary artery disease: optical coherence tomography analysis.. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2022</b> , 12, 77-87	2.6	1
9	Comparing Coronary Atheroma Progression Rates and Coronary Events in the United States, Canada, Latin America, and Europe. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1616-1623	3	1
8	End-stage renal disease as an independent risk factor for in-hospital mortality after coronary drug-eluting stenting: Understanding and modeling the risk. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, 246-254	2.7	0
7	Left main coronary arterial endothelial function and heterogenous segmental epicardial vasomotor reactivity in vivo: novel insights with intravascular ultrasonography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1270-80	4.1	0
6	Outcomes of Mild Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , <b>2021</b> , 5, 201-207	0.6	0
5	Outcomes of Patients with Significant Obesity Undergoing TAVR or SAVR in the Randomized PARTNER 2A Trial. <i>Structural Heart</i> , <b>2018</b> , 2, 500-511	0.6	0
4	Safety and Efficacy of Balloon Aortic Valvuloplasty Stratified by Acuity of Patient Illness. <i>Structural Heart</i> , 1-10	0.6	0
3	Intracoronary Ultrasound in Assessing Efficacy of Cardiovascular Drugs. <i>Current Cardiovascular Imaging Reports</i> , <b>2010</b> , 3, 190-196	0.7	
2	Safety and Efficacy of Percutaneous Mitral Valve-in-Valve and Mitral Valve-in-Ring Procedures: Systematic Review and Pooled Analysis of 30 Day and One Year Outcomes. <i>Structural Heart</i> , <b>2018</b> , 2, 421-430	0.6	
1	Devices to decrease stroke risk. <i>Journal of Invasive Cardiology</i> , <b>2004</b> , 16, 54S-58S	0.7	