Jonathan M Tobis

List of Publications by Citations

106	4,661	32	67
papers	citations	h-index	g-index
118	5,318	4	4.97
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
106	Intracoronary stenting without anticoagulation accomplished with intravascular ultrasound guidance. *Circulation*, **1995**, 91, 1676-88	16.7	945
105	Multicenter intravascular ultrasound validation study among heart transplant recipients: outcomes after five years. *Journal of the American College of Cardiology*, **2005**, 45, 1532-7	15.1	299
104	Angiographic and intravascular ultrasound predictors of in-stent restenosis. *Journal of the American College of Cardiology*, **1998**, 32, 1630-5	15.1	233
103	Bifurcation lesions: two stents versus one stent--immediate and follow-up results. *Journal of the American College of Cardiology*, **2000**, 35, 1145-51	15.1	232
102	Benefit of intracoronary ultrasound in the deployment of Palmaz-Schatz stents. *Journal of the American College of Cardiology*, **1994**, 24, 996-1003	15.1	214
101	Coronary calcium and atherosclerosis by ultrafast computed tomography in asymptomatic men and women: relation to age and risk factors. *American Heart Journal*, **1994**, 127, 422-30	4.9	173
100	Assessment of normal and atherosclerotic arterial wall thickness with an intravascular ultrasound imaging catheter. *American Heart Journal*, **1990**, 119, 1392-400	4.9	167
99	The safety of intracoronary ultrasound. A multicenter survey of 2207 examinations. *Circulation*, **1995**, 91, 623-30	16.7	165
98	Incidence of thrombus formation on the CardioSEAL and the Amplatzer interatrial closure devices. *American Journal of Cardiology*, **2004**, 93, 426-31	3	132
97	Accuracy of transcranial Doppler for the diagnosis of intracardiac right-to-left shunt: a bivariate meta-analysis of prospective studies. *JACC: Cardiovascular Imaging*, **2014**, 7, 236-50	8.4	123
96	Percutaneous Closure of Patent Foramen Ovale in Patients With Migraine: The PREMIUM Trial. *Journal of the American College of Cardiology*, **2017**, 70, 2766-2774	15.1	95
95	Factors influencing immediate results, complications, and short-term follow-up status after Inoue balloon mitral valvotomy: a North American multicenter study. *American Heart Journal*, **1992**, 124, 160-6	4.9	94
94	Cryptogenic Stroke and Patent Foramen Ovale. *Journal of the American College of Cardiology*, **2018**, 71, 1035-1043	15.1	87
93	Five-year experience with percutaneous closure of patent foramen ovale. *American Journal of Cardiology*, **2007**, 99, 1316-20	3	86
92	Are soft echoes really soft? Intravascular ultrasound assessment of mechanical properties in human atherosclerotic tissue. *American Heart Journal*, **1997**, 133, 1-7	4.9	81
91	Origin of the right coronary artery from the opposite sinus of Valsalva in adults: characterization by intravascular ultrasonography at baseline and after stent angioplasty. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 199-208	2.7	74
90	Diagnostic accuracy of transesophageal echocardiogram for the detection of patent foramen ovale: a meta-analysis. *Echocardiography*, **2014**, 31, 752-8	1.5	70

89	Risk factor correlates of coronary calcium as evaluated by ultrafast computed tomography. *American Journal of Cardiology*, **1992**, 70, 977-80	3	67
88	Comparison of immediate and intermediate-term results of intravascular ultrasound versus angiography-guided Palmaz-Schatz stent implantation in matched lesions. *Circulation*, **1997**, 96, 2997-3005	16.7	67
87	Accuracy of conventional transthoracic echocardiography for the diagnosis of intracardiac right-to-left shunt: a meta-analysis of prospective studies. *Echocardiography*, **2014**, 31, 1036-48	1.5	59
86	Detection of coronary artery calcium by ultrafast computed tomography and its relation to clinical evidence of coronary artery disease. *American Journal of Cardiology*, **1994**, 73, 223-7	3	56
85	Explantation of patent foramen ovale closure devices: a multicenter survey. *JACC: Cardiovascular Interventions*, **2011**, 4, 579-85	5	55
84	Transcatheter Patent Foramen Ovale Closure After Cryptogenic Stroke: An Updated Meta-Analysis of Randomized Trials. *JACC: Cardiovascular Interventions*, **2017**, 10, 2228-2230	5	52
83	Frequency of Patent Foramen Ovale and Migraine in Patients With Cryptogenic Stroke. *Stroke*, **2018**, 49, 1123-1128	6.7	49
82	Influence of pre-existing donor atherosclerosis on the development of cardiac allograft vasculopathy and outcomes in heart transplant recipients. *Journal of the American College of Cardiology*, **2006**, 47, 2470-6	15.1	48
81	Angioplasty and stent placement in chronic occlusion of the superficial femoral artery: technique and results. *Journal of Vascular and Interventional Radiology*, **2000**, 11, 1009-20	2.4	46
80	PFO and paradoxical embolism producing events other than stroke. *Catheterization and Cardiovascular Interventions*, **2011**, 77, 903-9	2.7	44
79	Usefulness and safety of percutaneous coronary interventions for cardiac transplant vasculopathy. *American Journal of Cardiology*, **2006**, 97, 1192-7	3	42
78	An explanation for discrepancy between angiographic and intravascular ultrasound measurements after percutaneous transluminal coronary angioplasty. *Journal of the American College of Cardiology*, **1995**, 25, 633-9	15.1	41
77	Proposal for Updated Nomenclature and Classification of Potential Causative Mechanism in Patent Foramen Ovale-Associated Stroke. *JAMA Neurology*, **2020**, 77, 878-886	17.2	38
76	The effect of patent foramen ovale closure in patients with platypnea-orthodeoxia syndrome. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 701-7	2.7	37
75	Patent foramen ovale: Unanswered questions. *European Journal of Internal Medicine*, **2015**, 26, 743-51	3.9	33
74	The association of patent foramen ovale morphology and stroke size in patients with paradoxical embolism. *Circulation: Cardiovascular Interventions*, **2010**, 3, 506-10	6	31
73	Prevalence of migraine headaches in patients with congenital heart disease. *American Journal of Cardiology*, **2008**, 101, 396-400	3	28
72	Coronary artery screening by electron beam computed tomography. Facts, controversy, and future. *Circulation*, **1995**, 92, 632-6	16.7	27

71	Identification and Quantification of Patent Foramen Ovale-Mediated Shunts: Echocardiography and Transcranial Doppler. *Interventional Cardiology Clinics*, **2017**, 6, 495-504	1.4	25
70	Vascular remodelling after cardiac transplantation: a 3-year serial intravascular ultrasound study. *European Heart Journal*, **2006**, 27, 1671-7	9.5	24
69	SCAI expert consensus statement on operator and institutional requirements for PFO closure for secondary prevention of paradoxical embolic stroke: The American Academy of Neurology affirms the value of this statement as an educational tool for neurologists. *Catheterization and Cardiovascular Interventions*, **2019**, 93, 859-874	2.7	23
68	Sleep Apnea in Patients with and without a Right-to-Left Shunt. *Journal of Clinical Sleep Medicine*, **2015**, 11, 1299-304	3.1	23
67	Determinants of patency after percutaneous angioplasty and atherectomy of occluded superficial femoral arteries. *American Journal of Surgery*, **1994**, 168, 115-9	2.7	23
66	New-onset atrial fibrillation following percutaneous patent foramen ovale closure: a systematic review and meta-analysis of randomised trials. *EuroIntervention*, **2019**, 14, 1788-1790	3.1	23
65	Optimizing stent expansion with new stent delivery systems. *Journal of the American College of Cardiology*, **2001**, 38, 1622-7	15.1	22
64	Lessons from intravascular ultrasonography: observations during interventional angioplasty procedures. *Journal of Clinical Ultrasound*, **1993**, 21, 589-607	1	22
63	Effects of isosorbide dinitrate on pulmonary hypertension in chronic obstructive pulmonary disease. *Clinical Pharmacology and Therapeutics*, **1979**, 25, 541-8	6.1	22
62	Intravascular ultrasound appearance of normal and mildly diseased coronary arteries: correlation with histologic specimens. *American Heart Journal*, **1995**, 130, 976-86	4.9	21
61	Patent Foramen Ovale and Hypoxemia. *Cardiology in Review*, **2019**, 27, 34-40	3.2	21
60	Coronary steal syndrome with coil embolization of a large LIMA side branch: radionuclide evidence for reversible ischemia. *Catheterization and Cardiovascular Interventions*, **2005**, 66, 360-3	2.7	20
59	Effect of balloon size and stepwise inflation technique on the acute results of Inoue mitral commissurotomy. Inoue Balloon Catheter Investigators. *Catheterization and Cardiovascular Diagnosis*, **1993**, 28, 199-205		20
58	A randomized trial of transcutaneous extraction atherectomy in femoral arteries: intravascular ultrasound observations. *Journal of Clinical Ultrasound*, **1995**, 23, 461-71	1	19
57	Transesophageal Echocardiography for the Detection of Patent Foramen Ovale. *Journal of the American Society of Echocardiography*, **2017**, 30, 933-934	5.8	15
56	Laser-assisted versus mechanical recanalization of femoral arterial occlusions. *American Journal of Cardiology*, **1991**, 68, 1079-86	3	15
55	Cardiotoxicity of amitriptyline and doxepin. *Clinical Pharmacology and Therapeutics*, **1981**, 29, 359-64	6.1	14
54	Spontaneous plaque rupture and thrombus formation in the left main coronary artery documented by intravascular ultrasound. *Catheterization and Cardiovascular Diagnosis*, **1997**, 40, 358-60		13

53	Potential Role of Patent Foramen Ovale in Exacerbating Hypoxemia in Chronic Pulmonary Disease. *Texas Heart Institute Journal*, **2017**, 44, 189-197	0.8	13
52	Intravascular ultrasound imaging after excimer laser angioplasty. *Catheterization and Cardiovascular Diagnosis*, **1994**, 32, 213-22		11
51	Comparison of residual shunt rate and complications across 6 different closure devices for patent foramen ovale. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 365-372	2.7	11
50	Two cases of pericardial tamponade due to nitinol wire fracture of a gore septal occluder. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 219-224	2.7	10
49	Significance of Coronary Artery Calcium Found on Non-Electrocardiogram-Gated Computed Tomography During Preoperative Evaluation for Liver Transplant. *American Journal of Cardiology*, **2019**, 124, 278-284	3	9
48	The Connection Between Patent Foramen Ovale and Migraine. *Neuroimaging Clinics of North America*, **2019**, 29, 261-270	3	9
47	Optical coherent reflectometry: a new technique to guide invasive procedures. *Catheterization and Cardiovascular Interventions*, **2001**, 54, 257-63	2.7	9
46	Does use of intravascular ultrasound accelerate arteriopathy in heart transplant recipients?. *American Heart Journal*, **1999**, 138, 358-63	4.9	9
45	Sensitivity of brachial versus femoral vein injection of agitated saline to detect right-to-left shunts with Transcranial Doppler. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 992-6	2.7	8
44	Intravascular ultrasound imaging: a new method for guiding interventional vascular procedures. *Echocardiography*, **1990**, 7, 415-24	1.5	8
43	Effect of amitriptyline antidotes on repetitive extrasystole threshold. *Clinical Pharmacology and Therapeutics*, **1980**, 27, 602-6	6.1	8
42	A comparison of methods to determine patent foramen ovale size. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E621-E629	2.7	8
41	Transcranial Doppler: Does Addition of Blood to Agitated Saline Affect Sensitivity for Detecting Cardiac Right-to-Left Shunt?. *Echocardiography*, **2016**, 33, 1219-27	1.5	8
40	A Comparison of Methods to Detect and Quantitate PFO: TCD, TTE, ICE and TEE **2015**, 55-65		8
39	Pooled Analysis of PFO Occluder Device Trials in Patients With PFO and Migraine. *Journal of the American College of Cardiology*, **2021**, 77, 667-676	15.1	6
38	Relation of Patent Foramen Ovale to Acute Mountain Sickness. *American Journal of Cardiology*, **2019**, 123, 2022-2025	3	5
37	Intravascular Ultrasound for Guidance and Optimization of Percutaneous Coronary Intervention. *Interventional Cardiology Clinics*, **2018**, 7, 315-328	1.4	5
36	Patent Foramen Ovale Closure for Hypoxemia. *Interventional Cardiology Clinics*, **2017**, 6, 547-554	1.4	5

35	Visual migraine aura with or without headache: association with right to left shunt and assessment following transcutaneous closure. *Clinical Ophthalmology*, **2012**, 6, 1099-105	2.5	5
34	Patent Foramen Ovale Combined With Pulmonary Arteriovenous Malformation. *JACC: Cardiovascular Interventions*, **2016**, 9, 2169-2171	5	5
33	Comparison of the sheath delivery system versus bare stenting for coronary stent implantation. *Catheterization and Cardiovascular Diagnosis*, **1998**, 43, 386-94; discussion 395-6		4
32	Patent foramen ovale with right atrial septal pouch. *Catheterization and Cardiovascular Interventions*, **2017**, 89, E169-E171	2.7	3
31	Intravascular ultrasound identification of stent entrapment in vivo with in vitro confirmation. *Catheterization and Cardiovascular Diagnosis*, **1997**, 40, 40-5		3
30	Plaque rupture as a cause of apparent coronary aneurysm formation following directional coronary atherectomy. *Catheterization and Cardiovascular Diagnosis*, **1997**, 41, 48-50		3
29	Drug-eluting stenting of unprotected left main coronary artery stenosis in patients with orthotopic heart transplantation: Initial clinical experience. *Catheterization and Cardiovascular Interventions*, **2008**, 71, 306-11	2.7	3
28	Platypnea-Orthodeoxia Syndrome: From Gastroesophageal Reflux to Hypoxemia. *American Journal of Medicine*, **2016**, 129, e15-6	2.4	2
27	Incidence and Causes of 30-day Readmissions after Surgical Versus Percutaneous Secundum Atrial Septal Defect Closure: A United States Nationwide Analysis. *Structural Heart*, **2019**, 3, 113-120	0.6	2
26	Pathophysiology of Takotsubo Cardiomyopathy: Reopened Debate. *Texas Heart Institute Journal*, **2021**, 48,	0.8	2
25	Patent Foramen Ovale and Atrial Septal Defect: Utility of Alternative Imaging Modalities for the Diagnosis of Patent Foramen Ovale and Atrial Septal Defect. *Echocardiography*, **2015**, 32, 1451-2	1.5	1
24	Clinical feasibility of 0.018-inch intravascular ultrasound imaging device. *American Heart Journal*, **1998**, 136, 1017-20	4.9	1
23	Clinical significance of an abnormal coronary flow reserve. *Catheterization and Cardiovascular Diagnosis*, **1995**, 36, 281-2		1
22	Left atrial thrombus mimicking myxoma in a patient with hereditary hemorrhagic telangiectasia: Diagnostic and therapeutic dilemmas. *Radiology Case Reports*, **2020**, 15, 1909-1914	1	1
21	SCAI Guidelines for the Management of Patent Foramen Ovale **2022**, 100039		1
20	The Dangerous Patent Foramen Ovale: Device Closure for Stroke Patients with High-Risk Patent Foramen Ovale. *Journal of the American Society of Echocardiography*, **2019**, 32, 1366-1367	5.8	0
19	Definition of Cryptogenic Stroke, the RoPE Score, and Assessment of Embolic Stroke of Undetermined Source **2020**, 45-55		0
18	The Multiple Clinical Manifestations of Patent Foramen Ovale. *Structural Heart*, **2020**, 4, 159-168	0.6	

17	Device Closure of Patent Foramen Ovale or Medical Therapy for Cryptogenic Stroke: The CLOSURE I Trial **2015**, 173-179	
16	Continuing Medical Education Activity in Echocardiography. *Echocardiography*, **2014**, 31, 751-751	1.5
15	Treating aortic stenosis and mitral regurgitation with 1 transcatheter heart valve: 2 birds with 1 stone. *Journal of the American College of Cardiology*, **2013**, 61, e349	15.1
14	"QCA and the EmperorR3 new clothes". *Catheterization and Cardiovascular Diagnosis*, **1997**, 42, 120	
13	Debulking plaque before stenting: a resurgence of directional atherectomy?. *Catheterization and Cardiovascular Diagnosis*, **1998**, 45, 113-4	
12	AuthorR3 response to Dr. KernR3 letter. *Catheterization and Cardiovascular Interventions*, **2006**, 68, 333-333	1.7
11	The Association of Patent Foramen Ovale and Migraine Headache **2015**, 81-94	
10	Difficult Cases and Complications from the Catheterization Laboratory: A Case of Nitinol Intolerance **2017**, 289-292	
9	Early Randomized Trials of PFO Closure for Stroke (CLOSURE I, PC and RESPECT) **2020**, 67-77	
8	Hypoxemia and PFO **2020**, 143-154	
7	A 38-Year-Old Man With Well Treated OSA on CPAP With Persistent Nocturnal Hypoxemia. *Chest*, **2020**, 157, e1-e3	5.3
6	Echocardiography, Transcranial Doppler, and Oximetry for Imaging and Quantification of PFO-Mediated Shunts **2020**, 15-28	
5	The Full Spectrum of PFO: Are We Seeing Just the Tip of the Iceberg? **2020**, 221-225	
4	Randomized Clinical Trials of PFO Closure for Migraine Headache (MIST, PRIMA, PREMIUM) **2020**, 129-139	
3	Re: "The Complexity of Diagnosing High-Altitude Pulmonary Edema: A Case Report and Review of the Differential Diagnosis of Greater Than Expected Hypoxemia at Altitude" by Reno et al. (High Alt Med Biol 2019;20:181-186). *High Altitude Medicine and Biology*, **2019**, 20, 438-439	1.9
2	Proper Sizing of Patent Foramen Ovale and Grading of Residual Right-to-Left Shunt. *JACC: Cardiovascular Interventions*, **2021**, 14, 106	5
1	Invasive Coronary Imaging Assessment for Cardiac Allograft Vasculopathy: State-of-the-art Review **2022**, 100344	