

Emin Murat Tuzcu

List of Publications by Year in Descending Order

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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	Plaque microstructures during metformin therapy in type 2 diabetic subjects with coronary artery disease: optical coherence tomography analysis.. <i>Cardiovascular Diagnosis and Therapy</i> , 2022 , 12, 77-87	2.6	1
98	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> , 2021 , 98, 246-254	2.7	0
97	Oral Calcium Supplements Associate With Serial Coronary Calcification: Insights From Intravascular Ultrasound. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 259-268	8.4	4
96	Outcomes of Mild Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2021 , 5, 201-207	0.6	0
95	Association Between Transcatheter Aortic Valve Replacement and Early Postprocedural Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2306-2315	27.4	55
94	Outcomes of Transcatheter Aortic Valve Replacement in Mixed Aortic Valve Disease. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2299-2306	5	17
93	Unilateral Access Is Safe and Facilitates Peripheral Bailout During Transfemoral-Approach Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2210-2220	5	10
92	Durability Data for Bioprosthetic Surgical Aortic Valve: A Systematic Review. <i>JAMA Cardiology</i> , 2019 , 4, 71-80	16.2	28
91	Safety and efficacy of cerebral protection devices in transcatheter aortic valve replacement: A clinical end-points meta-analysis. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 785-791	1.6	11
90	Cerebrovascular Events After Cardiovascular Procedures: Risk Factors, Recognition, and Prevention Strategies. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1910-1920	15.1	20
89	Visit-to-visit cholesterol variability correlates with coronary atheroma progression and clinical outcomes. <i>European Heart Journal</i> , 2018 , 39, 2551-2558	9.5	40
88	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> , 2018 , 11, 1072-1080	8.4	17
87	Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2415-2426	15.1	29
86	Current Society of Thoracic Surgeons Model Reclassifies Mortality Risk in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006664	6	16
85	Outcomes of Patients with Significant Obesity Undergoing TAVR or SAVR in the Randomized PARTNER 2A Trial. <i>Structural Heart</i> , 2018 , 2, 500-511	0.6	0
84	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> , 2018 , 2, 421-430	0.6	
83	Bleeding complications of triple antithrombotic therapy after percutaneous coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, E64-E74	2.7	10

82	Relationship of mitral valve annulus plane and circumflex-right coronary artery plane: Implications for Transcatheter Mitral Valve Implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 932-943	2.7	2
81	Staging classification of aortic stenosis based on the extent of cardiac damage. <i>European Heart Journal</i> , 2017 , 38, 3351-3358	9.5	140
80	Meta-Analysis of Usefulness of Anticoagulation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017 , 120, 1612-1617	3	4
79	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> , 2017 , 70, 29-41	15.1	154
78	Atrial fibrillation, progression of coronary atherosclerosis and myocardial infarction. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 373-381	3.9	16
77	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> , 2017 , 119, 20-26	3	17
76	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> , 2016 , 23, 474-85	3.9	8
75	Non-HDL Cholesterol and Triglycerides: Implications for Coronary Atheroma Progression and Clinical Events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2220-2228	9.4	86
74	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> , 2016 , 9,	3.9	35
73	Two-Decade Trends in the Prevalence of Atherosclerotic Risk Factors, Coronary Plaque Morphology, and Outcomes in Adults Aged ≥5 Years Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2016 , 118, 939-43	3	4
72	Percutaneous Intervention for Myocardial Infarction After Noncardiac Surgery: Patient Characteristics and Outcomes. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 329-38	15.1	27
71	Frequency and factors associated with inappropriate for intervention cardiac catheterization laboratory activation. <i>Cardiovascular Revascularization Medicine</i> , 2016 , 17, 219-24	1.6	1
70	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> , 2016 , 1, 584-92	16.2	34
69	Management of drug eluting stent in-stent restenosis: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 1080-91	2.7	21
68	Non-invasive volumetric assessment of aortic atheroma: a core laboratory validation using computed tomography angiography. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 121-9	2.5	2
67	Impact of lean six sigma process improvement methodology on cardiac catheterization laboratory efficiency. <i>Cardiovascular Revascularization Medicine</i> , 2016 , 17, 95-101	1.6	24
66	Transcatheter mitral valve replacement: A frontier in cardiac intervention. <i>Cleveland Clinic Journal of Medicine</i> , 2016 , 83, S10-S17	2.8	12
65	Peri-procedural imaging for transcatheter mitral valve replacement. <i>Cardiovascular Diagnosis and Therapy</i> , 2016 , 6, 144-59	2.6	23

64	Prognostic significance of mild aortic regurgitation in predicting mortality after transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 152, 783-90	1.5	30
63	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> , 2016 , 118, 647-55	3	17
62	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , 2016 , 374, 1609-20	59.2	2746
61	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> , 2016 , 101, 1182-5	2.7	4
60	Degenerative Mitral Stenosis: Unmet Need for Percutaneous Interventions. <i>Circulation</i> , 2016 , 133, 1594-604	6.7	49
59	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> , 2016 , 9,	6	89
58	Comparing Coronary Atheroma Progression Rates and Coronary Events in the United States, Canada, Latin America, and Europe. <i>American Journal of Cardiology</i> , 2016 , 118, 1616-1623	3	1
57	Management of Symptomatic Severe Aortic Stenosis in Patient With Very Severe Chronic Obstructive Pulmonary Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016 , 28, 783-790	1.7	6
56	Resource utilization for transfemoral transcatheter aortic valve replacement: An international comparison. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 145-51	2.7	2
55	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> , 2015 , 385, 2477-84	40	1042
54	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> , 2015 , 385, 2485-91	40	549
53	Infective endocarditis after transcatheter aortic valve implantation: results from a large multicenter registry. <i>Circulation</i> , 2015 , 131, 1566-74	16.7	162
52	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> , 2015 , 116, 508-14	3	6
51	Implications from neurologic assessment of brain protection for total arch replacement from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1140-7.e11	1.5	45
50	Comparative meta-analysis of balloon-expandable and self-expandable valves for transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2015 , 197, 87-97	3.2	21
49	Impact of statins on serial coronary calcification during atheroma progression and regression. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1273-1282	15.1	319
48	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> , 2015 , 131, 1989-2000	16.7	191
47	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> , 2015 , 22, 1331-9	3.9	6

46	Plaque microstructures in patients with coronary artery disease who achieved very low low-density lipoprotein cholesterol levels. <i>Atherosclerosis</i> , 2015 , 242, 490-5	3.1	28
45	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> , 2015 , 150, 557-68.e11	1.5	7
44	In-hospital mortality and stroke after surgical aortic valve replacement: A nationwide perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 571-8.e8	1.5	25
43	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> , 2015 , 35, 2423-31	9.4	39
42	Transcatheter aortic valve replacement: current perspectives and future implications. <i>Heart</i> , 2015 , 101, 169-77	5.1	45
41	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> , 2015 , 36, 449-56	9.5	292
40	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> , 2015 , 86, E88-98	2.7	62
39	Length of stay and long-term mortality following ST elevation myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86 Suppl 1, S1-7	2.7	14
38	Atheroma progression in hyporesponders to statin therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 990-5	9.4	49
37	Transcatheter Advances in the Treatment of Adult and Congenital Valvular Heart Disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015 , 17, 52	2.1	4
36	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> , 2015 , 8,	6	110
35	Neurologic Events After Transcatheter Aortic Valve Replacement. <i>Interventional Cardiology Clinics</i> , 2015 , 4, 83-93	1.4	5
34	Novel hemodynamic index for assessment of aortic regurgitation after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, E174-9	2.7	14
33	Transcatheter aortic valve replacement: History and current indications. <i>Cleveland Clinic Journal of Medicine</i> , 2015 , 82, S6-10	2.8	5
32	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> , 2014 , 7, 296-304	5	65
31	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> , 2014 , 63, 2101-2110	15.1	102
30	High-risk coronary atheroma: the interplay between ischemia, plaque burden, and disease progression. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1134-1140	15.1	27
29	Risk of cerebrovascular events in patients with patent foramen ovale and intracardiac devices. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1221-6	5	7

28	Impact of baseline lipoprotein and C-reactive protein levels on coronary atheroma regression following high-intensity statin therapy. <i>American Journal of Cardiology</i> , 2014 , 114, 1465-72	3	37
27	Measures to reduce radiation in a modern cardiac catheterization laboratory. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 447-55	6	53
26	Outcomes of patients with ischemic mitral regurgitation undergoing percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2014 , 114, 1011-7	3	11
25	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> , 2014 , 114, 681-5	3	14
24	Progression of coronary atherosclerosis in stable patients with ultrasonic features of high-risk plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 1035-41	4.1	16
23	Ventricular septal rupture complicating acute myocardial infarction: a contemporary review. <i>European Heart Journal</i> , 2014 , 35, 2060-8	9.5	135
22	Myeloperoxidase levels predict accelerated progression of coronary atherosclerosis in diabetic patients: insights from intravascular ultrasound. <i>Atherosclerosis</i> , 2014 , 232, 377-83	3.1	37
21	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> , 2014 , 147, 644-51	1.5	16
20	Frequency-domain optical coherence tomographic analysis of plaque microstructures at nonculprit narrowings in patients receiving potent statin therapy. <i>American Journal of Cardiology</i> , 2014 , 114, 549-54	2	25
19	Long-term mortality after cardiac allograft vasculopathy: implications of percutaneous intervention. <i>JACC: Heart Failure</i> , 2014 , 2, 281-8	7.9	35
18	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> , 2014 , 7, 829-36	6	54
17	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> , 2014 , 15, 1270-80	4.1	0
16	Long-term outcomes of inoperable patients with aortic stenosis randomly assigned to transcatheter aortic valve replacement or standard therapy. <i>Circulation</i> , 2014 , 130, 1483-92	16.7	125
15	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> , 2014 , 63, 185-6	15.1	166
14	Relationship of beam angulation and radiation exposure in the cardiac catheterization laboratory. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 558-66	5	57
13	Spotty calcification and plaque vulnerability in vivo: frequency-domain optical coherence tomography analysis. <i>Cardiovascular Diagnosis and Therapy</i> , 2014 , 4, 460-9	2.6	51
12	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> , 2013 , 61, 1585-95	15.1	551
11	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> , 2013 , 62, 1026-34	15.1	146

10	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 571-577	5	53
9	Transcatheter versus surgical aortic-valve replacement in high-risk patients. <i>New England Journal of Medicine</i> , 2011 , 364, 2187-98	59.2	4230
8	Invasive imaging: Coronary intravascular ultrasound: a closer view. <i>Heart</i> , 2010 , 96, 1318-24	5.1	9
7	Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. <i>New England Journal of Medicine</i> , 2010 , 363, 1597-607	59.2	4801
6	Intracoronary Ultrasound in Assessing Efficacy of Cardiovascular Drugs. <i>Current Cardiovascular Imaging Reports</i> , 2010 , 3, 190-196	0.7	
5	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> , 2005 , 45, 1538-42	15.1	213
4	Atherosclerosis imaging: intravascular ultrasound. <i>Drugs</i> , 2004 , 64 Suppl 2, 1-7	12.1	11
3	Devices to decrease stroke risk. <i>Journal of Invasive Cardiology</i> , 2004 , 16, 54S-58S	0.7	
2	Fractional flow reserve compared with intravascular ultrasound guidance for optimizing stent deployment. <i>Circulation</i> , 2001 , 104, 1917-22	16.7	55
1	Safety and Efficacy of Balloon Aortic Valvuloplasty Stratified by Acuity of Patient Illness. <i>Structural Heart</i> , 1-10	0.6	0