

Emin Murat Tuzcu

List of Publications by Year in descending order

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112
papers

24,252
citations

66343

42
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27406

106
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113
all docs

113
docs citations

113
times ranked

12162
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients Who Cannot Undergo Surgery. <i>New England Journal of Medicine</i> , 2010, 363, 1597-1607.	27.0	6,189
2	Transcatheter versus Surgical Aortic-Valve Replacement in High-Risk Patients. <i>New England Journal of Medicine</i> , 2011, 364, 2187-2198.	27.0	5,447
3	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , 2016, 374, 1609-1620.	27.0	3,992
4	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</i> , The, 2015, 385, 2477-2484.	13.7	1,388
5	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</i> , The, 2015, 385, 2485-2491.	13.7	724
6	Incidence, Predictors, and Outcomes of Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1585-1595.	2.8	702
7	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.	2.8	467
8	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, 449-456.	2.2	380
9	Staging classification of aortic stenosis based on the extent of cardiac damage. <i>European Heart Journal</i> , 2017, 38, 3351-3358.	2.2	364
10	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, 1538-1542.	2.8	251
11	Propensity-Matched Comparisons of Clinical Outcomes After Transapical or Transfemoral Transcatheter Aortic Valve Replacement. <i>Circulation</i> , 2015, 131, 1989-2000.	1.6	250
12	Prevalence and Outcomes of Unoperated Patients With Severe Symptomatic Mitral Regurgitation and Heart Failure. <i>Journal of the American College of Cardiology</i> , 2014, 63, 185-186.	2.8	239
13	Infective Endocarditis After Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2015, 131, 1566-1574.	1.6	227
14	Procedural Experience for Transcatheter Aortic Valve Replacement and Relation to Outcomes. <i>Journal of the American College of Cardiology</i> , 2017, 70, 29-41.	2.8	226
15	Ventricular septal rupture complicating acute myocardial infarction: a contemporary review. <i>European Heart Journal</i> , 2014, 35, 2060-2068.	2.2	219
16	The STS-ACC Transcatheter Valve Therapy National Registry. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1026-1034.	2.8	193
17	Long-Term Outcomes of Inoperable Patients With Aortic Stenosis Randomly Assigned to Transcatheter Aortic Valve Replacement or Standard Therapy. <i>Circulation</i> , 2014, 130, 1483-1492.	1.6	158
18	Effect of Tricuspid Regurgitation and the Right Heart on Survival After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	3.9	148

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19	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) Tj ETQq1 1 0.784314 rgBT 10verloc	2.8	123
20	Influence of Transcatheter Aortic Valve Replacement Strategy and Valve Design on Stroke After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2101-2110.	2.8	123
21	Association Between Transcatheter Aortic Valve Replacement and Early Postprocedural Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 2306.	7.4	122
22	Non-HDL Cholesterol and Triglycerides. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2220-2228.	2.4	119
23	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.	1.7	88
24	Degenerative Mitral Stenosis. <i>Circulation</i> , 2016, 133, 1594-1604.	1.6	81
25	Percutaneous Left Atrial Appendage Occlusion for Stroke Prophylaxis in Nonvalvular Atrial Fibrillation. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 296-304.	2.9	80
26	Costs of Periprocedural Complications in Patients Treated With Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 829-836.	3.9	76
27	Fractional Flow Reserve Compared With Intravascular Ultrasound Guidance for Optimizing Stent Deployment. <i>Circulation</i> , 2001, 104, 1917-1922.	1.6	73
28	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, 1140-1147.e11.	0.8	64
29	Relationship of Beam Angulation and Radiation Exposure in the Cardiac Catheterization Laboratory. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 558-566.	2.9	63
30	Spotty calcification and plaque vulnerability in vivo: frequency-domain optical coherence tomography analysis. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 460-9.	1.7	63
31	Visit-to-visit cholesterol variability correlates with coronary atheroma progression and clinical outcomes. <i>European Heart Journal</i> , 2018, 39, 2551-2558.	2.2	61
32	Transcatheter Valve-In-Valve Implantation for Failed Balloon-Expandable Transcatheter Aortic Valves. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 571-577.	2.9	60
33	Measures to Reduce Radiation in a Modern Cardiac Catheterization Laboratory. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 447-455.	3.9	59
34	Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis. <i>JAMA Cardiology</i> , 2016, 1, 584.	6.1	59
35	Atheroma Progression in Hyporesponders to Statin Therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 990-995.	2.4	58
36	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.	2.8	54

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37	Transcatheter aortic valve replacement: current perspectives and future implications. <i>Heart</i> , 2015, 101, 169-177.	2.9	50
38	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, .	2.6	49
39	Long-Term Mortality After Cardiac Allograft Vasculopathy. <i>JACC: Heart Failure</i> , 2014, 2, 281-288.	4.1	48
40	Near-Infrared Spectroscopy Enhances Intravascular Ultrasound Assessment of Vulnerable Coronary Plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2423-2431.	2.4	48
41	Prognostic significance of mild aortic regurgitation in predicting mortality after transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 783-790.	0.8	46
42	Durability Data for Bioprosthetic Surgical Aortic Valve. <i>JAMA Cardiology</i> , 2019, 4, 71.	6.1	46
43	Plaque microstructures in patients with coronary artery disease who achieved very low low-density lipoprotein cholesterol levels. <i>Atherosclerosis</i> , 2015, 242, 490-495.	0.8	43
44	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, 1465-1472.	1.6	42
45	Percutaneous Intervention for Myocardial Infarction After Noncardiac Surgery. <i>Journal of the American College of Cardiology</i> , 2016, 68, 329-338.	2.8	42
46	Myeloperoxidase levels predict accelerated progression of coronary atherosclerosis in diabetic patients: Insights from intravascular ultrasound. <i>Atherosclerosis</i> , 2014, 232, 377-383.	0.8	40
47	Impact of lean six sigma process improvement methodology on cardiac catheterization laboratory efficiency. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 95-101.	0.8	40
48	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, 549-554.	1.6	37
49	Current Society of Thoracic Surgeons Model Reclassifies Mortality Risk in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006664.	3.9	36
50	Outcomes of Transcatheter Aortic Valve Replacement in Mixed Aortic Valve Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2299-2306.	2.9	36
51	High-Risk Coronary Atheroma. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1134-1140.	2.8	32
52	Cerebrovascular Events After Cardiovascular Procedures. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1910-1920.	2.8	32
53	In-hospital mortality and stroke after surgical aortic valve replacement: A nationwide perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 571-578.e8.	0.8	31
54	Peri-procedural imaging for transcatheter mitral valve replacement. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 144-159.	1.7	31

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55	Management of drug eluting stent in stent restenosis: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 1080-1091.	1.7	28
56	Rate of Progression of Aortic Stenosis and its Impact on Outcomes in Patients With Radiation-Associated Cardiac Disease. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1072-1080.	5.3	28
57	Progression of coronary atherosclerosis in stable patients with ultrasonic features of high-risk plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1035-1041.	1.2	25
58	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.	1.7	25
59	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.	1.6	25
60	Unilateral Access Is Safe and Facilitates Peripheral Bailout During Transfemoral-Approach Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2210-2220.	2.9	24
61	Atrial fibrillation, progression of coronary atherosclerosis and myocardial infarction. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 373-381.	1.8	23
62	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, 647-655.	1.6	21
63	Novel hemodynamic index for assessment of aortic regurgitation after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, E174-9.	1.7	20
64	Outcomes of Patients With Ischemic Mitral Regurgitation Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2014, 114, 1011-1017.	1.6	19
65	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, 681-685.	1.6	18
66	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, 644-651.	0.8	17
67	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.	0.8	17
68	Transcatheter mitral valve replacement: A frontier in cardiac intervention. <i>Cleveland Clinic Journal of Medicine</i> , 2016, 83, S10-S17.	1.3	16
69	Atherosclerosis Imaging. <i>Drugs</i> , 2004, 64, 1-7.	10.9	15
70	Length of stay and long-term mortality following ST-elevation myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, S1-7.	1.7	15
71	Oral Calcium Supplements Associate With Serial Coronary Calcification. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 259-268.	5.3	15
72	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, 474-485.	1.8	12

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73	Coronary intravascular ultrasound: a closer view. <i>Heart</i> , 2010, 96, 1318-1324.	2.9	11
74	Bleeding complications of triple antithrombotic therapy after percutaneous coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, E64-E74.	1.7	10
75	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, 557-568.e11.	0.8	9
76	Risk of Cerebrovascular Events in Patients With Patent Foramen Ovale and Intracardiac Devices. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1221-1226.	2.9	8
77	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, 508-514.	1.6	8
78	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, 1331-1339.	1.8	7
79	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.	0.6	7
80	Percutaneous Therapy for Tricuspid Regurgitation. <i>Circulation</i> , 2017, 135, 1815-1818.	1.6	7
81	Two-Decade Trends in the Prevalence of Atherosclerotic Risk Factors, Coronary Plaque Morphology, and Outcomes in Adults Aged 45 Years Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2016, 118, 939-943.	1.6	6
82	Neurologic Events After Transcatheter Aortic Valve Replacement. <i>Interventional Cardiology Clinics</i> , 2015, 4, 83-93.	0.4	5
83	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, 1182-1185.	1.3	5
84	How Symptomatic Should a Hypertrophic Obstructive Cardiomyopathy Patient Be to Consider Alcohol Septal Ablation?. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	5
85	Transcatheter aortic valve replacement: History and current indications. <i>Cleveland Clinic Journal of Medicine</i> , 2015, 82, S6-S10.	1.3	5
86	Plaque microstructures during metformin therapy in type 2 diabetic subjects with coronary artery disease: optical coherence tomography analysis. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 12, 0-0.	1.7	5
87	Transcatheter Advances in the Treatment of Adult and Congenital Valvular Heart Disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015, 17, 52.	0.9	4
88	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.	1.6	4
89	Meta-Analysis of Usefulness of Anticoagulation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 1612-1617.	1.6	4
90	Safety and Efficacy of Balloon Aortic Valvuloplasty Stratified by Acuity of Patient Illness. <i>Structural Heart</i> , 2021, 5, 520-529.	0.6	4

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91	Predicting paravalvular leak after balloon-expandable <sc>TAVR</sc>. Catheterization and Cardiovascular Interventions, 2015, 86, 152-153.	1.7	3
92	Percutaneous Direct Annuloplasty. Journal of the American College of Cardiology, 2016, 67, 2937-2940.	2.8	3
93	Frequency and factors associated with inappropriate for intervention cardiac catheterization laboratory activation. Cardiovascular Revascularization Medicine, 2016, 17, 219-224.	0.8	3
94	Non-invasive volumetric assessment of aortic atheroma: a core laboratory validation using computed tomography angiography. International Journal of Cardiovascular Imaging, 2016, 32, 121-129.	1.5	3
95	Relationship of mitral valve annulus plane and circumflexâ€right coronary artery plane: Implications for transcatheter mitral valve implantation. Catheterization and Cardiovascular Interventions, 2017, 89, 932-943.	1.7	3
96	<sc>PFO</sc> closure: End of an era or beginning of a new chapter?. Catheterization and Cardiovascular Interventions, 2017, 89, 133-134.	1.7	3
97	Outcomes of Patients with Significant Obesity Undergoing TAVR or SAVR in the Randomized PARTNER 2A Trial. Structural Heart, 2018, 2, 500-511.	0.6	3
98	Outcomes of Mild Aortic Regurgitation Afterâ€Transcatheter Aortic Valve Replacement. Structural Heart, 2021, 5, 201-207.	0.6	3
99	Resource utilization for transfemoral transcatheter aortic valve replacement: An international comparison. Catheterization and Cardiovascular Interventions, 2016, 87, 145-151.	1.7	2
100	Bioresorbable Scaffold. JACC: Cardiovascular Interventions, 2017, 10, 1230-1232.	2.9	2
101	Left main coronary arterial endothelial function and heterogenous segmental epicardial vasomotor reactivity in vivo: novel insights with intravascular ultrasonography. European Heart Journal Cardiovascular Imaging, 2014, 15, 1270-1280.	1.2	1
102	Minimizing acute kidney injury during <sc>TAVR</sc>: The Importance of Seeing the Trees and the Forest. Catheterization and Cardiovascular Interventions, 2015, 85, 1254-1255.	1.7	1
103	Safety and efficacy of transcatheter aortic valve replacement in intermediate risk patients sets the stage for contemporary trials in lower risk groups. Cardiovascular Diagnosis and Therapy, 2016, 6, 459-461.	1.7	1
104	Endâ€stage renal disease as an independent risk factor for inâ€hospital mortality after coronary drugâ€eluting stenting: Understanding and modeling the risk. Catheterization and Cardiovascular Interventions, 2020, 98, 246-254.	1.7	1
105	Incidence, treatment, and outcomes of acute myocardial infarction following transcatheter or surgical aortic valve replacement. Catheterization and Cardiovascular Interventions, 2021, , .	1.7	1
106	Intracoronary Ultrasound in Assessing Efficacy of Cardiovascular Drugs. Current Cardiovascular Imaging Reports, 2010, 3, 190-196.	0.6	0
107	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. Structural Heart, 2018, 2, 421-430.	0.6	0
108	Unraveling the Cardiovascular PROSPECTs of Patients With Prediabetes. JACC: Cardiovascular Imaging, 2019, 12, 742-744.	5.3	0

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109	Lower TAVR Mortality Resulting from Collective and Coordinated Global Effort. Structural Heart, 2020, 4, 24-25.	0.6	0
110	Abstract 15526: Predictors of Elective Support Device Insertion Prior to High Risk Percutaneous Coronary Intervention: Changing Trends between 1993-2013. Circulation, 2014, 130, .	1.6	0
111	Abstract 18288: The Total-to-high Density Lipoprotein-cholesterol Ratio Associates With Coronary Atheroma Progression Rates and Reclassifies Disease Progression Across Populations With Varying Metabolic Risk. Circulation, 2015, 132, .	1.6	0
112	Devices to decrease stroke risk. Journal of Invasive Cardiology, 2004, 16, 54S-58S.	0.4	0